

> **Phase I Environmental Site Assessment
of the Property located at
121 East Catherine Street
Ann Arbor, Michigan 48104**

January 8, 2024
ECT No. 230172-0100

for
Ann Arbor Housing Development Corporation
2000 S. Industrial Highway
Ann Arbor, Michigan 48104



2200 Commonwealth Blvd, Ste. 300
Ann Arbor, MI 48105
734-769-3004

January 8, 2024
ECT No. 230172-0100

Ms. Jennifer Hall
Ann Arbor Housing Development Corporation
2000 S. Industrial Highway
Ann Arbor, Michigan 48104

**Re: Phase I Environmental Site Assessment
121 East Catherine Street
Ann Arbor, Michigan**

Dear Ms. Hall:

Environmental Consulting & Technology, Inc. (ECT) is pleased to provide this Phase I Environmental Site Assessment (ESA) for the above-referenced property. This assessment was performed in accordance with the ASTM Standard Practices for Environmental Site Assessment: Phase I Environmental Site Assessment Process (E1527-21). We appreciate the opportunity to work with you. Please feel free to contact us at 734-769-3004 should you have any questions concerning this report, or if we may assist you in any other matter.

Sincerely,

Environmental Consulting & Technology, Inc.



Lauren Suhi
Associate Scientist II



Nicole Rockentine
Geologist, RG

PROJECT SUMMARY TABLE

**121 Catherine Street
Ann Arbor, Washtenaw County, Michigan**

Report Section		None	REC	CREC	HREC	DMC	Comments
3.0	Site Description	✓					
4.0	User Provided Information	✓					
5.1	Standard Environmental Record Sources		✓	✓			REC #1: Historical commercial and industrial use of the Subject Property and identified contaminated fill material; CREC #1: Regional groundwater AUL
5.2	Additional Environmental Record Sources			✓			CREC #1: See above
5.4	Historical Use Information		✓				REC #1: See above
6.4.1	Drains, Sumps, Clarifiers, or Pools of Liquid	✓					
6.4.2	Electrical or Hydraulic Equipment Likely to Contain Fluids	✓					
6.4.3	Other Field Observations	✓					
7.0	Interviews		✓				REC #1: See above

Table of Contents

1.0	Executive Summary	1
1.1	Summary and Conclusions	1
1.1.1	Findings and Opinions	1
1.1.2	Conclusions	2
1.2	Identified Data Gaps	3
1.3	Identified Liens or Activity and Use Limitations	3
2.0	Introduction	4
2.1	Purpose	4
2.2	Detailed Scope of Services	5
2.3	Significant Assumptions	5
2.4	Limitations and Exceptions	6
2.5	Special Terms and Conditions	7
2.6	User Reliance	7
3.0	Site Description	8
3.1	Location and Legal Description	8
3.2	Site and Vicinity General Characteristics	8
3.3	Current Use of the Property	8
3.4	Descriptions of Structures, Roads, Other Improvements on the Site	8
3.4.1	General Descriptions of Structures	8
3.4.2	Roads	8
3.4.3	Heating/Cooling System	8
3.4.4	Potable Water Supply	9
3.4.5	Sewage Disposal System	9
3.5	Current Uses of the Adjoining Properties	9
4.0	User Provided Information	10
4.1	Title Records	10
4.2	Environmental Liens or Activity and Use Limitations	10
4.3	Specialized Knowledge	11
4.4	Commonly Known or Reasonably Ascertainable Information	11
4.5	Valuation Reduction for Environmental Issues	11
4.6	Owner, Property Manager, and Occupant Information	11
4.7	Reason for Performing Phase I ESA	11

4.8 Prior Reports 12

5.0 Records Review 15

5.1 Standard Environmental Record Sources 15

5.1.1 Database Finding Summary 15

5.1.2 Subject Property Listings 17

5.1.3 Surrounding Properties 18

5.1.4 Unmappable Properties 19

5.2 Additional Environmental Record Sources 20

5.2.1 State Environmental Agency 20

5.2.2 Oil and Gas Pipelines/Wells 21

5.2.3 Mining and Mineral Exploration 21

5.3 Physical Setting 22

5.4 Historical Use Information 23

5.4.1 Historical Use of the Subject Property 24

5.4.2 Historical Use of Adjoining Properties 26

6.0 Site Reconnaissance 30

6.1 Methodology and Limiting Conditions 30

6.2 General Site Setting 30

6.3 Subject Property Reconnaissance Summary 30

6.4 Exterior Observations 31

6.4.1 Drains, Sumps, Clarifiers, or Pools of Liquid 31

6.4.2 Electrical or Hydraulic Equipment Likely to Contain Fluids 31

6.4.3 Other Field Observations 31

6.5 Interior Observations 31

7.0 Interviews 32

7.1 Interview with Owner 32

7.2 Interview with Site Manager 32

7.3 Interview with Occupants 32

7.4 Interviews with Local Government Officials 32

7.5 Interviews with Others 33

8.0 Evaluation and Report Preparation 34

8.1 Findings 34

8.2 Opinion 35

8.3 Additional Investigation 35

8.4 Data Gaps 35

8.5 Conclusions 36

8.6 Additional Services 36

8.7 Limiting Conditions 36

8.8 References 37

8.9 Signature(s) of Environmental Professional(s) 38

8.10 Qualification(s) of Environmental Professional(s) 38

9.0 Non-Scope Considerations 39

Appendices

Appendix A Figures

Appendix B Site Photographs

Appendix C Historical Research Documentation

Appendix D Environmental Database Report

Appendix E User Provided Information

Appendix F Interview Documentation

Appendix G Qualification(s) of the Environmental Professiona(s)

1.0 Executive Summary

1.1 Summary and Conclusions

Environmental Consulting & Technology, Inc. (ECT) was retained by Ann Arbor Housing Development Corporation (the Client) to conduct a Phase I ESA in conformance with the scope and limitations of the ASTM Standard Practice for Environmental Site Assessment: Phase I Environmental Site Assessment Process (E1527-21) and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) for the property located at 121 East Catherine Street in Ann Arbor, Washtenaw County, Michigan. Any exceptions to, or deletions from, this practice are described in [Section 1.2](#) and [Section 8.7](#) of this report.

The Subject Property currently consists of one parcel of land totaling approximately 0.381 acres, developed with an asphalt-paved parking lot. A USGS Topographic Map is provided as [Figure 1](#) and a Subject Property Overview is provided as [Figure 2](#).

1.1.1 Findings and Opinions

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

- **REC #1:** According to a review of historical sources, the Subject Property was formerly developed with commercial and industrial uses including a blacksmith, furniture factory, carpenter shop, dairy company with potential fuel storage, auto storage, and private garage. Based on the historical property usage, there is the potential for handling and storage of hazardous materials and or petroleum products. Previous Phase I ESAs completed at the Subject Property identified the historical uses of the Subject Property as a REC. ECT performed a Phase II ESA and an Additional Investigation in July 2022 and September 2023, respectively, to evaluate the REC. The subsurface investigations identified contaminated soils and urban fill material at the surface to 10 feet below ground surface (bgs). Based on the distribution of contamination throughout the shallow subsurface across the Subject Property, ECT believes the source is urban fill material. Due to the identification of contaminated soils at the Subject Property, this finding is considered a REC.

- **CREC #1:** The Gelman Site is an area of groundwater contamination in Washtenaw County that includes portions of the City of Ann Arbor, and Scio Township. The groundwater is contaminated with the industrial solvent 1,4-dioxane (dioxane). The contamination plume encompasses a total area that is approximately 1 mile wide and 4 miles long. From 1966 until 1986, Gelman Sciences, Inc. manufactured medical filters using dioxane in the manufacturing process. In 1985, dioxane was discovered in residential drinking water wells in the area. EGLE with assistance from the Washtenaw County Health Department has been tracking the plume and overseeing investigation and remediation activities at the site for over 30 years. An initial boundary prohibiting the use of groundwater was issued in March 2011 and expanded in 2021. The Subject Property is not located within the groundwater plume but does fall within the prohibition zone boundary. According to the April 2023 Quarterly Progress Report, the nearest monitoring wells 124d and 124s are located 750 feet southeast of the Subject Property. These wells are sampled quarterly as part of the prohibition zone boundary monitoring. In April 2023, MW-124d was analyzed for dioxane and results were <1 ppb. Based on the issuance of the groundwater use prohibition in the area of the Subject Property, this activity and use limitation represents a CREC.

1.1.2 Conclusions

Ms. Nicole Rockentine, Environmental Professional, has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-13 and the 30 CFR 312 (All Appropriate Inquiry) of the Subject Property, located at 121 East Catherine Street in Ann Arbor, Washtenaw County, Michigan. Any exceptions to, or deletions from, this practice are described in Section 2.5 of this report. **This assessment has revealed no evidence of RECs, CRECs, and/or SDGs, with the exception of the following:**

- **REC #1:** Identified soil contaminated to 10 feet bgs at the Subject Property.
- **CREC #1:** The Subject Property is located in a groundwater use prohibition zone due to regional groundwater contamination.

1.2 Identified Data Gaps

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

A data gap is defined by ASTM E1527-21 as a lack or inability to obtain information required by the practice despite good faith efforts by the Environmental Professional to gather such information. Data gaps may result from incompleteness in any of the activities required by the practice, including, but not limited to the site reconnaissance and interviews.

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

- The earliest historical resource obtained during this assessment was a Sanborn fire insurance map from 1888 indicated the Subject Property was developed with a furniture factory and blacksmith shop. The lack of historical sources for the Subject Property dating back to the first developed use represents a historical source data failure. Refer to Section 5.2 for a discussion on the Subject Property history.

1.3 Identified Liens or Activity and Use Limitations

ECT did not identify any liens or activity use limitations associated with the Subject Property; however, the Subject Property falls within a groundwater use prohibition zone. Refer to [Section 5.2](#).

2.0 Introduction

This report documents the methods and findings of the Phase I ESA performed in conformance with the scope and limitations of ASTM Standard Practice E1527-21 and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR 312) for the property located at 121 East Catherine Street in Ann Arbor, Washtenaw County, Michigan.

2.1 Purpose

The purpose of ASTM Practice E1527-21 is to define good commercial and customary practice in the United States of America for conducting an environmental site assessment of commercial and real estate with respect to the range of contaminants within the scope of the CERCLA (42 U.S.C. §9601) and petroleum products. Any exceptions to, or deletions from, this practice are described in [Section 1.2.2](#) and [Section 8.7](#) of this report.

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

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

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

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

2.2 Detailed Scope of Services

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

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

2.3 Significant Assumptions

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

2.4 Limitations and Exceptions

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

The findings presented in this report apply solely to site conditions existing at the time when ECT's assessment was performed. It must be recognized, however, that an ESA is intended for the purpose of determining the potential for contamination through limited research and investigative activities and in no way represents a conclusive or complete site characterization. Conditions in other parts of the Subject Property may vary from those at the locations where data were collected. ECT's ability to interpret investigation results is related to the availability of the data and the extent of the investigation activities. As such, 100 percent confidence in ESA conclusions cannot reasonably be achieved.

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

2.5 Special Terms and Conditions

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

2.6 User Reliance

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

3.0 Site Description

3.1 Location and Legal Description

The Subject Property is situated along the north side of Catherine Street and west side of North Fourth Street, in the City of Ann Arbor, Washtenaw County, Michigan. Comprised of one parcel (#09-09-29-135-001), the Subject Property contains approximately 0.381 acres of land. Provided by the City of Ann Arbor's online property records, the legal description for the parcel is below:

LOT 27 ASSESSORS PLAT NO 29

The Parcel Records are included in the appendices ([Interview Documentation](#)).

3.2 Site and Vicinity General Characteristics

The Subject Property is located within the downtown area of the City of Ann Arbor. The surrounding area of the Subject Property is comprised predominantly of commercial development, both multi-tenant and stand alone structures. Multi-tenant and single family residences are present approximately 400 feet to the north and 600 feet to the east of the Subject Property. The Site and Surrounding Properties Map is provided in [Figure 2](#).

3.3 Current Use of the Property

The Subject Property is currently developed as a municipal parking lot which is owned and operated by the City of Ann Arbor.

3.4 Descriptions of Structures, Roads, Other Improvements on the Site

3.4.1 General Descriptions of Structures

The Subject Property has no enclosed structures. A solar powered electrical charging station is present in the northwest corner of the Subject Property.

3.4.2 Roads

The Subject Property can be accessed from North Fourth Avenue or the alley adjacent to the west.

3.4.3 Heating/Cooling System

No heating and cooling systems are present on the Subject Property.

3.4.4 Potable Water Supply

The Subject Property has no potable water present.

3.4.5 Sewage Disposal System

No sewage disposal system is present on the Subject Property

3.5 Current Uses of the Adjoining Properties

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

DIRECTION	OCCUPANT(S)/USE(S)	REGULATORY DATABASE LISTING(S)
North	Multi-tenant commercial properties: 313-319 Braun Court	None identified
Northeast	Fourth Avenue followed by Ann Arbor Farmers Market: 312 N Fourth Avenue, 315 Detroit Street	None identified
East	Fourth Avenue followed by multi-tenant commercial properties: 303 Detroit Street, 201 Catherine Street	303 Detroit Street: FINDS/FRS, RCRA NON GEN, WASTE 201 Catherine Street: WASTE
Southeast	Fourth Avenue and Catherine Street intersection followed by Sculpture Plaza	None identified
South	Catherine street followed by municipal parking lot: 219 North 4th Avenue	None identified
Southwest	Washtenaw County Administrative building: 220 North Main Street	WASTE
West	BP Gas Station: 300 North Main Street Eureka Cleaners: 308 North Main Street Vacant Commercial building: 109-111 Catherine Street	300 North Main Street: RCRA NON GEN, FINDS/FRS, BEA, UST, LUST, WASTE, SPILLS 308 North Main Street: DRYCLEANERS, FED DRYCLEANERS, FINDS/FRS, RCRA VSQG, WASTE
Northwest	Multi-tenant commercial building: 320 North Main Street	BEA (Incorrectly plotted)

Refer to [Section 5.1](#) for a discussion of regulatory database listings.

4.0 User Provided Information

This section identifies information provided by the User, Ann Arbor Housing Development Corporation. The completed User Questionnaire Form was completed by Ms. Jennifer Hall, Manager & Secretary/Treasurer. A copy of the completed form is included in the appendices ([User Provided Information](#)).

4.1 Title Records

A chain of title or title abstract was not provided.

According to the City of Ann Arbor's online property records, the Subject Property is owned by the City of Ann Arbor.

4.2 Environmental Liens or Activity and Use Limitations

The User representative, Ms. Hall, reported a recorded land title search for environmental liens and activity use limitations was completed on March 9, 2023. According to the search, no environmental cleanup liens were identified against the Subject Property filed or recorded under federal, tribal, state, or local law. The Ms. Hall did not identify any activity or land use limitations, such as engineering controls, land use restrictions or institutional controls that are in place at the Subject Property and/or have been filed or recorded in a registry under federal, tribal, state or local law. A new environmental lien and activity use limitations search is currently being conducted for the Subject Property with an anticipated completion day of January 19, 2024. The completed search will be summarized in an addendum letter; however, based on the results from March 9, 2023 search, no identified environmental liens are anticipated.

Additionally, ECT reviewed the Michigan Department of Environment, Great Lakes, and Energy (EGLE) Remediation and Redevelopment Division (RRD) Perfected Lien List, updated on October 23, 2023. The Subject Property is not included on the list.

An evaluation of the EGLE Environmental Mapper online database did not identify any AULs associated with the Subject Property; however, an order prohibiting the groundwater use due to regional groundwater contamination encompasses the Subject Property. Refer to [Section 5.2](#) for a discussion on the groundwater use prohibition.

4.3 Specialized Knowledge

The User representative, Ms. Hall, did not have any knowledge or experience related to the Subject Property or nearby properties that could be material to any environmental conditions of this property.

4.4 Commonly Known or Reasonably Ascertainable Information

The User representative, Ms. Hall, stated the past use was a public parking lot, and referred to previous ECT reports, [Section 4.8](#), for additional information on environmental findings at the Property.

4.5 Valuation Reduction for Environmental Issues

The User representative, Ms. Hall, stated that due to the City's commitment to affordable housing, they are offering the Subject Property to the User for below market value. However, the User representative was not aware of any valuation reduction due to environmental issues associated with the Subject Property.

4.6 Owner, Property Manager, and Occupant Information

The Subject Property is currently owned and operated by the City of Ann Arbor as a municipal parking lot.

4.7 Reason for Performing Phase I ESA

According to the User, this Phase I ESA was conducted to fulfill due diligence requirements associated with a prospective sale.

4.8 Prior Reports

The User provided the following environmental reports:

Phase I Environmental Site Assessment prepared by Environmental Consulting Solutions dated December 10, 2021

At the time of the Phase I assessment, the Subject Property was developed as a parking lot. The findings of the report identified two RECs.

- Historic resources (i.e. Sanborn Maps, city directories) have identified several former commercial/industrial uses at the Site including: a blacksmith, furniture factory, carpenter shop, and dairy (including potential underground fuel storage). Improper use, storage and handling of petroleum products and other chemicals associated with historic site use have the potential to negatively impact the Site.
- Historic resources (i.e. Sanborn Maps, city directories) have identified several former commercial/industrial uses at the adjoining properties including: a black smith, furniture factory, gas stations (including buried gas tanks), laundry/dry cleaners (including buried naphtha tanks), parking garage and auto glass repair. Improper use, storage and handling of petroleum products and other chemicals associated with historic adjoining property use have the potential to negatively impact the Site.

Phase II Environmental Site Assessment prepared by ECT dated July 6, 2022

Based on the findings of the Phase I ESA, a Phase II was conducted to evaluate the identified RECs utilizing Brownfield grant funds. A total of eight soil borings and four subsurface vapor points were advanced at the Subject Property for the collection of soil, groundwater, and soil vapor samples. Groundwater was not encountered in any of the borings. As a result, only soil and soil vapor samples were collected. The results of the soil analysis identified arsenic and mercury at concentrations exceeding the EGLE Part 201 residential cleanup criteria. Based on the exceedances of the Part 201 residential cleanup criteria, the Subject Property is considered a "facility" as defined by the Natural Resources and Environmental Protection Act (NREPA), 1994 PA 451, as amended. In addition, fill material was identified in the subsurface soils at the Subject Property.

Phase I Environmental Site Assessment prepared by ECT dated March 29, 2023

At the time of this assessment, the Subject Property was developed as a parking lot. The findings of this assessment are similar to the current report, however, ECT identified two RECs at the time of the assessment:

- REC #1: According to a review of historical sources, the Subject Property was formerly developed with commercial and industrial uses including a blacksmith, furniture factory, carpenter shop, dairy company with potential fuel storage, auto storage, and private garage. Based on the historical property usage, there is the potential for handling and storage of hazardous materials and or petroleum products. Given the historical use and potential for onsite hazardous material or petroleum product storage or handling, the former commercial and industrial use of the Subject Property represents a REC.
- REC #2: According to a review of historical sources, adjacent properties were formerly developed with commercial and industrial uses including a blacksmith, garment manufacturing, current and former gas stations with underground storage tanks, and current and former laundry/dry cleaners. There is the potential for handling and storage of hazardous materials and petroleum products at the adjacent properties. Given the current and historical use and the potential for hazardous material or petroleum product storage or handling, the former commercial and industrial use of adjacent properties represents a REC.

A CREC was also identified associated with the Gelman Site groundwater contamination.

Additional Investigation prepared by ECT dated September 1, 2023

An Additional Investigation was conducted at the Subject Property to further evaluate the contamination identified in the July 2022 Phase II ESA. To delineate soil metal impacts, ECT advanced seven soil borings on the Subject Property to 10 feet bgs in March 2023. Soil samples were analyzed for mercury and arsenic. Two subsurface soil gas implants were installed and collected soil gas samples on March 16, 2023. An additional 19 soil borings were advanced to a depths ranging from 10 to 15 feet bgs to characterize urban fill on the Subject Property. Soil samples were analyzed for VOCs, Polynuclear Aromatic Hydrocarbons (PAHs), and Michigan 10 Metals. Select samples were also analyzed for Polychlorinated Biphenyls (PCBs).

The soil metal impact delineation results detected arsenic above Residential Drinking Water Protection criteria (DWP), Groundwater Surface Water Interface Protection criteria (GSIP), Direct Contact criteria (DC), and Statewide Default Background Level (SDBL). Mercury was detected above its Residential GSIP, SDBL, and Residential and Nonresidential VIAP Screening Levels (SLs). Mercury was not detected in soil gas samples.

The urban fill characterization results identified the following constituents above Michigan Part 201 Generic Residential Cleanup Criteria and/or VIAP Screening Levels: 2-methylnaphthalene, 1,2,3-trimethylbenzene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, benzo(a)pyrene, fluoranthene, naphthalene, phenanthrene, arsenic, barium, total chromium, copper, lead, selenium, silver, zinc, and mercury.

ECT concluded that based on analytes exceeding the Part 201 GRCC, the site is considered a "facility" as defined by the (NREPA), and a Baseline Environmental Assessment (BEA) was recommended if ownership of the Subject Property should change. Further, based on the distribution of elevated VOCs, PAHs, and metals throughout the shallow subsurface across the Subject Property, ECT believes the source of environmental impact is urban fill material that has been identified between the surface and 10 feet bgs.

Copies of the prior environmental reports are included in [User Provided Information](#).

5.0 Records Review

5.1 Standard Environmental Record Sources

5.1.1 Database Finding Summary

ECT contracted Environmental Risk Information Services (ERIS) to conduct a search of publicly available information from federal, state, tribal, and local environmental record sources in accordance with ASTM E1527-21. Data gathered during the regulatory database search is compiled by ERIS into a government records report (i.e., database report). This government records report, dated October 18, 2023, was reviewed by ECT on October 23, 2032.

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

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

The database report, which includes a search of standard and additional record sources, identified the following hits for the Subject Property and/or surrounding area.

For full details pertaining to the databases searched, refer to the database report included in the appendices ([Environmental Database Report](#)).

Regulatory Report Summary

Database	Search Radius	Target Property	Within 0.12mi	0.12mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
ALT FUELS	0.25	1	8	3	-	-	12
AUL	0.5	1	1	1	2	-	5
BEA	1.0	0	18	10	37	67	132
BFLD REDEV	0.5	0	4	2	1	-	7
BFLD UST	0.5	0	0	0	2	-	2
BROWNFIELDS	0.5	0	0	17	0	-	17
CERCLIS	0.5	0	0	0	1	-	1
DELISTED CONTAM	1.0	0	0	0	0	1	1
DELISTED LUST	0.5	0	1	0	0	-	1
DELISTED SHWS	1.0	0	0	1	4	5	10
DRYCLEANERS	0.25	0	1	0	-	-	1
FED BROWNFIELDS	0.5	1	1	1	5	-	8
FED DRYCLEANERS	0.25	0	1	0	-	-	1
FINDS/FRS	0.02	1	3	-	-	-	4
FUDS	1.0	0	0	0	0	1	1
LUST	0.5	0	5	10	13	-	28
MRDS	1.0	0	0	1	0	0	1
PFAS IND	0.5	0	0	0	1	-	1
RCRA NON GEN	0.25	0	7	12	-	-	19
RCRA SQG	0.25	0	1	1	-	-	2
RCRA VSQG	0.25	0	4	6	-	-	10
SHWS	1.0	0	4	8	19	30	61
SPILLS	0.125	0	1	-	-	-	1
UST	0.25	0	5	12	-	-	17
WASTE	0.5	0	17	35	62	-	114

5.1.2 Subject Property Listings

The Subject Property was listed on the following regulatory databases.

Subject Property Summary

Database	Site Name	Address	Dist. (mi) / Dir.	Elev. diff. (ft)	Comments
AUL	Gelman Sciences Inc	600 South Wagner Road	0.00/W	0.0	See below
ALT FUELS	Ann Arbor Downtown Development Authority - Catherine and Fourth Surface Lot	121 Catherine Street	0.00/SE	0.0	See below
FED BROWNFIELDS, FINDS/FRS	121 E. Catherine St	121 East Catherine Street	0.00/SE	0.0	See below

Gellman Services - 600 South Wagner Road: The AUL database listing identified an order prohibiting groundwater use surrounding the Subject Property due to contamination emanating from the former Gelman Sciences facility in Scio Township, Michigan. Based on information available from EGLE, the plume is located approximately 0.56 miles west of the Subject Property; however, the Subject Property is located in the prohibition zone. This regional groundwater contamination is discussed further in [Section 5.2](#).

Ann Arbor Downtown Development Authority - Catherine and Fourth Surface Lot: The ALT FUELS database listing is in relation to a solar-powered electrical charging station added to the northwest corner of the Subject Property in 2018. Due to the nature of the listing, the solar-powered electrical charging station does not present an environmental concern.

121 E. Catherine Street: A Phase II ESA was conducted on the Subject Property utilizing Brownfield grant funds in 2022 to address RECs identified from a 2021 Phase I ESA. Refer to [Section 4.8](#) for a discussion on prior environmental reports. This site is listed on the FINDS database associated with this Brownfields listing.

5.1.3 Surrounding Properties

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

Surrounding Properties Summary

Database	Site Name	Address	Dist. (mi) / Dir.	Elev. diff. (ft)	Comments
WASTE	Vlasic & Co	201 E Catherine Street	0.01/ENE	-1	Adjacent east. Based on the lack of violations or releases, not an environmental concern.
RCRA VSQG, FINDS/FRS, DRYCLEANERS, WASTE, FED DRYCLEANERS	JNJ Cleaners, Eureka Cleaners	308 North Main Street	0.02/WNW	0.0	Adjacent west. See below
BEA	320 North Main & 301 North East Streets	320 North Main & 301 North East Streets	0.02/WNW	-1	This site is incorrectly plotted and is located in Chelsea, Michigan, as confirmed by EGLE records.
RCRA NON GEN, FINDS/FRS, BEA, UST, LUST, WASTE, SPILLS	Amoco Oil Co, University Fuel Mart	300 North Main Street	0.02/W	2.0	Adjacent west. See below
FINDS / FRS, RCRA NON GEN, WASTE	303 Detroit Street LLC, Market Place	303 Detroit Street	0.02/E	-2.0	Adjacent east. Based on the lack of violations or releases, not an environmental concern.

Database	Site Name	Address	Dist. (mi) / Dir.	Elev. diff. (ft)	Comments
WASTE	Washtenaw County Solid Waste Division	220 North Main Street	0.04/WSW	3.0	Adjacent southwest. Based on the lack of violations or releases, not an environmental concern.

JNJ Cleaners/Eureka Cleaners - (Adjacent west): This west adjacent property was identified on the drycleaner and waste generator databases. No violations or releases were noted in the database listings. Refer to Section 5.3 for a discussion on adjacent property use.

Amoco Oil Co/University Fuel Mart - (Adjacent west): According to the regulatory database report, the west adjacent property located at 300 North Main Street was identified as a gas station. Four former underground storage tanks ranging from 6000-10000 gallons were installed between April 1958 and April 1984, and were removed between November 1988 and May 2003. Two additional USTs were installed at the site in May 2003 with capacities of 6000 gallons and 12000 gallons, and are currently in use. One LUST was reported on March 4, 1992, and closed on October 10, 1996. A spill of at least 50 gallons of gasoline occurred on an unknown date. A BEA associated with this site was identified and records were requested from EGLE. This site is discussed further in [Section 5.2](#).

5.1.4 Unmappable Properties

ERIS also provides an unmappable (or “orphan”) summary list which identifies properties that cannot be mapped due to poor or inadequate address information. One of the orphans sites (Corner of Catherine Street, Amoco Station) is associated with the west adjacent gasoline station, and is further discussed in [Section 5.1.3](#).

None of the additional orphan sites identified by ERIS were determined to pose an environmental concern to the Subject Property.

5.2 Additional Environmental Record Sources

5.2.1 State Environmental Agency

ECT requested pertinent regulatory files associated with the standard database listings for the Subject Property and/or adjoining properties. Records were requested from the EGLE via online on October 24-25, 2023, and were reviewed on October 24-25, 2023. A summary of the records is provided below.

Gellman Services - 600 South Wagner Road

The Gelman Site is an area of groundwater contamination in Washtenaw County that includes portions of the City of Ann Arbor, and Scio Township. The groundwater is contaminated with the industrial solvent 1,4-dioxane (dioxane). The contamination plume encompasses a total area that is approximately 1 mile wide and 4 miles long. From 1966 until 1986, Gelman Sciences, Inc. manufactured medical filters using dioxane in the manufacturing process. In 1985, dioxane was discovered in residential drinking water wells in the area. EGLE with assistance from the Washtenaw County Health Department has been tracking the plume and overseeing investigation and remediation activities at the site for over 30 years. An initial boundary prohibiting the use of groundwater was issued in March 2011 and expanded in 2021. The Subject Property is not located within the groundwater plume but does fall within the prohibition zone boundary. According to the April 2023 Quarterly Progress Report, the nearest monitoring wells 124d and 124s are located 750 feet southeast of the Subject Property. These wells are sampled quarterly as part of the prohibition zone boundary monitoring. In April 2023, MW-124d was analyzed for dioxane and results were <1 ppb. Based on the issuance of the groundwater use prohibition in the area of the Subject Property, this activity and use limitation represents a CREC.

Amoco Oil Co/University Fuel Mart - 300 North Main Street

According to a review of historical sources, this west adjacent property was identified as a filling station/gas station and auto storage/repair shop since at least 1925. A LUST Incident (Release Number REL-0372-92) was reported on March 4, 1992, and received closure on October 10, 1996. Upon the purchase of the property in June 2002, a BEA was completed. According to the BEA, numerous environmental assessments occurred at the property between 1992 and 2002 to address subsurface impacts associated with the current and historical use as a gas station. Analytical results from samples collected during a 2002 assessment detected benzene, ethylbenzene, xylenes, 1,2,4-trimethylbenzene (TMB), 1,3,5-TMB, MTBE, and lead in samples exceeding their applicable

screening levels. The nearest sample location to the Subject Property, PD-2, was located approximately 105 feet west. Two soil samples at depths of 7-9 feet bgs and 13-15 feet bgs and one groundwater were analyzed for BTEX, MTBE, naphthalene, 2-methylnaphthalene, 1,2,4-TMB, 1,3,5-TMB, 1,3-dibromoethane, 1,2-dichloroethane and lead. Soil results detected benzene, ethylbenzene, xylenes, 1,3,5-TMB, and 1,2,4-TMB above regulatory criteria. Groundwater results detected benzene, ethylbenzene, xylenes, MTBE, 1,2,4-TMB, and 1,3,5-TMB above regulatory criteria. Based on the 2002 findings, the property met the definition of a "facility". Based on subsurface investigation results that investigated this site in relation to the Subject Property, previously discussed in [Section 4.8](#), it is the opinion of the EP that this does not represent a significant environmental concern.

Copies of pertinent regulatory agency records are included in the appendices ([Interview Documentation](#)).

5.2.2 Oil and Gas Pipelines/Wells

ECT reviewed the National Pipeline Mapping System (NPMS) as well as the Michigan EGLE GeoWebFace viewer to evaluate if pipelines or gas/oil wells are located at the Subject Property. No pipelines or gas/oil wells are located on or within close proximity of the Subject Property.

5.2.3 Mining and Mineral Exploration

ECT reviewed the EGLE GeoWebFace viewer and historical aerial images for the presence of current and/or historical mining activity on October 24, 2023. No mining activity was identified on or in close proximity to the Subject Property.

5.3 Physical Setting

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

TOPOGRAPHY	
USGS Topographic Quadrangle	<i>South Lyon and Ann Arbor East, Michigan (2019)</i>
Approximate Elevation	826 ft above mean sea level
Nearest surface water	The Huron River approximately 0.45 miles to the northeast
Source: Database Report	
SOILS	
Soil Classification	Fox series
Soil Type	Sandy loam and till plain
Drainage Class	Well drained
Source: USDA-NRCS	
GEOLOGY	
Physiographic Area/Region	Huron-Erie Drift Uplands of the Southern Lower Peninsula Hills and Plains
Geologic Formation(s)	Mississippian age Coldwater Shale
Bedrock	Shale and limestone
Sources: Michigan Geological Survey and USGS	
HYDROLOGY	
Estimated Groundwater Flow¹	North/Northwest
Estimated Depth to Groundwater	Approximately 7-9 feet below ground surface
Source: Database Report, Groundwater monitoring at 300 North Main Street	

1. Groundwater flow direction can be influenced by the presence of local wetland features, surface topography, recharge and discharge areas, horizontal and vertical inconsistencies in the types of location of subsurface soils, and proximity to water pumping wells.

5.4 Historical Use Information

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

Aerial photographs, topographic maps, fire insurance maps, and city directories were obtained from Environmental Risk Information Services (ERIS). Additionally, ECT reviewed available aerial photographs on Google Earth™. The current USGS 7.5-minute topographic map quadrants are *South Lyon and Ann Arbor East, Michigan*, which are dated 2019. These historical sources were reviewed on October 23, 2032.

Copies of the available historical sources obtained from ERIS are provided in the appendices ([Historical Research Documentation](#)). The below table summarizes available historical source coverage for the Subject Property.

Dates	Aerial Photographs	Topographic Maps	Fire Insurance Maps	City Directories	Other Sources
No Coverage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Prior to 1940	✓	✓	✓	✓	<input type="checkbox"/>
1940-1945	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	✓	<input type="checkbox"/>
1946-1950	✓	<input type="checkbox"/>	✓	<input type="checkbox"/>	<input type="checkbox"/>
1951-1955	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	✓	<input type="checkbox"/>
1956-1960	✓	<input type="checkbox"/>	<input type="checkbox"/>	✓	<input type="checkbox"/>
1961-1965	✓	✓	<input type="checkbox"/>	✓	<input type="checkbox"/>
1966-1970	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	✓	<input type="checkbox"/>
1971-1975	✓	✓	✓	✓	<input type="checkbox"/>
1976-1980	<input type="checkbox"/>	✓	<input type="checkbox"/>	✓	<input type="checkbox"/>
1981-1985	✓	✓	<input type="checkbox"/>	✓	<input type="checkbox"/>
1986-1990	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	✓	<input type="checkbox"/>
1991-1995	✓	<input type="checkbox"/>	<input type="checkbox"/>	✓	<input type="checkbox"/>
1996-2000	✓	<input type="checkbox"/>	<input type="checkbox"/>	✓	<input type="checkbox"/>
2001-2005	✓	<input type="checkbox"/>	<input type="checkbox"/>	✓	<input type="checkbox"/>
2006-2010	✓	<input type="checkbox"/>	<input type="checkbox"/>	✓	<input type="checkbox"/>
2011-2015	✓	✓	<input type="checkbox"/>	✓	<input type="checkbox"/>
2016-2020	✓	✓	<input type="checkbox"/>	✓	<input type="checkbox"/>
2021-Current	✓	<input type="checkbox"/>	<input type="checkbox"/>	✓	✓

5.4.1 Historical Use of the Subject Property

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

DATES	SUBJECT PROPERTY DESCRIPTION/USE	SOURCE(S)
1888	The northern portion is developed with the C.H. St. Clair and Sons School Furniture Factory which consists of several buildings, including a furniture shop. The southern portion is developed with a blacksmith and vacant building. A stable in the northwest portion was identified.	Fire insurance maps
1892	The northern portion of the Subject Property is now identified as C.H. St Clair Steam Carpenter Shop. The structure in the southwest corner has been removed.	Fire insurance maps
1899 1902 1906 1908 1916	The building on the eastern portion is used as a dwelling on the second floor, with a second hand stove store on the first floor. The stable in the northwest corner is now a shed for stoves.	Fire insurance maps Topographic maps
1925 1930	The property has been redeveloped to include five buildings. The center of the property, from east to west, is clear of structures. The northern portion has three buildings utilized for auto storage. The building in the southeast portion is operating as Ann Arbor Dairy Co which included an Ice Cream Factory and Milk Depot. The structure to the southwest is a bottle warehouse associated with the dairy company.	Fire insurance maps City directories
1931 1935 1937 1940 1945 1948 1949	The property has been redeveloped into one large building identified as the Ann Arbor Dairy Co. A private two-story parking garage is located in the northwest corner. A small area in the west-central portion, and another at the southwest corner are clear of structures. Heater storage is now located in the southwest corner. A possibly reference to "concrete fuel r.m. underground" is discernible on the fire insurance map.	Aerial photographs Fire insurance maps City directories
1951 1955 1956	Subject Property identified as the Ann Arbor Dairy, Div Det, and Creamery Co.	Aerial photographs City directories
1960	The Subject Property is listed as vacant.	City directories

DATES	SUBJECT PROPERTY DESCRIPTION/USE	SOURCE(S)
1963 - 1965 1968 1972 1973 1976 1978 1981 1983 1986 1991 - 1993 1996 1998 2000 2003 2005 - 2012 2014 - 2017	Developed as a paved municipal parking lot	Aerial photographs Topographic maps Fire insurance maps City directories
2018 - 2023	Solar powered electrical charging stations have been added to the northwest corner.	Aerial photographs Topographic maps City directories Previous environmental reports Site reconnaissance Interviews

According to a review of historical sources, the Subject Property was formerly developed with commercial and industrial uses including a blacksmith, furniture factory, carpenter shop, dairy company with potential fuel storage, auto storage, and private garage. Based on the historical property usage, there is the potential for handling and storage of hazardous materials and or petroleum products. Previous Phase I ESAs completed at the Subject Property identified the historical uses of the Subject Property as a REC. ECT performed a Phase II ESA and an Additional Investigation in July 2022 and September 2023, respectively, to evaluated the REC. The subsurface investigations identified contaminated soils and urban fill material at the surface to 10 feet bgs. Based on the distribution of contamination throughout the shallow subsurface across the Subject Property, ECT believes the source is urban fill material. Due to the identification of contaminated soils at the Subject Property, this finding is considered a REC.

Refer to [Section 4.8](#) for a summary of previous assessments and investigations at the Subject Property.

5.4.2 Historical Use of Adjoining Properties

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

DATES	SURROUNDING PROPERTY DESCRIPTION/USE	SOURCE(S)
1888	<p>NORTH: One stable located in center of property</p> <p>NORTHEAST: Wood yard, wood shed, and lumber storage</p> <p>EAST: Hall of Agricultural Implements and two sheds</p> <p>SOUTHEAST: Commercial buildings and a triple hydrant</p> <p>SOUTH: Residence</p> <p>SOUTHWEST: J.A. Polhemus and Son Livery</p> <p>WEST: Commercial building including blacksmith shop and residence</p> <p>NORTHWEST: Residence</p>	Fire insurance maps
1892	<p>NORTH: No significant changes</p> <p>NORTHEAST: Wood yard has been incorporated into The Agricultural Implements Hall</p> <p>EAST: No significant changes</p> <p>SOUTHEAST: No significant changes</p> <p>SOUTH: No significant changes</p> <p>SOUTHWEST: No significant changes</p> <p>WEST: Farmers horse shed, grocery store and residence</p> <p>NORTHWEST: Vacant land</p>	Fire insurance maps
1899	<p>NORTH: No significant changes</p> <p>NORTHEAST: Four residences and lumber sheds to the east</p> <p>EAST: Todd Manufacturing Company Mill #2 at 201-211 N. Fourth Street (underwear manufacturing, cutting and press, knitting and winding shop, and a laundry and stock room).</p> <p>SOUTHEAST: No significant changes</p> <p>SOUTH: No significant changes</p> <p>SOUTHWEST: No significant changes</p> <p>WEST: No significant changes</p> <p>NORTHWEST: Residence and carpenter shop to the east</p>	Fire insurance maps
1902 1906 1908	<p>NORTH: Vacant land</p> <p>NORTHEAST: No significant changes</p> <p>EAST: Steam Laundry at 201-205 Catherine Street</p> <p>SOUTHEAST: No significant changes</p> <p>SOUTH: No significant changes</p> <p>SOUTHWEST: Post office</p> <p>WEST: Horse stables and a carriage house, grocery store and a residence</p> <p>NORTHWEST: No significant changes</p>	Fire insurance maps Topographic maps

DATES	SURROUNDING PROPERTY DESCRIPTION/USE	SOURCE(S)
1916	<p>NORTH: Six residences NORTHEAST: No significant changes EAST: White Swan Laundry and Dry Cleaning Company at 201-205 Catherine Street SOUTHEAST: No significant changes SOUTH: Prior residence removed and replaced SOUTHWEST: No significant changes WEST: Auto shop/storage, hitching shed, and garage with one gas tank at 101 Catherine Street NORTHWEST: No significant changes</p>	Fire insurance maps
1925 1930 1931 1935 1937	<p>NORTH: One additional residence NORTHEAST: No significant changes EAST: White Swan Laundry and Dry Cleaning Company with underground gas tank SOUTHEAST: No significant changes SOUTH: Filling station with underground gas tanks at 122-124 Catherine Street/219 4th Street, and an additional residence SOUTHWEST: No significant changes WEST: Filling station and garage with underground gas tanks at 101 and 109 Catherine Street; residence to the north NORTHWEST: No significant changes</p>	Aerial photographs Topographic maps Fire insurance maps City directories
1940 1945 1948 1949	<p>NORTH: No significant changes NORTHEAST: No significant changes EAST: Additional gas tanks at White Swan Laundry and Dry Cleaning Company SOUTHEAST: No significant changes SOUTH: Additional gas tanks at the filling station SOUTHWEST: No significant changes WEST: Additional gas tanks at the filling station and addition of an auto repair building; commercial building to the north NORTHWEST: No significant changes</p>	Fire insurance maps Aerial photographs City directories
1951	<p>NORTH: No significant changes NORTHEAST: No significant changes EAST: Vogue Dry Cleaners and Laundry SOUTHEAST: No significant changes SOUTH: Wedmeyer Electronic Supply Co. parking lot SOUTHWEST: No significant changes WEST: No significant changes NORTHWEST: No significant changes</p>	City directories
1955 1956	<p>NORTH: No significant changes NORTHEAST: No significant changes EAST: Previous laundry building is vacant SOUTHEAST: No significant changes SOUTH: Gas station has been torn down, area is now a parking lot SOUTHWEST: No significant changes WEST: No significant changes NORTHWEST: No significant changes</p>	City directories Aerial photographs

DATES	SURROUNDING PROPERTY DESCRIPTION/USE	SOURCE(S)
1960	NORTH: No significant changes NORTHEAST: No significant changes EAST: Office building with multiple occupants SOUTHEAST: No significant changes SOUTH: No significant changes SOUTHWEST: No significant changes WEST: No significant changes NORTHWEST: No significant changes	City directories
1963 - 1965 1968	NORTH: No significant changes NORTHEAST: No significant changes EAST: University of Michigan radiation lab SOUTHEAST: No significant changes SOUTH: No significant changes SOUTHWEST: No significant changes WEST: No significant changes NORTHWEST: No significant changes	City directories Aerial photographs
1972 1973	NORTH: No significant changes NORTHEAST: Two residences, parking lot and Ann Arbor municipal Market to the east EAST: No significant changes SOUTHEAST: No significant changes SOUTH: No significant changes SOUTHWEST: No significant changes WEST: Commercial buildings including an auto glass installation shop at 109-113 Catherine St. and parking lot to the north NORTHWEST: Commercial building	Fire insurance maps City directories
1976 1978 1981 1983 1986 1991 1992 1993 1996 1998 2000 2003 2005 - 2012 2014 - 2023	Few physical changes have occurred. The configuration of buildings and parking lots appears to be similar to the current configuration.	Site reconnaissance Aerial photographs Topographic maps City directories

According to a review of historical sources, adjacent properties were formerly developed with commercial and industrial uses including a blacksmith, garment manufacturing, current and former gas stations with underground storage tanks, and current and former laundry/dry cleaners. There is the potential for handling and storage of hazardous materials and petroleum products at the adjacent properties. According to reports summarized in [Section 4.8](#), adjacent sources for

contamination were evaluated and concluded to have not contributed to the contamination identified on the Subject Property. Therefore, it is the opinion of the EP that the historic and current use of the adjacent properties do not represent a REC.

6.0 Site Reconnaissance

RECONNAISSANCE OVERVIEW	
Site Reconnaissance Date:	October 26, 2023
ECT Assessor(s) Name & Title:	Ms. Nicole Rockentine / Geologist
Escort & Relationship to Property:	None

6.1 Methodology and Limiting Conditions

ECT was provided full access to the Subject Property. A site perimeter walk was conducted of the Subject Property and adjoining properties were viewed from all public right of ways. At the time of the site reconnaissance, many vehicles were parked at the Subject Property (see [Section 8.7](#)).

6.2 General Site Setting

SUBJECT PROPERTY CONDITIONS	
Weather:	70°F, partially cloudy
General Topography:	Flat
Current Use:	City owned parking lot
Roads and Corridors:	North 4th Avenue to the east and Catherine Street to the south
Other Transportation Corridors:	Alley bordering west side
Exterior Storage Areas:	None
Unimproved Areas:	None
Surface Water:	None

6.3 Subject Property Reconnaissance Summary

Field observations, as noted in the table below, are included on [Figure 2](#). Photographs taken during the reconnaissance are provided in the appendices ([Photographic Documentation](#)). The table below describes site conditions required by the ASTM standard to be evaluated during the site reconnaissance. Where prudent, additional information from the site reconnaissance is provided below the table.

OBSERVATION	YES	NO
Hazardous Substances and/or Petroleum Products in Connection with Property Use	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Hazardous Substances and/or Petroleum Products not in Connection with Property Use	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Aboveground Storage Tanks (ASTs)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Underground Storage Tanks (USTs), vent pipes, fill pipes, or access ways indicating USTs may be present	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Unidentified Substance Containers	<input type="checkbox"/>	<input checked="" type="checkbox"/>

OBSERVATION	YES	NO
Strong, Pungent, or Noxious Odors	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Drains, Sumps, Clarifiers, or Pools of Liquid	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Electrical or Hydraulic Equipment Likely to Contain Fluids	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Staining or Stressed Vegetation	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Pits, Ponds, Ditches, Streams, or Lagoons	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Solid Waste Disposal	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Evidence of Fill Materials or Dumping of Debris	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Wastewater or Storm Water Discharges	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Wells	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Septic Systems	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>

6.4 Exterior Observations

6.4.1 Drains, Sumps, Clarifiers, or Pools of Liquid

During the site reconnaissance, two storm drains were observed on the western side and northwest corner of the Subject Property. An additional storm drain was observed in the west adjoining alley. No hazardous materials or petroleum products were observed near the storm drains. Based on the nature of these features, the storm drains do not present an environmental concern.

6.4.2 Electrical or Hydraulic Equipment Likely to Contain Fluids

In the United States, PCBs were commercially manufactured from 1929 until production was banned in 1979 by the Toxic Substances Control Act (TSCA). Due to their non-flammability, chemical stability, high boiling point and electrical insulating properties, PCBs were used in hundreds of industrial and commercial applications, such as electrical, heat transfer, and hydraulic equipment, such as transformers, elevators, and hydraulic lifts.

At the time of the reconnaissance, three pole-mounted transformers were observed along public roadways. The transformers were labeled as non-PCB containing and appeared to be in good condition with no evidence of leaks.

6.4.3 Other Field Observations

Several asphalt patched borings were observed during the site reconnaissance. Refer to Section 5.4 for a summary of previous environmental work performed on the Subject Property.

6.5 Interior Observations

There are no buildings or structures on the Subject Property

7.0 Interviews

7.1 Interview with Owner

Mr. Derek L. Delacourt, on behalf of the City of Ann Arbor, completed the owner questionnaire on November 1, 2023. According to Mr. Delacourt, the Subject Property is currently utilized as a public parking lot with no structures and is proposed to be redeveloped as mixed use, six-story building. Prior Phase I and Phase II ESA reports were identified along with the former onsite dry cleaner occupant, refer to [Section 4.8](#). Mr. Delacourt stated he was not aware of any litigation, administrative proceedings, or violation of environmental laws or liability relevant to hazardous materials or petroleum products. He was also not aware of any environmental liens or activity use limitations. A copy of the owner questionnaire is provided in the appendices ([Interview Documentation](#)).

7.2 Interview with Site Manager

The site manager is also the Subject Property owner.

7.3 Interview with Occupants

There are no Subject Property occupants.

7.4 Interviews with Local Government Officials

The following state and/or local government officials were interviewed as part of this assessment:

Agency:	Washtenaw County Environmental Health Department
Contact Name:	Susan Tan
Title:	Unspecified
Method:	E-mail inquiry on October 18, 2023
Comments:	ECT requested documentation (if any) on file pertaining to wells, septic systems, storage tanks, releases, landfills or dumping of materials, remediation sites, migrating contamination, and/or any other environmental sensitive records. Ms. Tan provided a well permit and permit application information for a closed-loop geothermal test boring that was issued on July 18, 2023. The test boring was located in the southwest corner of the Subject Property. No environmental concerns were noted with these records.

Agency:	Washtenaw County Public Information
Contact Name:	Ms. Tammy Richards
Title:	FOIA Coordinator
Method:	E-mail inquiry on October 18, 2023; follow-up inquiry on October 24, 2023

Comments:	ECT requested documentation (if any) on file pertaining to wells, septic systems, storage tanks, releases, landfills or dumping of materials, remediation sites, migrating contamination, and/or any other environmental sensitive records. Washtenaw County provided well drilling records for the geothermal test boring for the property via the Health Department. No environmental concerns were noted with these records.
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Agency:	Ann Arbor Fire Department, City of Ann Arbor City Clerk
Contact Name:	Jacqueline Beaudry
Title:	City Clerk
Method:	Online inquiry on October 18, 2023
Comments:	ECT requested documentation (if any) on file pertaining to fires, storage tanks, releases, landfills or dumping of materials, remediation sites, migrating contamination, and/or any other environmentally sensitive records. According to Ms. Beaudry, no records are on file with the City of Ann Arbor for the Subject Property.

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

7.5 Interviews with Others

No other interviews were conducted.

8.0 Evaluation and Report Preparation

ECT was retained by Ann Arbor Housing Development Corporation to conduct a Phase I ESA in conformance with the scope and limitations of the ASTM Practice E1527-21, the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), and the MSDHA Environmental Review Guidelines for 2023 for the property located at 121 East Catherine Street in Ann Arbor, Washtenaw County, Michigan. Any exceptions to, or deletions from, this practice are described in [Section 1.2](#) and [Section 8.7](#) of this report.

8.1 Findings

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

- **REC #1:** According to a review of historical sources, the Subject Property was formerly developed with commercial and industrial uses including a blacksmith, furniture factory, carpenter shop, dairy company with potential fuel storage, auto storage, and private garage. Based on the historical property usage, there is the potential for handling and storage of hazardous materials and or petroleum products. Previous Phase I ESAs completed at the Subject Property identified the historical uses of the Subject Property as a REC. ECT performed a Phase II ESA and an Additional Investigation in July 2022 and September 2023, respectively, to evaluate the REC. The subsurface investigations identified contaminated soils and urban fill material at the surface to 10 feet bgs. Based on the distribution of contamination throughout the shallow subsurface across the Subject Property, ECT believes the source is urban fill material. Due to the identification of contaminated soils at the Subject Property, this finding is considered a REC.
- **CREC #1:** The Gelman Site is an area of groundwater contamination in Washtenaw County that includes portions of the City of Ann Arbor, and Scio Township. The groundwater is contaminated with the industrial solvent 1,4-dioxane (dioxane). The contamination plume encompasses a total area that is approximately 1 mile wide and 4 miles long. From 1966 until 1986, Gelman Sciences, Inc. manufactured medical filters using dioxane in the manufacturing process. In 1985, dioxane was discovered in residential drinking water wells in the area. EGLE with assistance from the Washtenaw County Health Department has been tracking the plume and overseeing investigation and remediation activities at the site for

over 30 years. An initial boundary prohibiting the use of groundwater was issued in March 2011 and expanded in 2021. The Subject Property is not located within the groundwater plume but does fall within the prohibition zone boundary. According to the April 2023 Quarterly Progress Report, the nearest monitoring wells 124d and 124s are located 750 feet southeast of the Subject Property. These wells are sampled quarterly as part of the prohibition zone boundary monitoring. In April 2023, MW-124d was analyzed for dioxane and results were <1 ppb. Based on the issuance of the groundwater use prohibition in the area of the Subject Property, this activity and use limitation represents a CREC.

8.2 **Opinion**

Evidence of a REC has been revealed in association with the identified soil contamination at the Subject Property.

8.3 **Additional Investigation**

No additional services were included in the scope of work for this Phase I ESA.

8.4 **Data Gaps**

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

A data gap is defined by ASTM E1527-21 as a lack or inability to obtain information required by the practice despite good faith efforts by the Environmental Professional to gather such information. Data gaps may result from incompleteness in any of the activities required by the practice, including, but not limited to the site reconnaissance and interviews.

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

- The earliest historical resource obtained during this assessment was a Sanborn fire insurance map from 1888 indicated the Subject Property was developed with a furniture factory and blacksmith shop. The lack of historical sources for the Subject Property dating back to the first developed use represents a historical source data failure. Refer to [Section 5.4](#) for a discussion on the Subject Property history.

8.5 Conclusions

Ms. Nicole Rockentine, Environmental Professional, has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-13 and the 30 CFR 312 (All Appropriate Inquiry) of the Subject Property, located at 121 East Catherine Street in Ann Arbor, Washtenaw County, Michigan. Any exceptions to, or deletions from, this practice are described in Section 2.5 of this report. **This assessment has revealed no evidence of RECs, CRECs, and/or SDGs, with the exception of the following:**

- **REC #1:** Identified soil contaminated to 10 feet bgs at the Subject Property.
- **CREC #1:** The Subject Property is located in a groundwater use prohibition zone due to regional groundwater contamination.

8.6 Additional Services

No additional services were included in the scope of work for this Phase I ESA.

8.7 Limiting Conditions

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

- At the time of the site reconnaissance, many vehicles were parked at the Subject Property partially obscuring the ground surface.

Based on the quality of information obtained from other sources (e.g., historical documentation, interviews, regulatory sources, site reconnaissance, etc.), and the nature of the limitation(s), it is the opinion of the EP that this limitation does not impact ECT's ability to identify RECs.

8.8 References

REFERENCED ITEM OR AGENCY	PUBLICATION OR INQUIRY DATE(S)	SOURCE
Aerial Photographs	1937, 1949, 1956, 1963, 1973, 1983, 1993, 2000, 2005, 2006, 2009, 2010, 2012, 2014, 2016, 2018, 2020, 2023	ERIS
	1992, 1998, 2000, 2005, 2006, 2007, 2010, 2011, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022	Google Earth™
Assessor Information	October 23, 2023	Washtenaw County
City Directories	1925, 1930, 1935, 1940, 1945, 1951, 1955, 1960, 1964, 1968, 1972, 1976, 1981, 1986, 1991, 1996, 2000, 2003, 2008, 2012, 2016, 2020, 2022	ERIS
Depth to Groundwater Information	2002	Groundwater monitoring at 300 North Main Street
Fire Department(s)	October 18, 2023	Ann Arbor Fire Department
Fire Insurance Maps	1888, 1892, 1899, 1908, 1916, 1925, 1931, 1948, 1972	ERIS
Geology Information	October 25, 2023	USGS
Health Department(s)	October 18, 2023	Washtenaw County Environmental Health Department
Oil and Gas Authority	October 24, 2023	EGLE
Owner(s), Key Site Manager(s), and/or Occupant Interviews	November 1, 2023	Mr. Derek L. Delacourt, representative of the City of Ann Arbor
Physiographic Information	October 25, 2023	Michigan Geological Survey
Pipeline Information	October 24, 2023	NPMS
Regulatory Database Report	October 18, 2023	Environmental Risk Information Services
Soils Information	October 24, 2023	USDA-NRCS
Standard Practice	2021	ASTM Standards E1527-21, <i>Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process</i>
State Environmental Agency	October 24-25, 2023	EGLE
Topographic Maps	2019	USGS (<i>South Lyon and Ann Arbor East, Michigan</i>)
	1902, 1906, 1965, 1973, 1978, 1983, 2014, 2017, 2019	ERIS

8.9 Signature(s) of Environmental Professional(s)

I, Nicole Rockentine, declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR §312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Subject Property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312. All elements of this Phase I ESA have been completed by me or persons under my direct supervision. For the sake of brevity, any references herein to the "Environmental Professional" or "EP" shall refer directly to me. Any references to "ECT" shall refer to me and/or those persons under my direct supervision.

A copy of the EP's resume and those directed by the EP in the completion of this assessment are included in the appendices ([Resumes of Environmental Consultants](#)).



Nicole Rockentine

Geologist, RG

Environmental Professional

8.10 Qualification(s) of Environmental Professional(s)

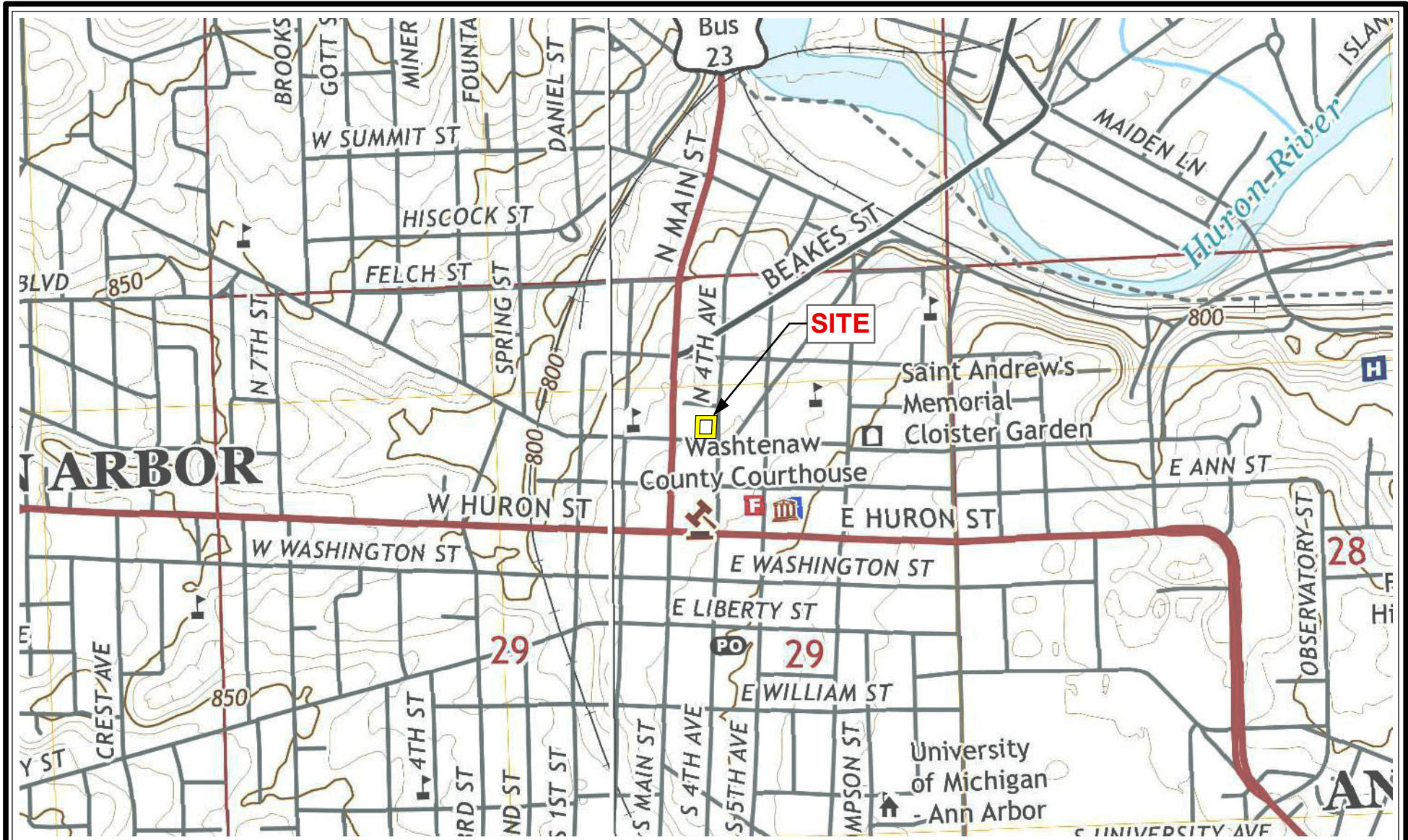
Provided in the [Qualifications of Environmental Professional](#) appendix of this report.


9.0 Non-Scope Considerations

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

Appendix A

Figures



 Project Boundary

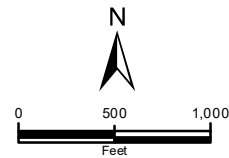


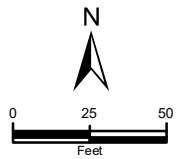
Figure 1
USGS Topographic Map

121 East Catherine Street,
Ann Arbor, Michigan
Date: 10/30/2023





- Project Boundary
- Storm Drain
- T Transformer(s)



Base Layer: USDA NAIP Aerial

Figure 2
Subject Property Overview

121 East Catherine Street,
Ann Arbor, Michigan
Date: 10/30/2023



Appendix B

Site Photographs

Client Name:

Ann Arbor Housing Development
Corporation

Project No:

230172-0100



Description

View of the Subject Property from the southwest corner facing the north



Description

View of the Subject Property from the northeast facing south

Site Reconnaissance Date: October 26, 2023

Client Name:

Ann Arbor Housing Development
Corporation

Project No:

230172-0100



Description

View of the northern half of the Subject Property facing east



Description

View of the southern half of the Subject Property facing east

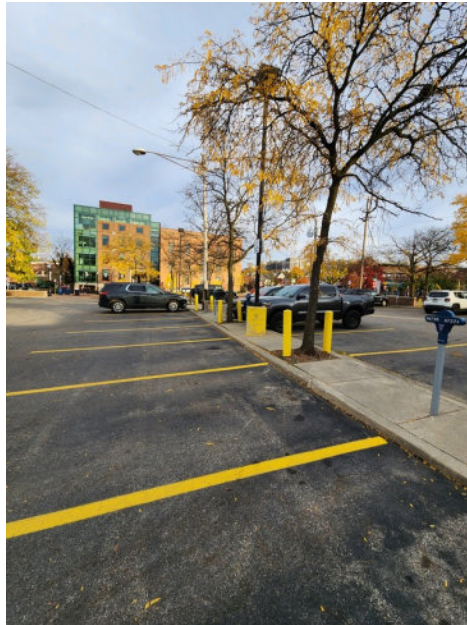
Site Reconnaissance Date: October 26, 2023

Client Name:

Ann Arbor Housing Development
Corporation

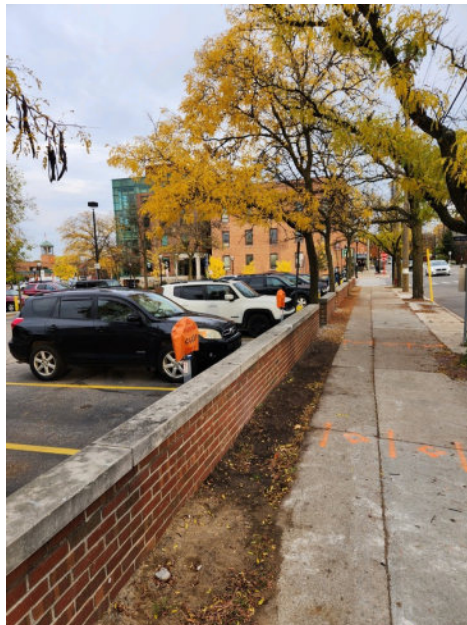
Project No:

230172-0100



Description

View of center of the Subject Property and metered parking spots



Description

View of the southern boundary of the Subject Property

Site Reconnaissance Date: October 26, 2023

Client Name:

Ann Arbor Housing Development
Corporation

Project No:

230172-0100



Description

View of the eastern boundary of the Subject Property



Description

View of western boundary of Subject Property facing north and west adjoining alley

Site Reconnaissance Date: October 26, 2023

Client Name:

Ann Arbor Housing Development
Corporation

Project No:

230172-0100



Description

View of the electric vehicle charging station in northwestern corner of the Subject Property and northwest adjacent multi-tenant commercial building



Description

Pole-mounted transformer observed near southeast corner of Subject Property

Client Name:

Ann Arbor Housing Development
Corporation

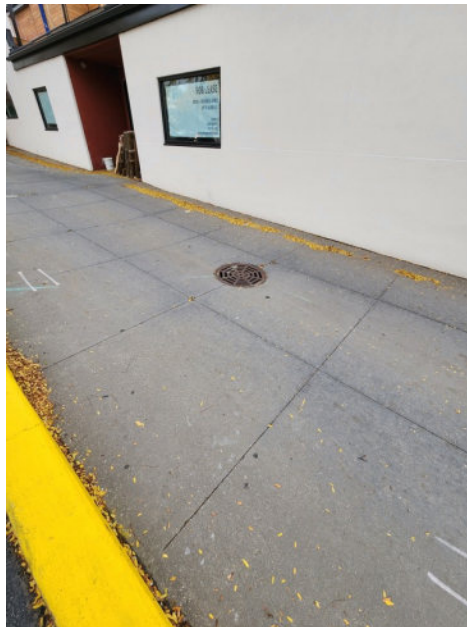
Project No:

230172-0100



Description

Storm drains observed on the western side of the Subject Property



Description

Storm drain observed in west adjoining alley

Site Reconnaissance Date: October 26, 2023

Client Name:

Ann Arbor Housing Development
Corporation

Project No:

230172-0100



Description

Storm drains and electric vehicle charging electrical infrastructure located in the northwest corner of the Subject Property



Description

Representative photo of asphalt patches observed at the Subject Property

Site Reconnaissance Date: October 26, 2023

Client Name:

Ann Arbor Housing Development
Corporation

Project No:

230172-0100



Description

Additional view of asphalt patches observed at the Subject Property



Description

North adjacent multi-tenant commercial buildings

Site Reconnaissance Date: October 26, 2023

Client Name:

Ann Arbor Housing Development
Corporation

Project No:

230172-0100



Description

Northeast adjacent Ann Arbor Farmer Market



Description

East adjacent multi-tenant commercial building

Site Reconnaissance Date: October 26, 2023

Client Name:

Ann Arbor Housing Development
Corporation

Project No:

230172-0100



Description

South adjacent municipal parking lot



Description

Southwest adjacent Washtenaw County Administration building

Site Reconnaissance Date: October 26, 2023

Client Name:

Ann Arbor Housing Development
Corporation

Project No:

230172-0100



Description

West adjacent vacant commercial building



Description

West adjacent Eureka Cleaners

Site Reconnaissance Date: October 26, 2023

Appendix C

Historical Research Documentation



HISTORICAL AERIALS

Project Property: 121 Catherine Street
121 Catherine Street
Ann Arbor MI 48104

Project No: 230172

Requested By: Environmental Consulting & Technology, Inc.

Order No: 23101600291

Date Completed: October 16,2023

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.

Environmental Risk Information Services

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Date	Source	Scale	Comments
2023	MAXAR TECHNOLOGIES	1" = 500'	
2020	United States Department of Agriculture	1" = 500'	
2018	United States Department of Agriculture	1" = 500'	
2016	United States Department of Agriculture	1" = 500'	
2014	United States Department of Agriculture	1" = 500'	
2012	United States Department of Agriculture	1" = 500'	
2010	United States Department of Agriculture	1" = 500'	
2009	United States Department of Agriculture	1" = 500'	
2006	United States Department of Agriculture	1" = 500'	
2005	United States Department of Agriculture	1" = 500'	
2000	United States Geological Survey	1" = 500'	
1993	United States Geological Survey	1" = 500'	Best Copy Available
1983	United States Geological Survey	1" = 500'	
1973	United States Geological Survey	1" = 500'	
1963	United States Geological Survey	1" = 500'	
1956	Detroit Edison	1" = 500'	
1949	Detroit Edison	1" = 500'	
1937	Agricultural Stabilization & Conserv. Service	1" = 500'	

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500
Feet



Year: 2023
Source: MAXAR
Scale: 1" = 500'
Comment:

Address: 121 Catherine Street, Ann Arbor, MI
Approx Center: -83.7474963,42.28350435

Order No: 23101600291



500
Feet



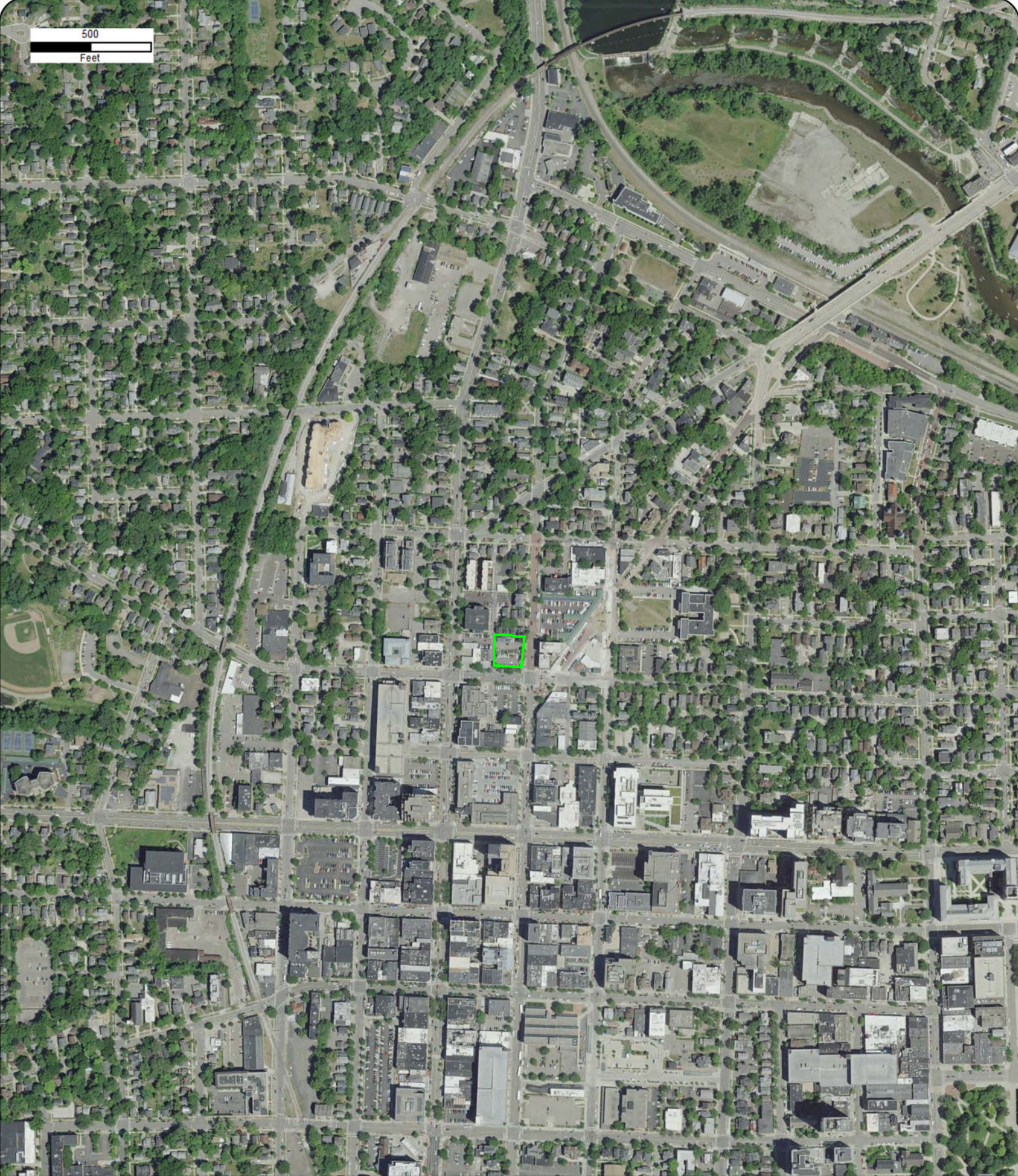
Year: 2020
Source: USDA
Scale: 1" = 500'
Comment:

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Approx Center: -83.7474963,42.28350435

Order No: 23101600291



500
Feet



Year: 2018
Source: USDA
Scale: 1" = 500'
Comment:

Address: 121 Catherine Street, Ann Arbor, MI
Approx Center: -83.7474963,42.28350435

Order No: 23101600291



500

Feet



Year: 2016
Source: USDA
Scale: 1" = 500'
Comment:

Address: 121 Catherine Street, Ann Arbor, MI
Approx Center: -83.7474963,42.28350435

Order No: 23101600291



500
Feet



Year: 2014
Source: USDA
Scale: 1" = 500'
Comment:

Address: 121 Catherine Street, Ann Arbor, MI
Approx Center: -83.7474963,42.28350435

Order No: 23101600291



500
Feet



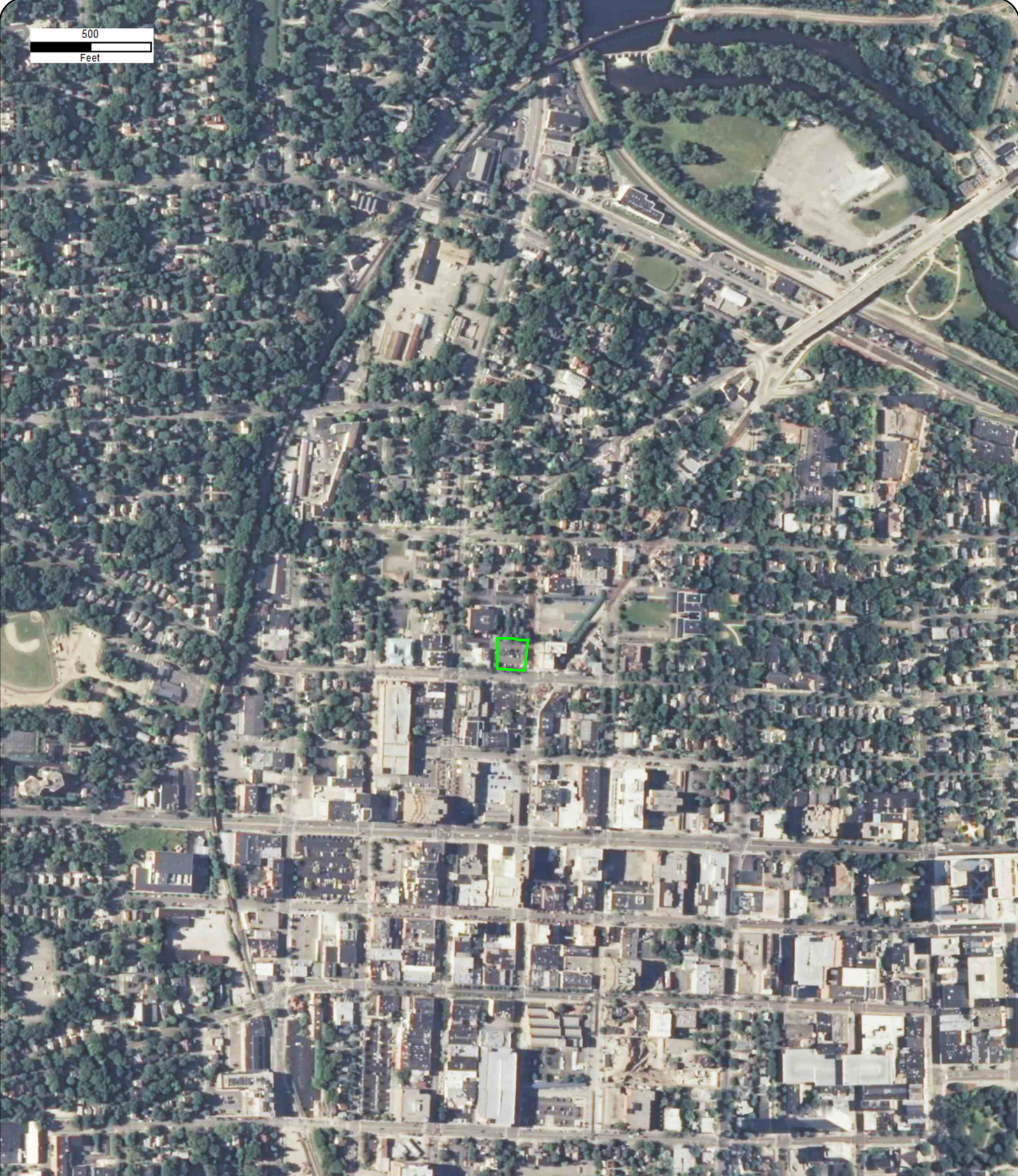
Year: 2012
Source: USDA
Scale: 1" = 500'
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Approx Center: -83.7474963,42.28350435

Order No: 23101600291



500
Feet



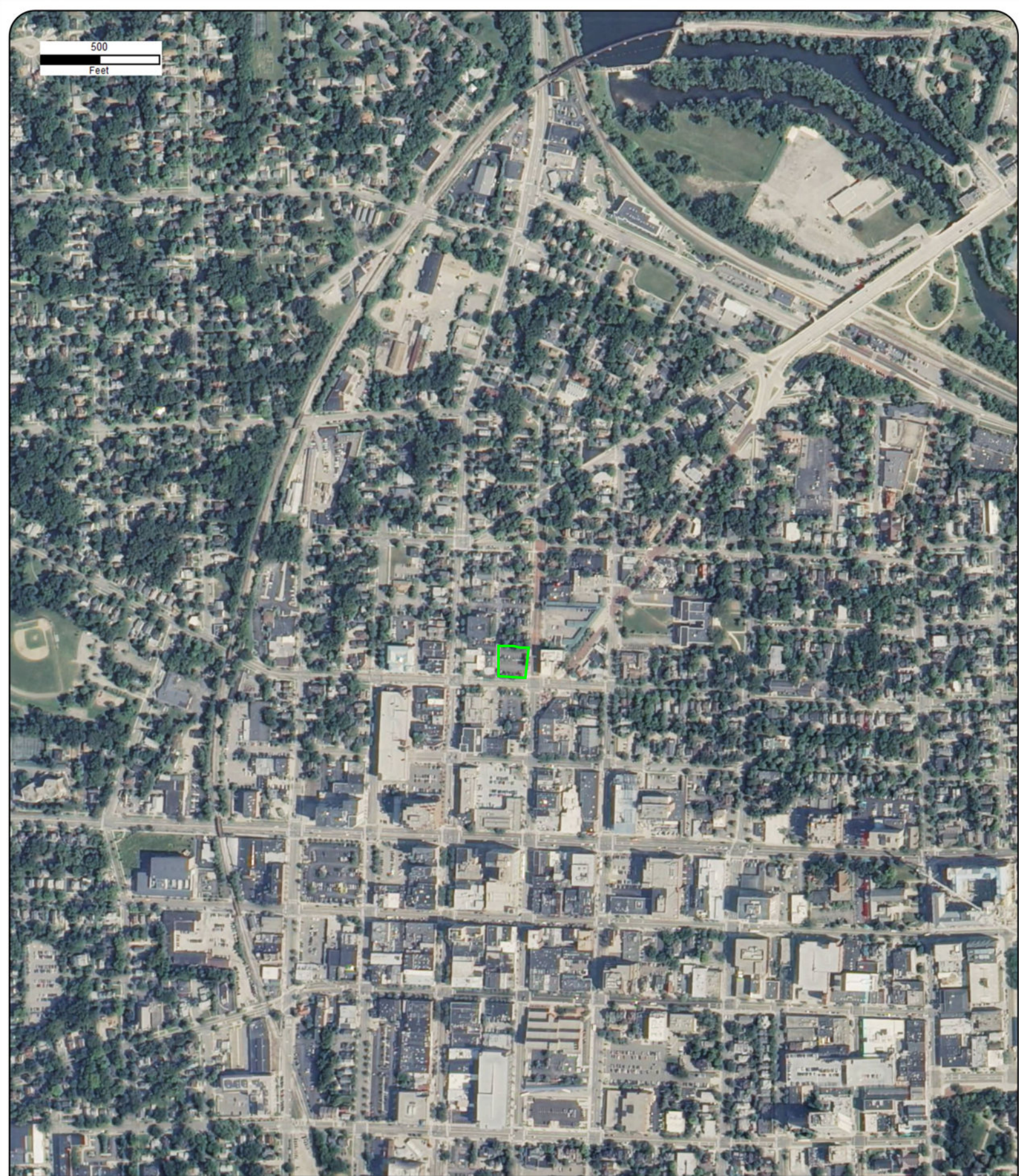
Year: 2010
Source: USDA
Scale: 1" = 500'
Comment:

Address: 121 Catherine Street, Ann Arbor, MI
Approx Center: -83.7474963,42.28350435

Order No: 23101600291



500
Feet



Year: 2009
Source: USDA
Scale: 1" = 500'
Comment:

Address: 121 Catherine Street, Ann Arbor, MI
Approx Center: -83.7474963,42.28350435

Order No: 23101600291



500
Feet



Year: 2006
Source: USDA
Scale: 1" = 500'
Comment:

Address: 121 Catherine Street, Ann Arbor, MI
Approx Center: -83.7474963,42.28350435

Order No: 23101600291



500
Feet



Year: 2005
Source: USDA
Scale: 1" = 500'
Comment:

Address: 121 Catherine Street, Ann Arbor, MI
Approx Center: -83.7474963,42.28350435

Order No: 23101600291



500
Feet



Year: 2000
Source: USGS
Scale: 1" = 500'
Comment:

Address: 121 Catherine Street, Ann Arbor, MI
Approx Center: -83.7474963,42.28350435

Order No: 23101600291



500
Feet



Year: 1993
Source: USGS
Scale: 1" = 500'
Comment: Best Copy Available

Address: 121 Catherine Street, Ann Arbor, MI
Approx Center: -83.7474963,42.28350435

Order No: 23101600291



500
Feet



Year: 1983
Source: USGS
Scale: 1" = 500'
Comment:

Address: 121 Catherine Street, Ann Arbor, MI
Approx Center: -83.7474963,42.28350435

Order No: 23101600291



500
Feet



Year: 1973
Source: USGS
Scale: 1" = 500'
Comment:

Address: 121 Catherine Street, Ann Arbor, MI
Approx Center: -83.7474963,42.28350435

Order No: 23101600291



500
Feet



Year: 1963
Source: USGS
Scale: 1" = 500'
Comment:

Address: 121 Catherine Street, Ann Arbor, MI
Approx Center: -83.7474963,42.28350435

Order No: 23101600291



500
Feet



Year: 1956
Source: DTE
Scale: 1" = 500'
Comment:

Address: 121 Catherine Street, Ann Arbor, MI
Approx Center: -83.7474963,42.28350435

Order No: 23101600291



500

Feet



Year: 1949
Source: DTE
Scale: 1" = 500'
Comment:

Address: 121 Catherine Street, Ann Arbor, MI
Approx Center: -83.7474963,42.28350435

Order No: 23101600291



500
Feet

29



ANN ARBOR

Year: 1937
Source: ASCS
Scale: 1" = 500'
Comment:

Address: 121 Catherine Street, Ann Arbor, MI
Approx Center: -83.7474963,42.28350435

Order No: 23101600291





TOPOGRAPHIC MAPS

Project Property: 121 Catherine Street
121 Catherine Street
Ann Arbor MI 48104

Project No: 230172

Requested By: Environmental Consulting & Technology, Inc.

Order No: 23101600291

Date Completed: October 16, 2023

We have searched USGS collections of current topographic maps and historical topographic maps for the project property. Below is a list of maps found for the project property and adjacent area. Maps are from 7.5 and 15 minute topographic map series, if available.

Year	Map Series
2019	7.5
2017	7.5
2014	7.5
1983	7.5
1978	7.5
1973	7.5
1965	7.5
1906	15
1902	15

Topographic Map Symbology for the maps may be available in the following documents:

Pre-1947

[Page 223 of 1918 Topographic Instructions](#)

[Page 130 of 1928 Topographic Instructions](#)

1947-2009

[Topographic Map Symbols](#)

2009-present

[US Topo Map Symbols](#)

Topographic Maps included in this report are produced by the USGS and are to be used for research purposes including a phase I report. Maps are not to be resold as commercial property.

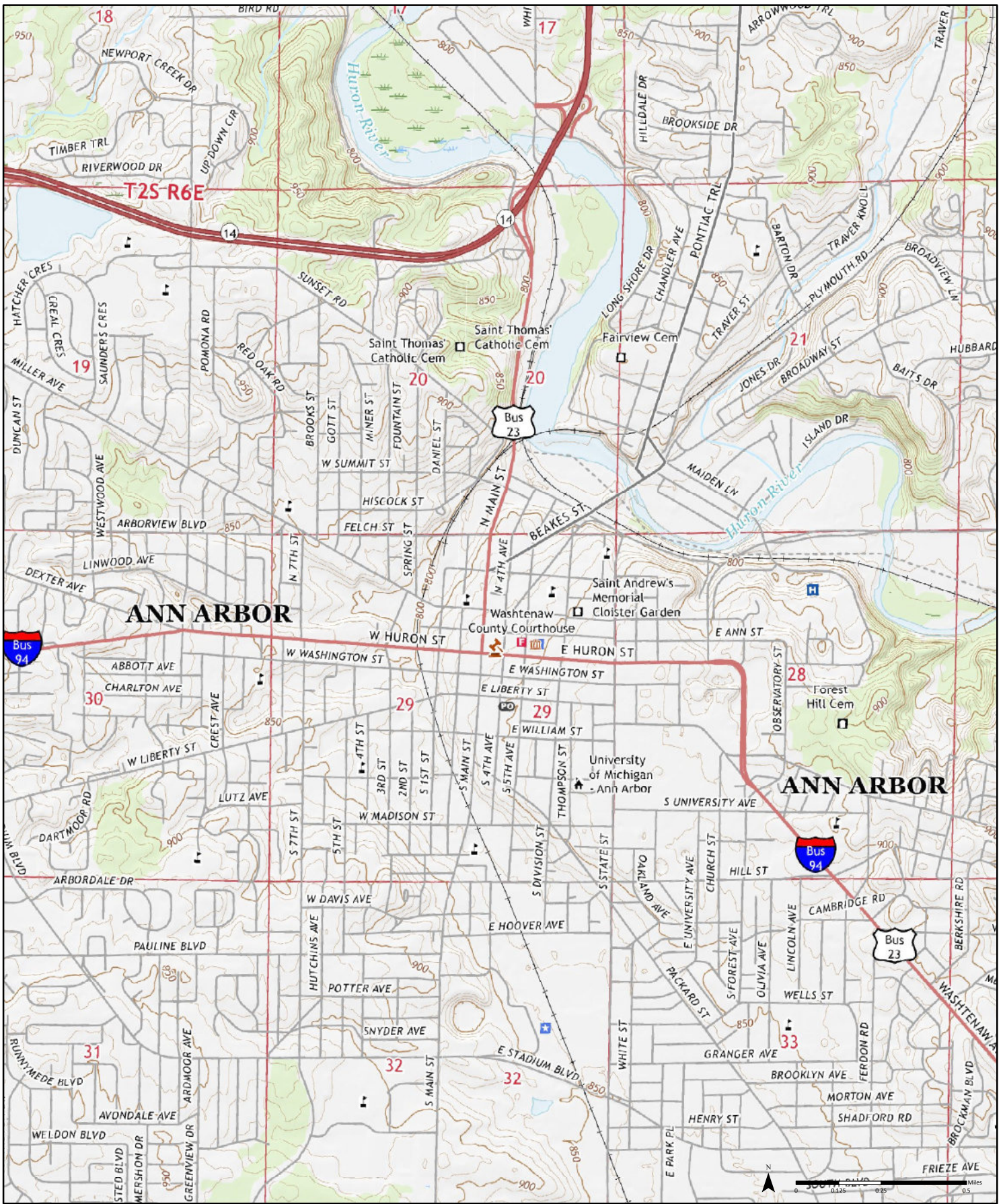
No warranty of Accuracy or Liability for ERIS: The information contained in this report has been produced by ERIS Information Inc.(in the US) and ERIS Information Limited Partnership (in Canada), both doing business as 'ERIS', using Topographic Maps produced by the USGS.

This maps contained herein does not purport to be and does not constitute a guarantee of the accuracy of the information contained herein. Although ERIS has endeavored to present you with 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.

Environmental Risk Information Services

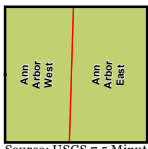
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Order No. 23101600291

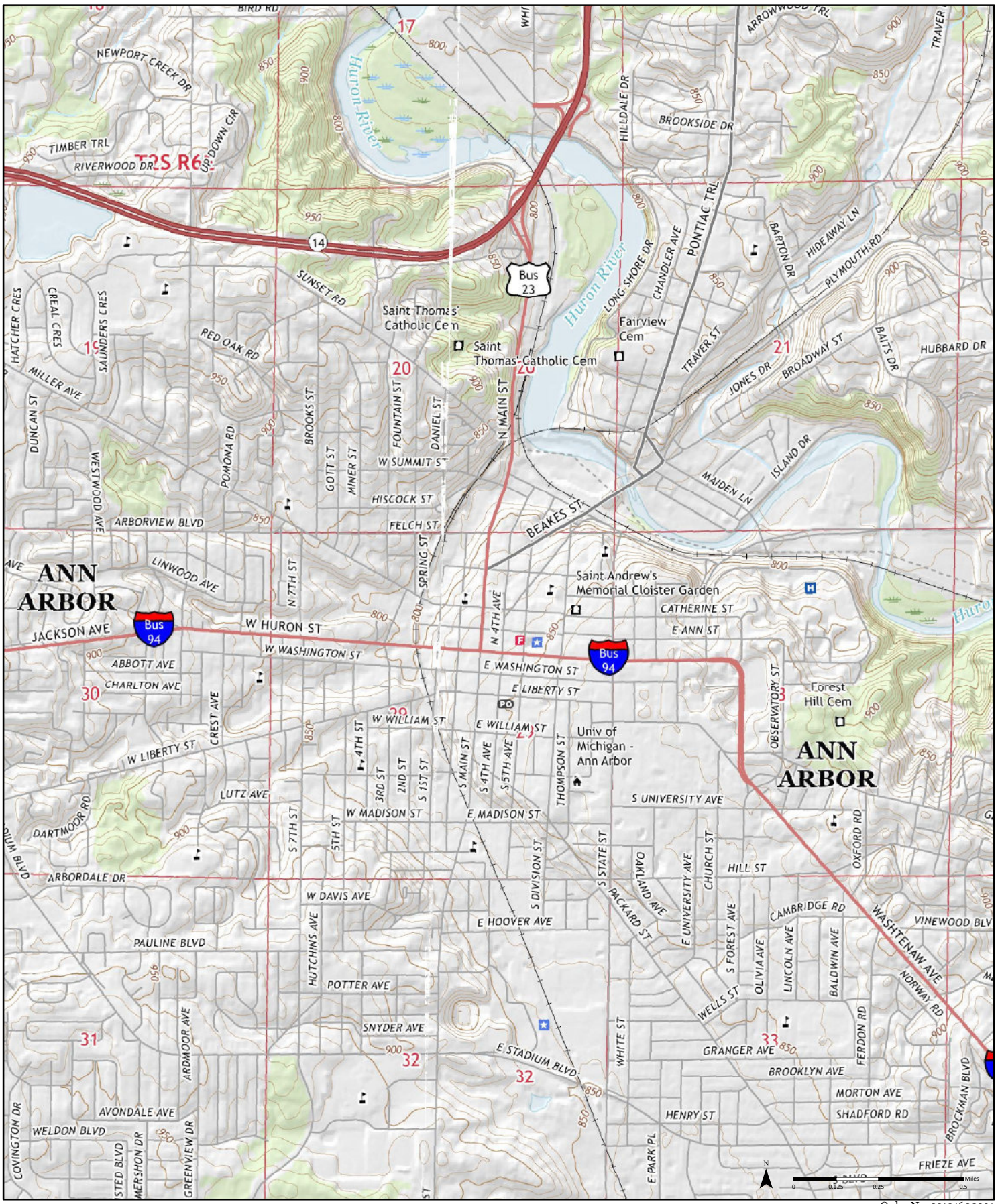
2019



Available Quadrangle(s): Ann Arbor East, MI
Ann Arbor West, MI

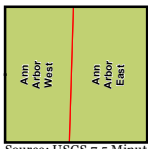


Source: USGS 7.5 Minute Topographic Map



Order No. 23101600291

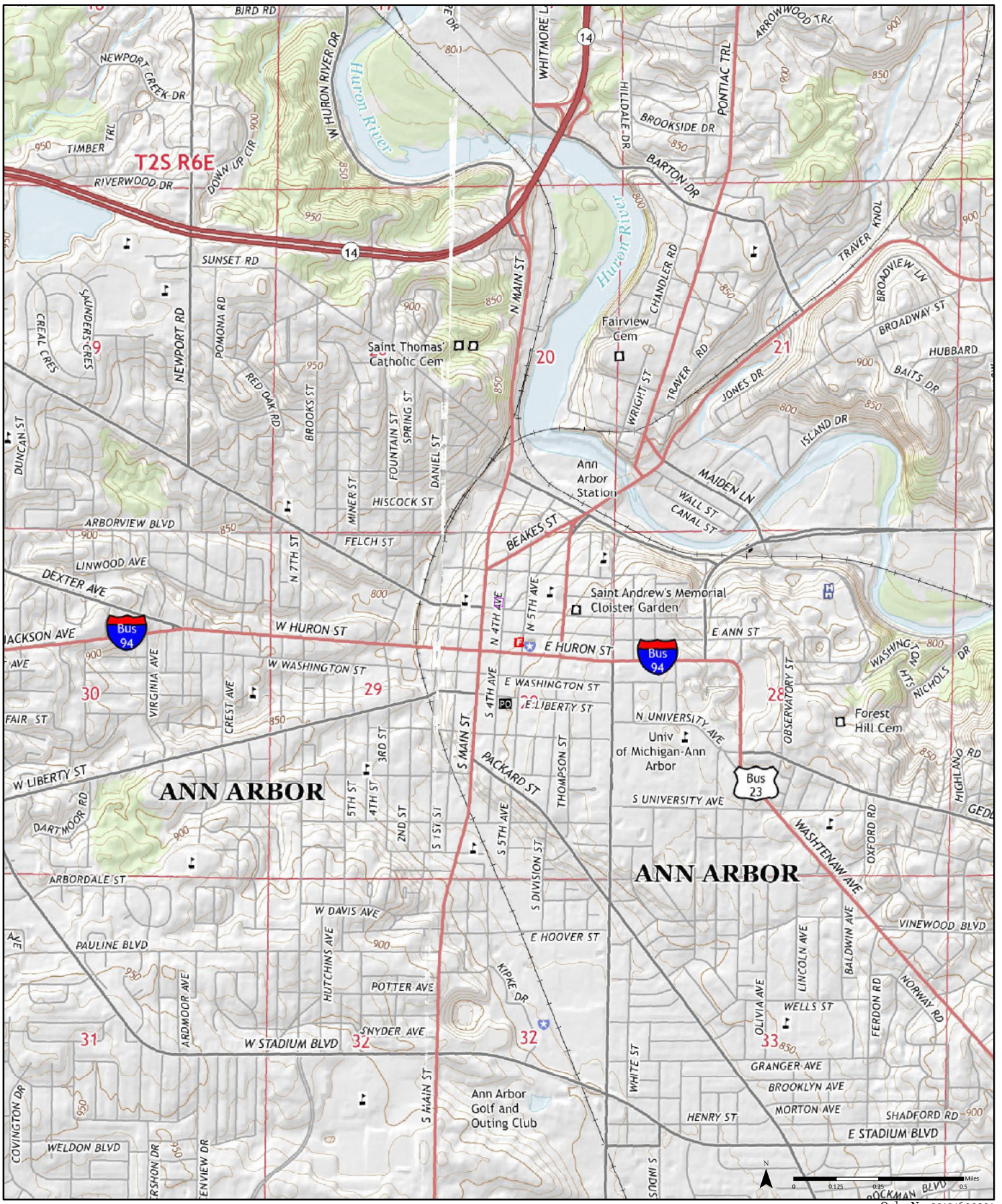
2017



Available Quadrangle(s): Ann Arbor East, MI
Ann Arbor West, MI

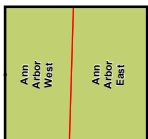


Source: USGS 7.5 Minute Topographic Map



2014

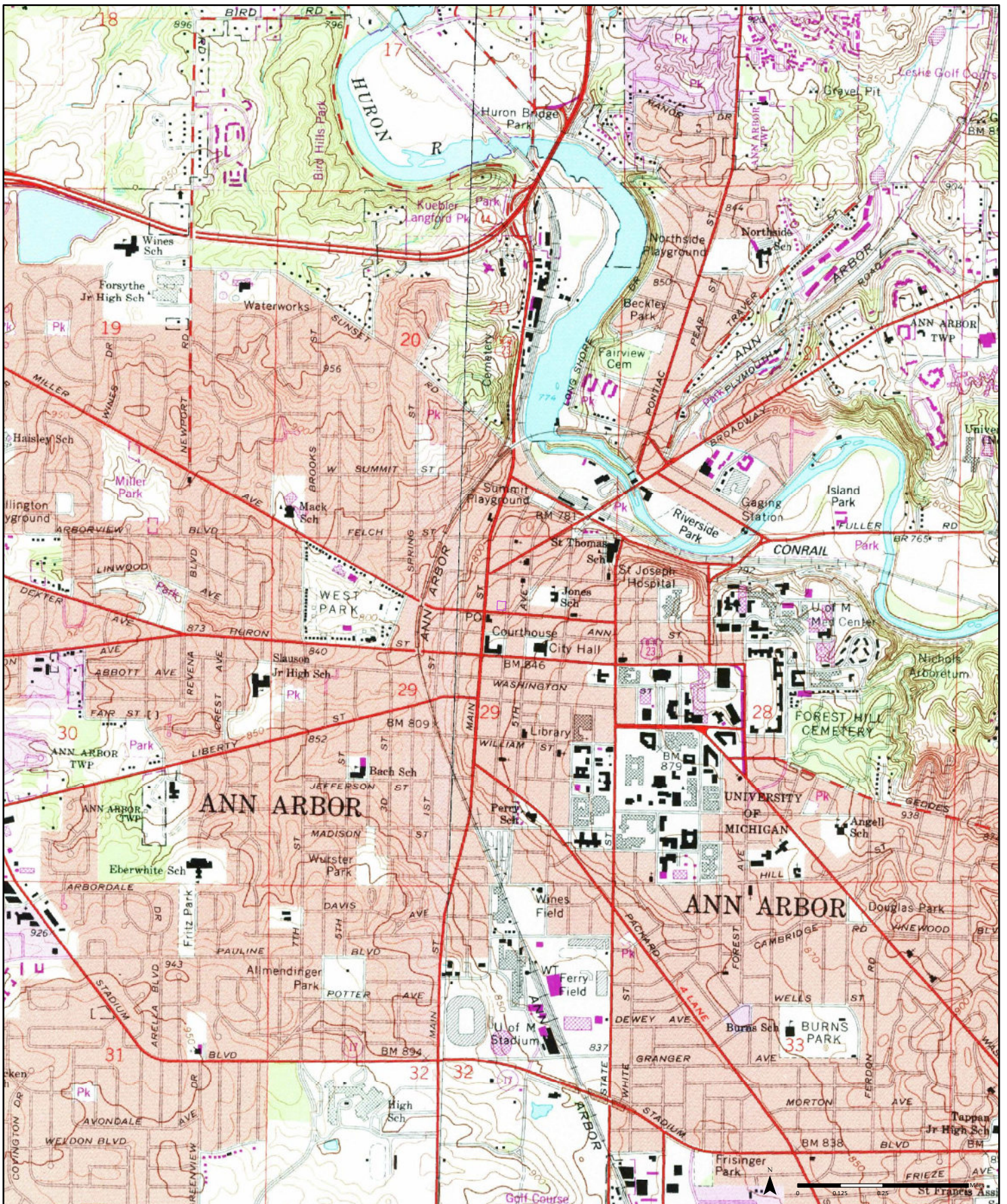
Order No. 23101600291



Available Quadrangle(s): Ann Arbor East, MI
Ann Arbor West, MI



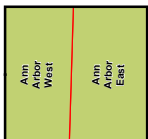
Source: USGS 7.5 Minute Topographic Map



1983

(1-1983) Aerial Photo Year: 1982
 (2-1983) Aerial Photo Year: 1982
 Photo Revision Year: 1983 Photo Revision Year: 1983

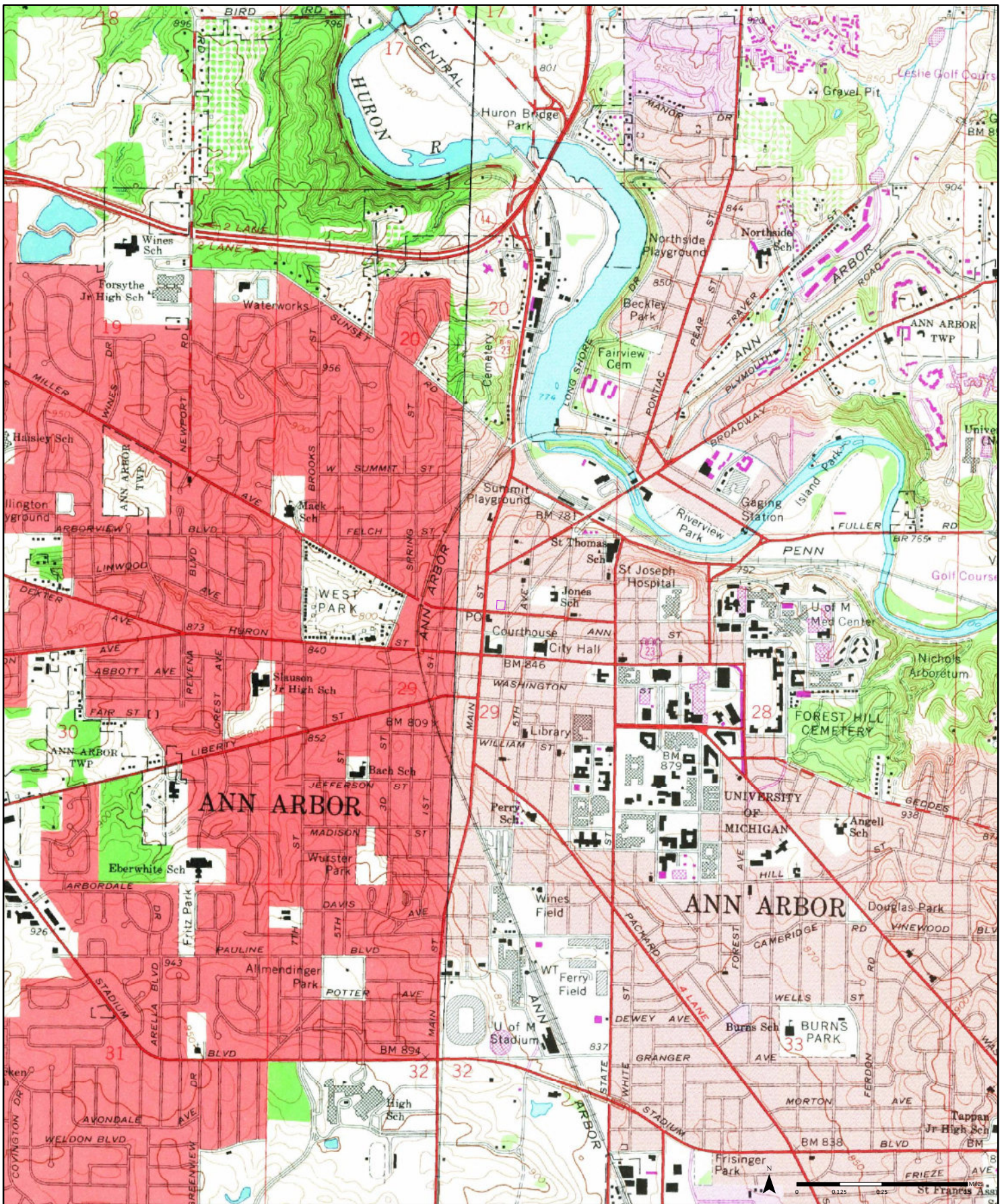
Order No. 23101600291



Available Quadrangle(s): Ann Arbor East, MI(1-1983)
 Ann Arbor West, MI(2-1983)



Source: USGS 7.5 Minute Topographic Map



1978

(1-1965) Aerial Photo Year: 1964

(2-1978) Aerial Photo Year: 1973

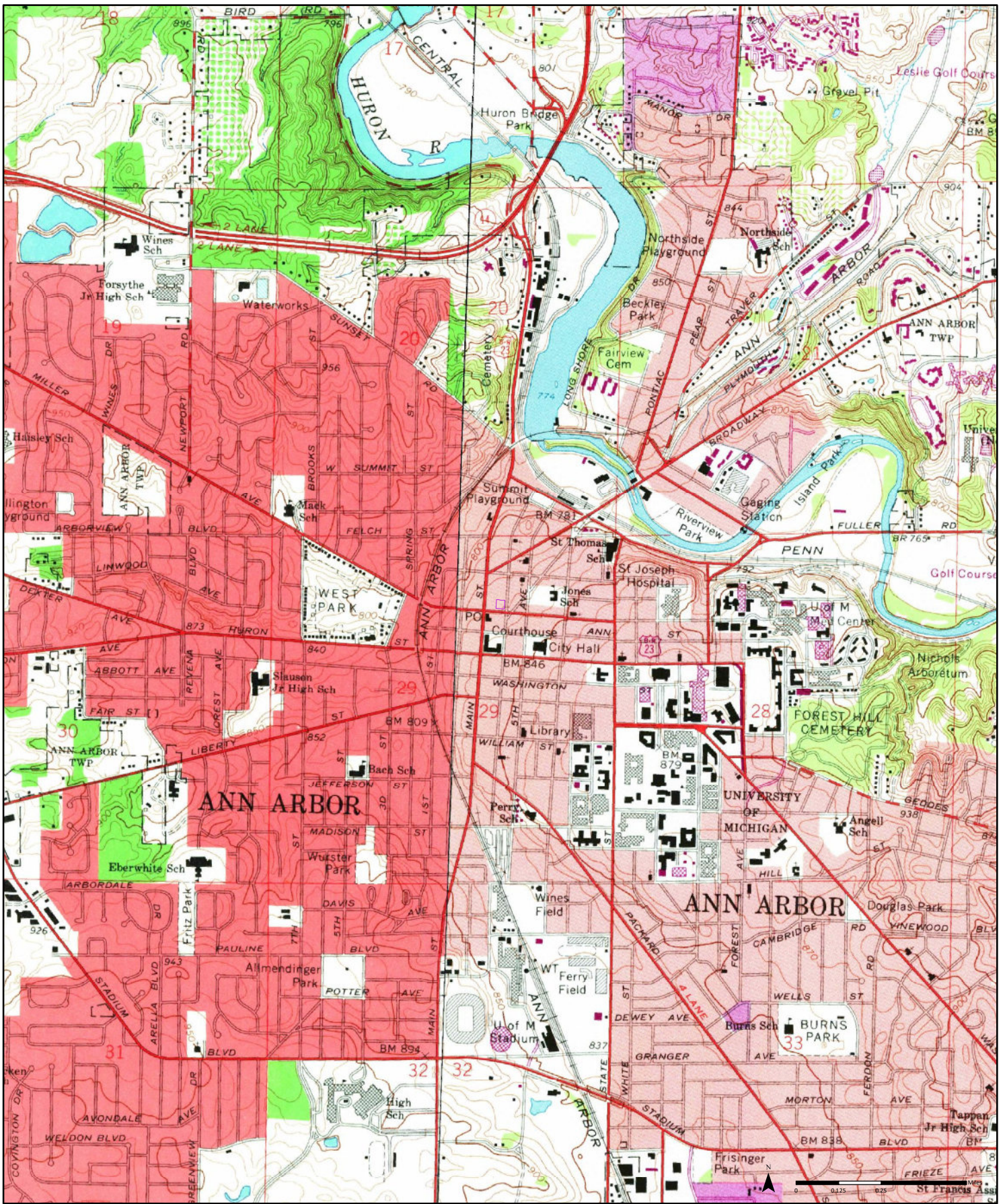
Photo Revision Year: 1973

Order No. 23101600291



Available Quadrangle(s): Ann Arbor East, MI(2-1978)
Ann Arbor West, MI(1-1965)

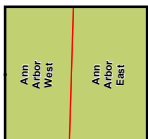




1973

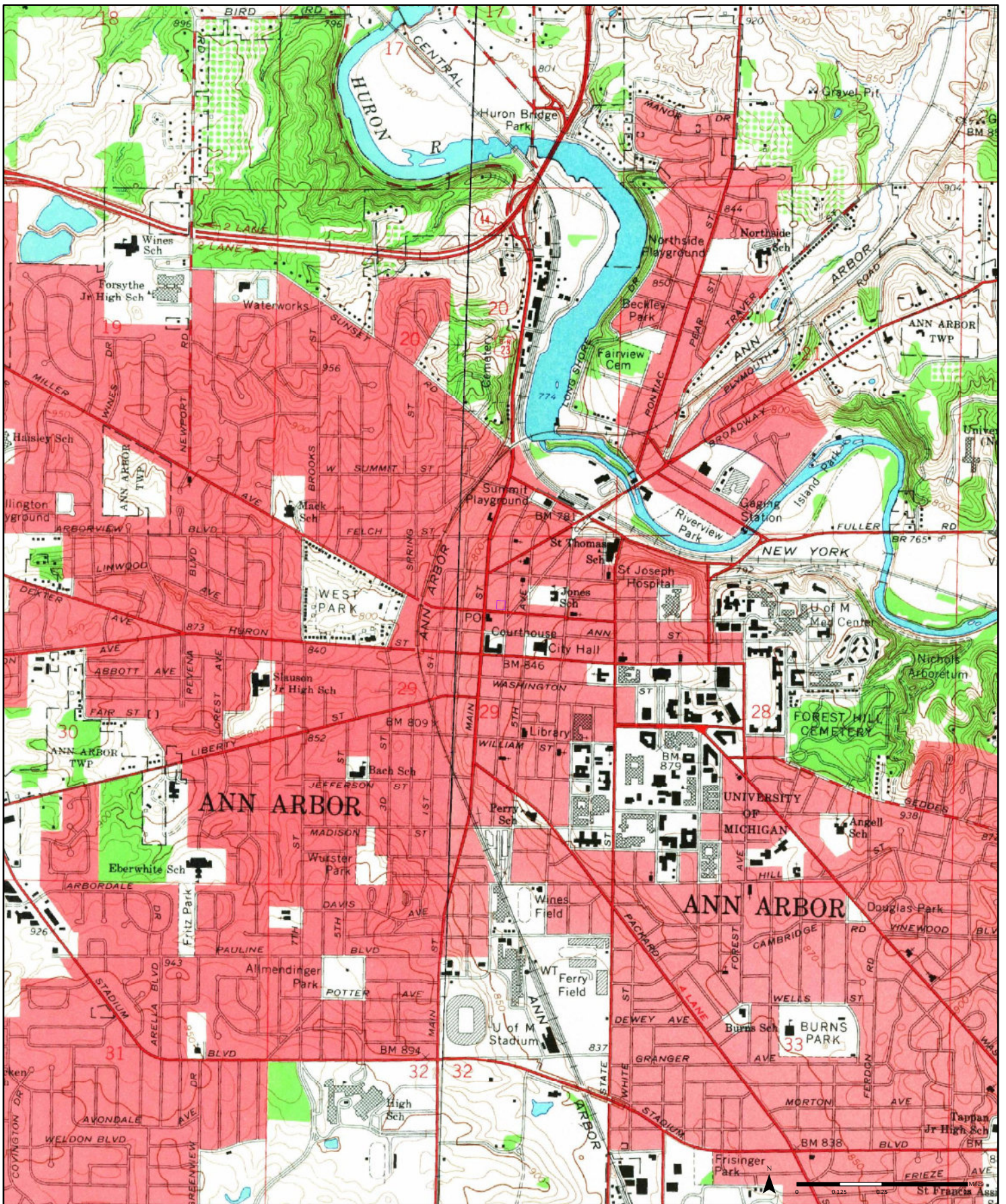
(1-1973) Aerial Photo Year: 1973
 (2-1965) Aerial Photo Year: 1964
 Photo Revision Year: 1973

Order No. 23101600291



Available Quadrangle(s): Ann Arbor East, MI(1-1973)
 Ann Arbor West, MI(2-1965)





1965

(2-1965) Aerial Photo Year: 1964

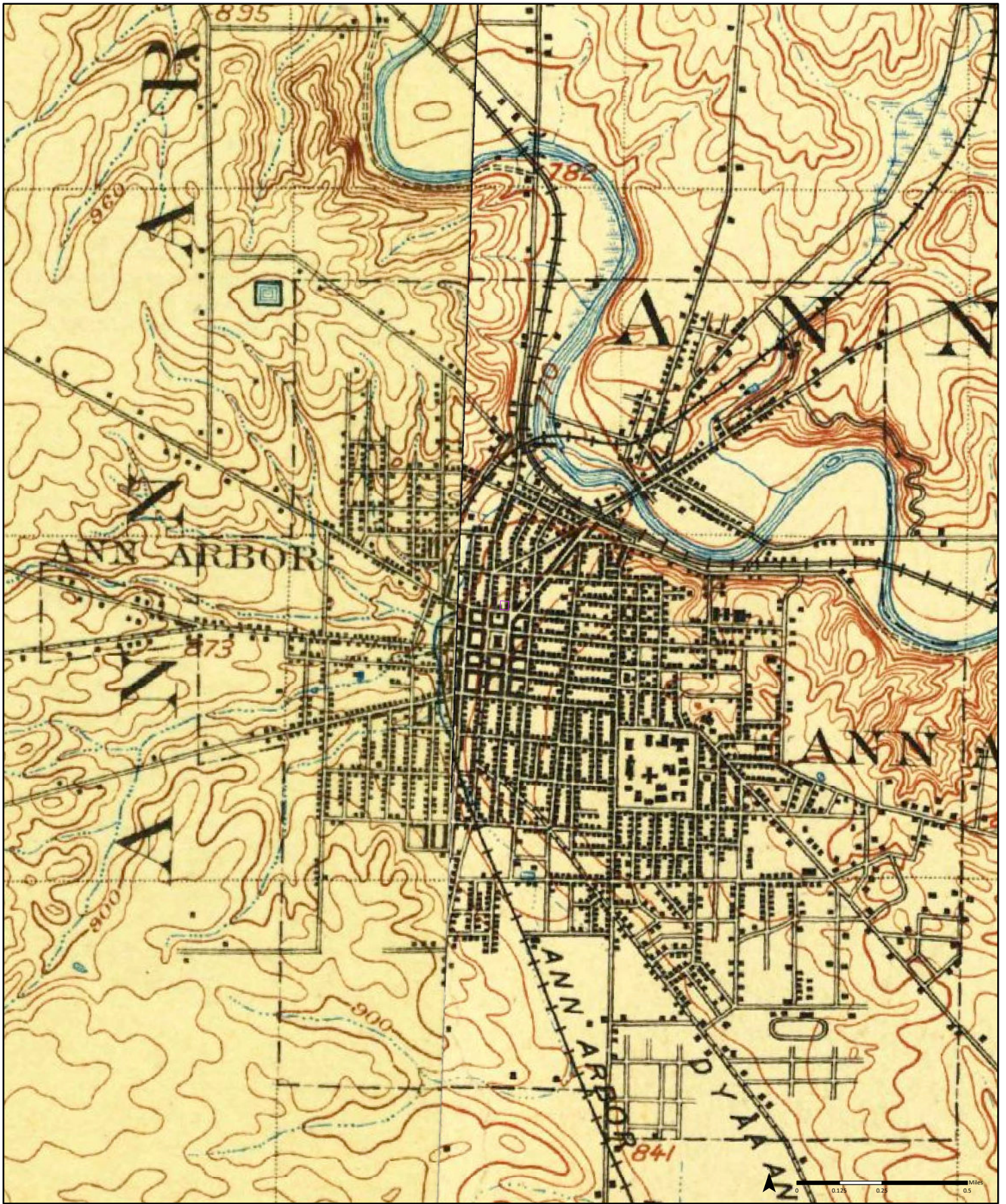
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Order No. 23101600291



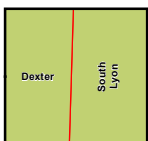
Available Quadrangle(s): Ann Arbor East, MI(2-1965)
Ann Arbor West, MI(1-1965)





1906

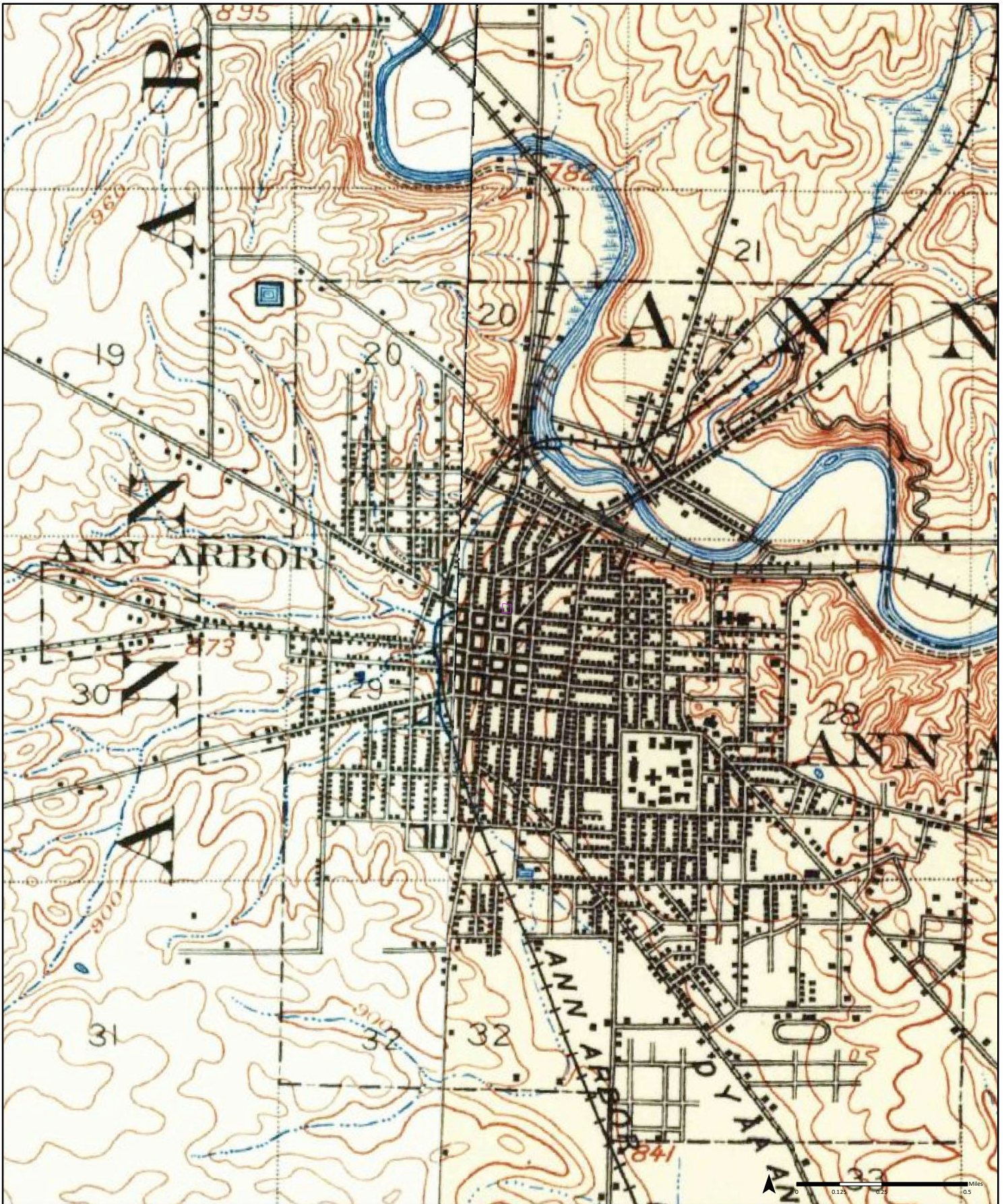
Order No. 23101600291



Available Quadrangle(s): South Lyon, MI
Dexter, MI

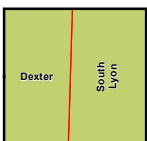
Source: USGS 15 Minute Topographic Map





1902

Order No. 23101600291



Available Quadrangle(s): South Lyon, MI
Dexter, MI

Source: USGS 15 Minute Topographic Map





FIRE
INSURANCE
MAPS

Project Property: 121 Catherine Street
121 Catherine Street
Ann Arbor MI 48104

Project No: 230172

Requested By: Environmental Consulting & Technology, Inc.

Order No: 23101600291

Date Completed: October 16, 2023

Listed below, please find the results of our search for historic fire insurance maps from our in-house collection, performed in conjunction with your ERIS report.

Date	City	State	Volume	Sheet Number(s)
1972	Ann Arbor	Michigan		14, 15, 17, 2, 6
1948	Ann Arbor	Michigan		14, 15, 17, 2, 6
1931	Ann Arbor	Michigan		14, 15, 17, 2, 6
1925	Ann Arbor	Michigan		11, 12, 2, 4, 8
1916	Ann Arbor	Michigan		3, 4, 6, 7, 8
1908	Ann Arbor	Michigan		2, 23, 3, 4
1899	Ann Arbor	Michigan		5, 7, 8
1892	Ann Arbor	Michigan		4, 5, 6
1888	Ann Arbor	Michigan		2, 3, 7

Individual Fire Insurance Maps for the subject property and/or adjacent sites are included with the ERIS environmental database report to be used for research purposes only and cannot be resold for any other commercial uses other than for use in a Phase I environmental assessment.

Environmental Risk Information Services

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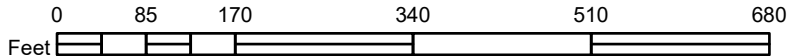
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Fire Insurance Map



1972

Address: 121 Catherine Street Ann Arbor MI 48104



14-A	15
17-A	02
03	04

Map sheet(s):
Volume NA: 14,15,17,2,6;

Order Number 23101600291

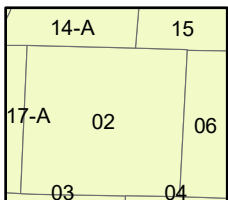
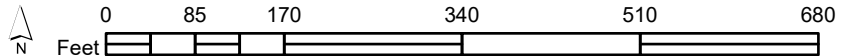


Fire Insurance Map



1948

Address: 121 Catherine Street Ann Arbor MI 48104



Map sheet(s):
Volume NA: 14,15,17,2,6;

Order Number 23101600291

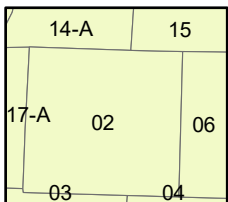
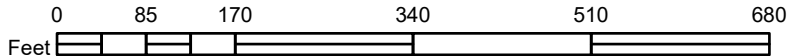


Fire Insurance Map



1931

Address: 121 Catherine Street Ann Arbor MI 48104

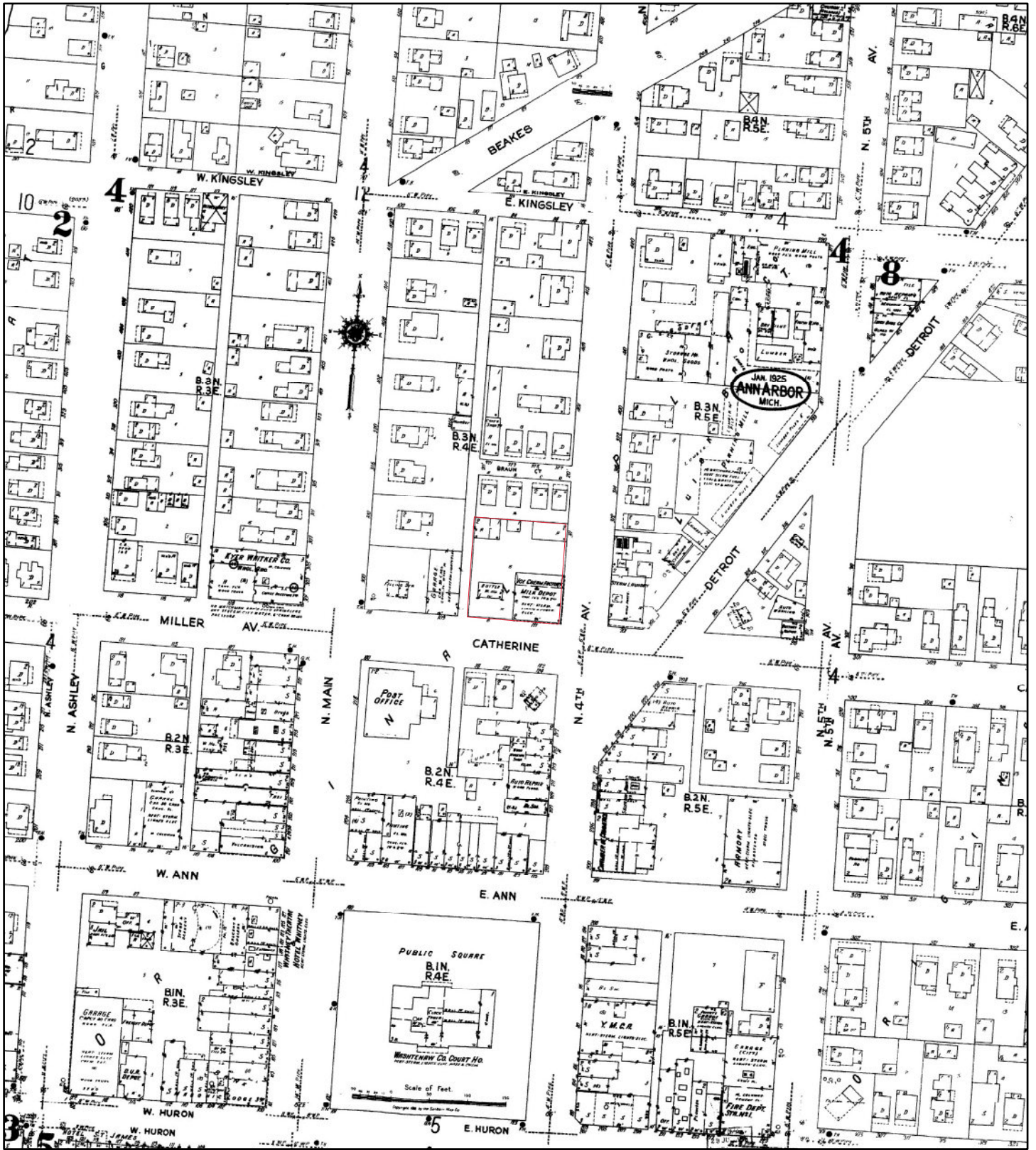


Map sheet(s):
Volume NA: 14,15,17,2,6;

Order Number 23101600291

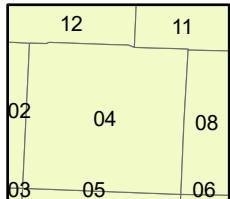
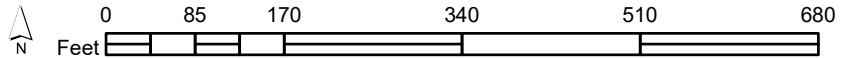


Fire Insurance Map



1925

Address: 121 Catherine Street Ann Arbor MI 48104

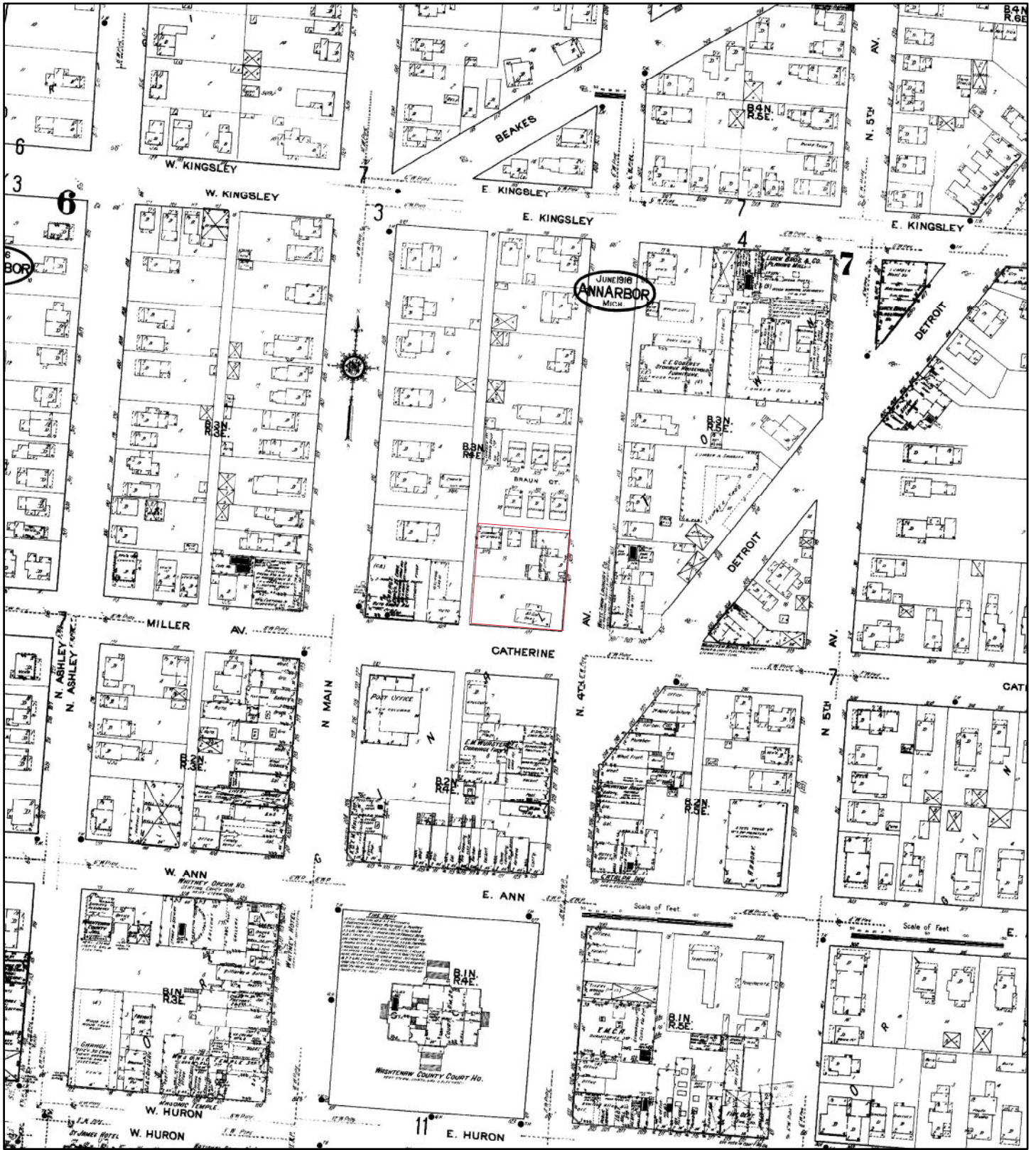


Map sheet(s):
Volume NA: 11,12,2,4,8;

Order Number 23101600291

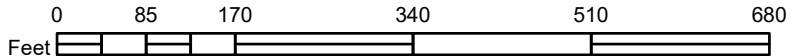


Fire Insurance Map



1916

Address: 121 Catherine Street Ann Arbor MI 48104



03	04
06	07
10	11

Map sheet(s):
Volume NA: 3,4,6,7,8;

Order Number 23101600291

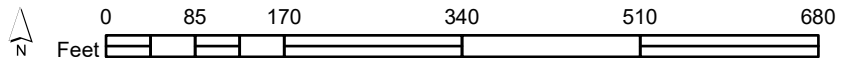


Fire Insurance Map



1908

Address: 121 Catherine Street Ann Arbor MI 48104



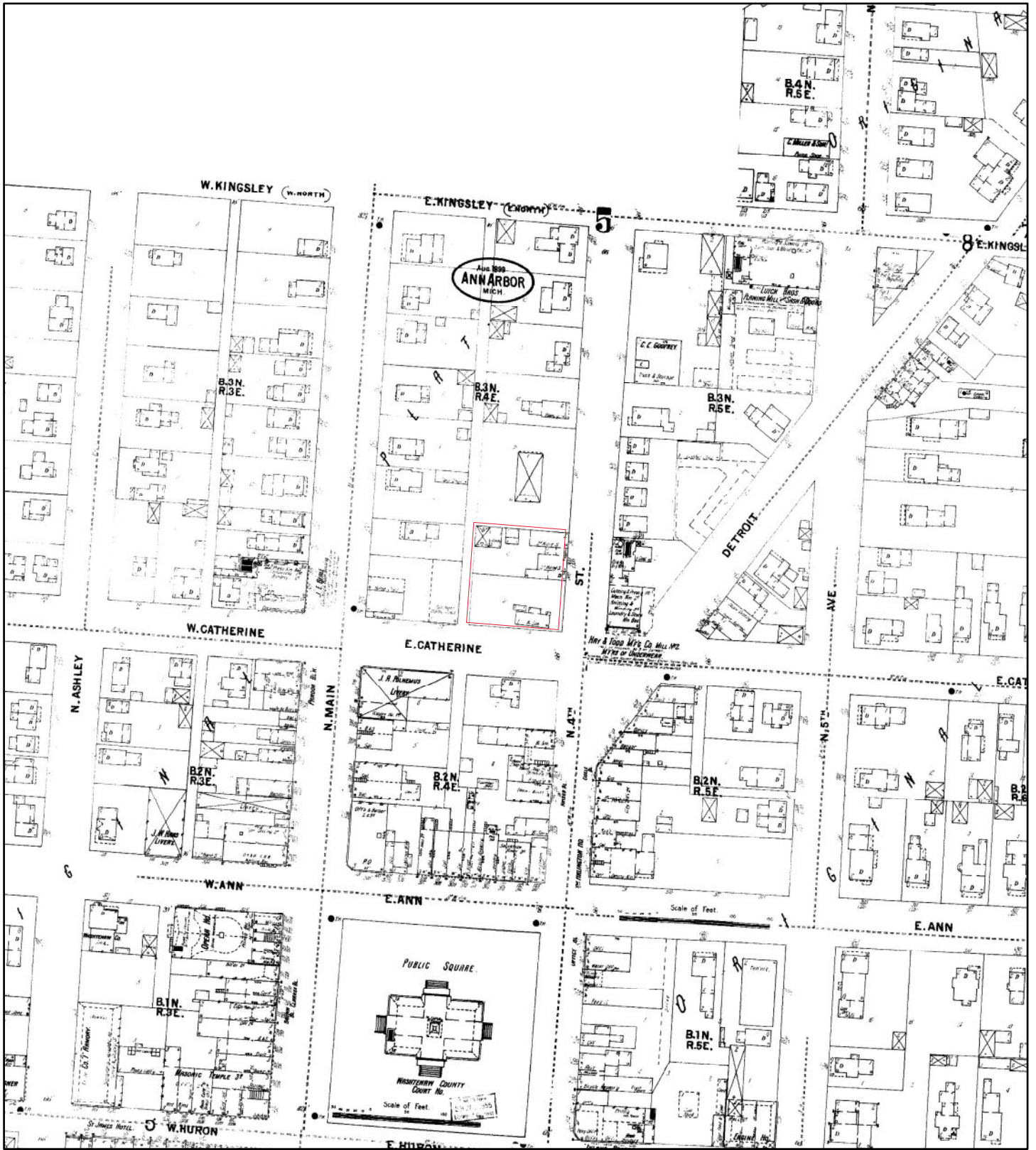
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02	03	04
07	08	09-A

Map sheet(s):
Volume NA: 2,23,3,4;

Order Number 23101600291

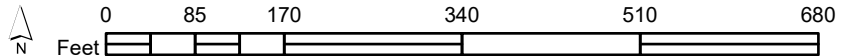


Fire Insurance Map



1899

Address: 121 Catherine Street Ann Arbor MI 48104



	08
05	07
04	06

Map sheet(s):
Volume NA: 5,7,8;

Order Number 23101600291



Fire Insurance Map



1892

Address: 121 Catherine Street Ann Arbor MI 48104

	06
04	05
02	03

Map sheet(s):
Volume NA: 4,5,6;

Order Number 23101600291



Fire Insurance Map



1888

Address: 121 Catherine Street Ann Arbor MI 48104

	07
02	03
05	04

Map sheet(s):
Volume NA: 2,3,7;

Order Number 23101600291





CITY
DIRECTORY

Project Property: *121 Catherine Street
121 Catherine Street
Ann Arbor, MI 48104*

Project No: *230172*

Requested By: *Environmental Consulting & Technology, Inc.*

Order No: *23101600291*

Date Completed: *October 20, 2023*

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

October 20, 2023
RE: CITY DIRECTORY RESEARCH
121 Catherine Street
Ann Arbor, MI 48104

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:

200-420 of 4th Ave

100-200 of Catherine St

Search Notes:

Search Results Summary

Date	Source	Comment
2022	DIGITAL BUSINESS DIRECTORY	
2020	DIGITAL BUSINESS DIRECTORY	
2016	DIGITAL BUSINESS DIRECTORY	
2012	DIGITAL BUSINESS DIRECTORY	
2008	DIGITAL BUSINESS DIRECTORY	
2003	DIGITAL BUSINESS DIRECTORY	
2000	DIGITAL BUSINESS DIRECTORY	
1996	POLKS	
1991	BRESSERS	
1986	BRESSERS	
1981	BRESSERS	
1976	BRESSERS	
1972	BRESSERS	
1968	POLKS	
1964	POLKS	
1960	POLKS	
1955	POLKS	
1951	POLKS	
1945	POLKS	
1940	POLKS	
1935	POLKS	
1930	POLKS	
1925	POLKS	

Environmental Risk Information Services

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1.866.517.5204 | info@erisinfo.com | erisinfo.com

200 ANN ARBOR RUNNING CO...GENERAL MERCHANDISE-RETAIL
 200 KALEIDOSCOPE BOOKS & CLLCTBLS...ANTIQUES-DEALERS
 200 KALEIDOSCOPE BOOKS CLLCTBLS...BOOK DEALERS-RETAIL
 201 BELLA NINA DAY SPA...SKIN TREATMENTS
 201 BELLA NINA DAY SPA...MASSAGE THERAPISTS
 201 BELLA NINA DAY SPA...ALTERNATIVE MEDICINE
 201 BELLA NINA DAY SPA...BEAUTY SALONS
 201 BELLANINA DAY SPA...HEALTH SPAS
 201 BELLANINA INSTITUTE...BUSINESS SERVICES NEC
 204 TEA HAUS LLC...TEA-WHOLESALE
 208 VICKI'S WASH WEAR HAIRCUTS...HAIR CUTTING/STYLING WIGS/HAIR PIECES
 209 BIRKENSTOCK...SHOES-RETAIL
 212 MOTTE & BAILEY BOOKSELLERS...BOOK DEALERS-RETAIL
 214 D LORANDOS PH D J D P C...NONCLASSIFIED ESTABLISHMENTS
 214 PEOPLES COOP...FOODS-NATURAL
 216 PEOPLE'S FOOD CO-OP...HEALTH & DIET FOODS-RETAIL
 216 PEOPLE'S FOOD CO-OP...CONVENIENCE STORES
 216 PEOPLE'S FOOD CO-OP...VITAMIN & FOOD SUPPLEMENTS
 218 BARTLEY, DINAH...PSYCHOLOGISTS
 218 EDEN, VIOLET A...COUNSELORS
 218 JONATHAN D SHAPIRO PLC...ASSOCIATIONS
 218 JONATHAN D SHAPIRO PLC...ATTORNEYS
 218 MARCIEL, ANNETTE M...COUNSELORS
 218 WYSS, KATIE M...SOCIAL WORKERS
 222 THISTLE BESS...JEWELERS-RETAIL
 222 THISTLE BESS...UNCLASSIFIED ESTABLISHMENTS
 226 NO THAI...FOODSCARRY OUT
 226 NO THAI...RESTAURANTS
 407 ANN ARBOR LOCKSMITH...LOCKS & LOCKSMITHS
 407 ANN ARBOR LOCKSMITH...TAXICABS & TRANSPORTATION SERVICE
 407 AT&T STORE...CELLULAR TELEPHONES (SERVICES)
 407 ATT BUSINESS PHONE SVC...CELLULAR TELEPHONES (SERVICES)
 409 GRATEFUL DREADS...NONCLASSIFIED ESTABLISHMENTS
 409 SANDRA ALCINI...RESIDENTIAL
 410 AGRISIGHT INC...DATA PROCESSING SOFTWARE
 410 AROUND TOWN INC...TOURS-OPERATORS & PROMOTERS
 410 HEH HUMAN ELECTRIC HYBRIDS...MOTORCYCLES & MOTOR SCOOTERS-
 DEALERS
 410 HOLLANDER'S-DECORATIVE PAPERS...BOOK DEALERS-USED & RARE
 410 HOLLANDERS DECORATIVE PAPERS...MISC INDSTR L EQUIP & SUPLS NEC
 (WHLS)
 410 PURE VISIBILITY INC...ADVERTISING-COMPUTER
 410 PURE VISIBILITY INC...ADVERTISING MARKETING
 410 PURE VISIBILITY INC...TELEVISIONCABLE & CATV
 410 SIXTEEN HANDS...ART GALLERIES & DEALERS
 410 SIXTEEN HANDS...MURALS
 410 SPUN...YARN-RETAIL
 415 KERRYTOWN CONCERT HOUSE...NON-PROFIT ORGANIZATIONS
 415 KERRYTOWN CONCERT HOUSE...ENTERTAINMENT BUREAUS

109 Q LIMITED...FEDERAL GOVERNMENT CONTRACTORS
 109 Q LIMITED...GRAPHIC DESIGNERS
 109 Q LIMITED...ADVERTISING-AGENCIES & COUNSELORS
 109 Q LIMITED...ECOMMERCE
 111 ROBERT KUHN...RESIDENTIAL

200 ANN ARBOR RUNNING CO...GENERAL MERCHANDISE-RETAIL
 200 KALEIDOSCOPE BOOKS CLLCTBLS...BOOK DEALERS-RETAIL
 200 KALEIDOSCOPE BOOKS & CLLCTBLS...ANTIQUES-DEALERS
 201 BELLA NINA DAY SPA...ALTERNATIVE MEDICINE
 201 BELLA NINA DAY SPA...MASSAGE THERAPISTS
 201 BELLA NINA DAY SPA...SKIN TREATMENTS
 201 BELLA NINA DAY SPA...BEAUTY SALONS
 201 BELLANINA DAY SPA...HEALTH SPAS
 201 BELLANINA INSTITUTE...BUSINESS SERVICES NEC
 204 TEA HAUS LLC...TEA-WHOLESALE
 208 VICKI'S WASH WEAR HAIRCUTS...HAIR CUTTING/STYLING WIGS/HAIR PIECES
 209 BIRKENSTOCK...SHOES-RETAIL
 211 A2 PUBLICATIONS...PUBLISHERS (MFRS)
 211 BASER LAW...ASSOCIATIONS
 211 BASER LAW...ATTORNEYS
 211 STATIN MED RESEARCH...DENTAL EQUIPMENT & SUPPLIESWHOLESALE
 211 STATIN MED RESEARCH...PHYSICIANS & SURGEONS EQUIP & SUPLS-WHLS
 212 MOTTE & BAILEY BOOKSELLERS...BOOK DEALERS-RETAIL
 214 AFFINITY WEALTH SOLUTIONS...ACCOUNTANTS
 214 AFFINITY WEALTH SOLUTIONS...FINANCIAL PLANNING CONSULTANTS
 214 CAFE VERDE...VITAMIN & FOOD SUPPLEMENTS
 214 CAFE VERDE...HEALTH & DIET FOODS-RETAIL
 214 CAFE VERDE...CONVENIENCE STORES
 214 CAFE VERDE...GROCERS-RETAIL
 214 D LORANDOS PH D J D P C...NONCLASSIFIED ESTABLISHMENTS
 214 LAW OFFICE OF CHRIS EASTHOPE...ATTORNEYS
 214 PEOPLES COOP...FOODS-NATURAL
 216 PEOPLE'S FOOD CO-OP...CONVENIENCE STORES
 216 PEOPLE'S FOOD CO-OP...HEALTH & DIET FOODS-RETAIL
 216 PEOPLE'S FOOD CO-OP...VITAMIN & FOOD SUPPLEMENTS
 218 BARTLEY, DINAH...PSYCHOLOGISTS
 218 CORE HEALING CTR...COUNSELORS-LICENSED PROFESSIONAL
 218 EDEN, VIOLET A...COUNSELORS
 218 MARCIEL, ANNETTE M...COUNSELORS
 222 THISTLE BESS...JEWELERS-RETAIL
 222 THISTLE BESS...UNCLASSIFIED ESTABLISHMENTS
 226 NO THAI...FOODSCARRY OUT
 226 NO THAI...RESTAURANTS
 407 ANN ARBOR LOCKSMITH...TAXICABS & TRANSPORTATION SERVICE
 407 ANN ARBOR LOCKSMITH...LOCKS & LOCKSMITHS
 407 AT&T STORE...CELLULAR TELEPHONES (SERVICES)
 407 ATT BUSINESS PHONE SVC...CELLULAR TELEPHONES (SERVICES)
 409 GRATEFUL DREADS...NONCLASSIFIED ESTABLISHMENTS
 409 SANDRA ALCINI...RESIDENTIAL
 410 AGRISIGHT INC...DATA PROCESSING SOFTWARE
 410 AROUND TOWN INC...TOURS-OPERATORS & PROMOTERS
 410 HOLLANDER'S...ARTISTS MATERIALS & SUPPLIES
 410 HOLLANDER'S...CRAFT SUPPLIES
 410 HOLLANDER'S-DECORATIVE PAPERS...BOOK DEALERS-USED & RARE
 410 HOLLANDERS-DECORATIVE PAPERS...MISC INDSTR L EQUIP & SUPLS NEC
 (WHLS)
 410 PURE VISIBILITY INC...TELEVISIONCABLE & CATV
 410 PURE VISIBILITY INC...ADVERTISING-COMPUTER
 410 PURE VISIBILITY INC...ADVERTISING MARKETING
 410 SIXTEEN HANDS...MURALS
 410 SIXTEEN HANDS...ART GALLERIES & DEALERS
 415 GREAT LAKES PERFORMING ARTIST...NON-PROFIT ORGANIZATIONS
 415 GREAT LAKES PERFORMING ARTIST...MUSICIANS
 415 KERRYTOWN CONCERT HOUSE...NON-PROFIT ORGANIZATIONS
 415 KERRYTOWN CONCERT HOUSE...ENTERTAINMENT BUREAUS
 420 COUNTY OF WASHTENAW...GOVERNMENT OFFICES-COUNTY
 420 LEGAL SERVICES-SOUTHEASTERN MI...FEDERAL GOVERNMENT
 CONTRACTORS
 420 LEGAL SERVICES-SOUTHEASTERN MI...CONSTRUCTION COMPANIES
 420 LEGAL SERVICES-SOUTHEASTERN MI...ATTORNEYS
 420 LEGAL SERVICES-SOUTHEASTERN MI...MUSIC INSTRUCTIONVOCAL
 420 MICHIGAN ADVOCACY PROGRAM...LEGAL SERVICES

109 Q LIMITED...FEDERAL GOVERNMENT CONTRACTORS
 109 Q LIMITED...GRAPHIC DESIGNERS
 109 Q LIMITED...ADVERTISING-AGENCIES & COUNSELORS
 109 Q LIMITED...ECOMMERCE
 111 ROBERT KUHN...RESIDENTIAL

200 KALEIDOSCOPE BOOKS & CLLCTBLS...ANTIQUES-DEALERS
 201 BELLA NINA DAY SPA...SKIN TREATMENTS
 201 BELLA NINA DAY SPA...MASSAGE THERAPISTS
 204 TEA HAUS LLC...TEA-WHOLESALE
 208 DOGMA CATMANTOO...PET SHOPS
 209 BIRKENSTOCK...SHOES-RETAIL
 211 A2 PUBLICATIONS...PUBLISHERS (MFRS)
 211 BASER LAW...ATTORNEYS
 211 STATIN MED RESEARCH...PHYSICIANS & SURGEONS EQUIP & SUPLS-WHLS
 212 MOTTE & BAILEY BOOKSELLERS...BOOK DEALERS-RETAIL
 214 AFFINITY WEALTH SOLUTIONS...FINANCIAL PLANNING CONSULTANTS
 214 CAFE VERDE...HEALTH & DIET FOODS-RETAIL
 214 LAW OFFICE OF CHRIS EASTHOPE...ATTORNEYS
 216 PEOPLE'S FOOD CO-OP...HEALTH & DIET FOODS-RETAIL
 216 PEOPLE'S FOOD CO-OP...CONVENIENCE STORES
 218 BARTLEY, DINAH...PSYCHOLOGISTS
 218 CORE HEALING CTR...COUNSELORS-LICENSED PROFESSIONAL
 218 ELEPHANT EARS...NONCLASSIFIED ESTABLISHMENTS
 222 SMOOTHIE KING...RESTAURANTS
 222 SMOOTHIE KING...HEALTH & DIET FOODS-RETAIL
 222 THISTLE BESS...UNCLASSIFIED ESTABLISHMENTS
 226 NO THAI...RESTAURANTS
 407 ANN ARBOR LOCKSMITH...LOCKS & LOCKSMITHS
 407 AT&T STORE...CELLULAR TELEPHONES (SERVICES)
 409 BELLANINA INSTITUTE...BUSINESS SERVICES NEC
 409 SANDRA ALCINI...RESIDENTIAL
 410 AROUND TOWN INC...TOURS-OPERATORS & PROMOTERS
 410 HOLLANDER'S...ARTISTS MATERIALS & SUPPLIES
 410 PURE VISIBILITY INC...ADVERTISING-COMPUTER
 410 PURE VISIBILITY INC...ADVERTISING MARKETING
 410 PURE VISIBILITY INC...INTERNET SERVICE
 410 SIXTEEN HANDS...ART GALLERIES & DEALERS
 415 GREAT LAKES PERFORMING ARTIST...MUSICIANS
 415 GREAT LAKES PERFORMING ARTIST...NON-PROFIT ORGANIZATIONS
 415 KERRYTOWN CONCERT HOUSE...NON-PROFIT ORGANIZATIONS
 415 KERRYTOWN CONCERT HOUSE...ENTERTAINMENT BUREAUS
 420 LEGAL SERVICES-SOUTHEASTERN MI...FEDERAL GOVERNMENT
 CONTRACTORS
 420 LEGAL SERVICES-SOUTHEASTERN MI...ATTORNEYS

109 Q LIMITED...GRAPHIC DESIGNERS
 109 Q LIMITED...ADVERTISING-AGENCIES & COUNSELORS
 111 ROBERT KUHN...RESIDENTIAL
 121 ELECTRIC CHARGING STATION...ELECTRIC CHARGING STATION

80 total records. Part 1 of 2

200 K BO...RESIDENTIAL
 200 KALEIDOSCOPE BOOKS & CLLCTBLS...BOOK DEALERS-USED & RARE
 201 BELLANIAN DAY SPA & GIFT BTQ...MASSAGE THERAPISTS
 201 BELLANINA DAY SPA & GIFTS BTQ...PHYSICAL FITNESS FACILITY
 203 BELLANIAN DAY SPA...OTHER PERSONAL CARE SVCS
 203 BELLANINA DAY SPA & GIFT BTQ...PHYSICAL FITNESS CT
 204 TEA HAUS LLC...OTHER GROCERY PROD MERCHANT WHOLS
 204 TEA HAUS LLC...TEA-WHOLESALE
 208 DOGMA CATMANTOO...PETS,PET SUPPS
 208 DOGMA CATMANTOO...PET & PET SUPPLIES STORES
 208 DOGMA CATMANTOO...PET SHOPS
 209 BIRKENSTOCK...SHOE STORES
 209 BIRKENSTOCK...SHOES-RETAIL
 211 FOURTH AVE SLEEP SHOP...BEDDINGS AND LINENS
 211 FOURTH AVE SLEEP SHOP...FURNITURE STORES
 211 STATIN MED RESEARCH...MEDICAL RESEARCH
 212 BAILEY MOTTE...RESIDENTIAL
 212 MENLO INNOVATIONS LLC...SERVICES-COMPUTER PROGRAMMING SERVICES
 212 MOTTE & BAILEY BOOKSELLERS...BOOK STORES
 212 MOTTE & BAILEY BOOKSELLERS...BOOK DEALERS-USED & RARE
 214 CAFE VERDE...COFFEE SHOP
 214 CAFE VERDE...COFFEE SHOPS
 214 CAFE VERDE...SNACK & NONALCOHOLIC BEVERAGE BARS
 214 D LORANDOS PH D J D P C...LEGAL SERVICES OFFICE
 214 LORANDOS & ASSOC...ATTORNEYS
 214 LORANDOS & ASSOCIATES...OFFICES OF LAWYERS
 214 LORANDOS & ASSOCIATES...LEGAL SERVICES
 214 PEOPLES COOP...RET MISC FOODS EATING PLACE
 216 PEOPLES FOOD CO-OP...HEALTH & DIET FOODS-RETAIL
 216 PEOPLES FOOD COOPERATIVE...FOOD STORES
 216 PEOPLES FOOD COOPERATIVE...HEALTH & DIET FD STRS
 216 PEOPLES FOOD COOPERATIVE...FOOD, HEALTH, SUPPLEMENT STORES
 218 BARTLEY, DINAH...PSYCHOLOGISTS
 218 BASER LAW...ATTORNEYS
 218 BASER LAW...OFFICES OF LAWYERS
 218 BERG IMPORTS LLC...FOOD, HEALTH, SUPPLEMENT STORES
 218 BERG IMPORTS LLC...HEALTH & DIET FD STRS
 218 BODY HAELEN PHYSIOTHERAPY...OFFICES OF SPECIALTY THERAPISTS
 218 DONNELLY, SIOBHAN...OFFICES OF MISC HEALTH PRACTITIONERS
 218 FINE TUNING BODY WORKS...MISC PERSONAL SERVICES
 218 SIOBHAN DONNELLY...MEDICAL DOCTORS OFF
 218 STAT IN NED RESEARCH...MARKETING RESEARCH & PUBLIC OPEN POLLING
 218 TRADITONAL CHINESE ACUPUNCTURE...HEALTH PRACTITIONER'S OFFICE
 218 ZINGERMANS DELI...QUICK SERV SANDWICH/DELI
 222 NO THAI...FULL-SERVICE RESTAURANTS
 222 NO THAI...ORIENTAL MENU
 222 SMOOTHIE KING...FOOD, HEALTH, SUPPLEMENT STORES
 222 SMOOTHIE KING...HEALTH & DIET FD STRS
 222 SMOOTHIE KING...HEALTH & DIET FOODS-RETAIL
 224 HYPERTEAM PERCINA...HEALTH PRACTITIONER'S OFFICE
 226 ANN ARBOR DOOR & LOCK...LOCKSMITH SHOP
 226 NO THAI...RESTAURANTS
 409 BELLANIAN DAY SPA & GIFT...PHYSICAL FITNESS CT
 409 BELLANINA INSTITUTE...BUSINESS SERVICES NEC
 409 BELLINA DAY SPA & BOUTIQUE...PERSONAL SERVICES
 409 NINA HOWARD...RESIDENTIAL
 410 ACCENT REDUCTION INSTITUTE...LANGUAGE TRAINING AIDS
 410 ACCENT REDUCTION INSTITUTE
 410 AROUND TOWN INC...TOURS-OPERATORS & PROMOTERS
 410 AROUND TOWN INC...TOUR OPERATORS
 410 AROUND TOWN TOUR...TOUR OPERATOR
 410 AROUND TOWN TOUR...TOUR OPERATOR MANAGEMENT CONSULTING SERVICES
 410 HOLLANDER'S...ARTISTS MATERIALS & SUPPLIES
 410 HOLLANDERS...HOBBY, TOY, & GAME STORES
 410 HOLLANDERS...HOBBY,CRAFT SUPPS
 410 KERRYTOWN MARKET & SHOPS...SHOPPING CTR OPER

Part 2 of 2

410 KERRYTOWN SHOPS...LESSORS OF NONRESIDENTIAL BUILDINGS
 410 MENLO ASSOCIATES LLC...COMPUTER SOFTWARE
 410 MENLO ASSOCIATES LLC...COMPUTER & SOFTWARE STORES
 410 SIXTEEN HANDS...ART GALLERIES/DEALERS
 410 SIXTEEN HANDS...ART DEALERS
 410 SIXTEEN HANDS...ART DEALERS
 415 KERRYTOWN CONCERT HOUSE...SOCIAL SERVICES NEC
 415 KERRYTOWN CONCERT HOUSE...OTHER SOCIAL ADVOCACY ORGANIZATIONS
 415 KERRYTOWN CONCERT HOUSE...NON-PROFIT ORGANIZATIONS
 415 KERRYTOWN CONCERT HOUSE INC...ENTERTAINER/ENTERTAINMENT GROUP
 420 LEGAL SERVICES OF S CENTL MICH...LEGAL SERVICES OFFICE
 420 LEGAL SERVICES SOUTHEASTERN MI...OFFICES OF LAWYERS
 420 LEGAL SERVICES SOUTHEASTERN MI...LEGAL SERVICES
 420 LEGAL SERVICES-SOUTHEASTERN MI...ATTORNEYS

109 **BABEL LINGUISTICS INC...**TRANSLATORS & INTERPRETERS
 109 **Q LIMITED...**GRAPHIC DESIGN SVCS
 109 **Q LIMITED...**ART DESIGN SERVICES
 109 **Q LIMITED...**GRAPHIC DESIGNERS
 109 **Q LIMITED...**MARKETING COMMUNICATIONS AGENCY
 111 **ROBERT KUHN...**RESIDENTIAL

200 **KALEIDOSCOPE BOOKS & CLLCTBLS...**BOOK STORES
 201 **BELLANINA DAY SPA & GIFTS BTQ...**PHYSICAL FITNESS FACILITY
 203 **BELLANINA DAY SPA & GIFT BTQ...**PHYSICAL FITNESS CT
 206 **CAKE NOUVEAU...**RETAIL BAKERIES
 208 **DOGMA CATMANTOO...**PETS,PET SUPPS
 209 **BIRKENSTOCK...**SHOE STORES
 211 **FOURTH AVE SLEEP SHOP...**BEDDINGS AND LINENS
 211 **JOSEPH CLEMENTS...**RESIDENTIAL
 212 **MOTTE & BAILEY BOOKSELLERS...**BOOK STORES
 214 **CAFE VERDE...**COFFEE SHOP
 214 **D LORANDOS PH D J D P C...**LEGAL SERVICES OFFICE
 214 **LORANDOS & ASSOCIATES...**LEGAL SERVICES
 214 **PEOPLES COOP...**RET MISC FOODS EATING PLACE
 214 **ROBERT MORRISON...**RESIDENTIAL
 216 **PEOPLES FOOD COOPERATIVE...**HEALTH & DIET FD STRS
 218 **BERG IMPORTS LLC...**HEALTH & DIET FD STRS
 218 **EDWARD A CLARK...**RESIDENTIAL
 218 **FINE TUNING BODY WORKS...**MISC PERSONAL SERVICES
 218 **SIOBHAN DONNELLY...**RESIDENTIAL
 218 **SIOBHAN DONNELLY...**MEDICAL DOCTORS OFF
 218 **TRADITONAL CHINESE ACUPUNCTURE...**HEALTH PRACTITIONER'S OFFICE
 218 **ZINGERMANS DELI...**QUICK SERV SANDWICH/DELI
 222 **NO THAI...**ORIENTAL MENU
 222 **SMOOTHIE KING...**HEALTH & DIET FD STRS
 224 **HYPERTeam PERCINA...**HEALTH PRACTITIONER'S OFFICE
 224 **ROBERT KENNEDY...**RESIDENTIAL
 226 **ANN ARBOR DOOR & LOCK...**LOCKSMITH SHOP
 322 **ANDREW J KOKINAKES...**RESIDENTIAL
 409 **ANNE TAYLOR...**RESIDENTIAL
 409 **BELLANIAN DAY SPA & GIFT...**PHYSICAL FITNESS CT
 409 **BELLINA DAY SPA & BOUTIQUE...**PERSONAL SERVICES
 410 **AROUND TOWN INC...**TOUR OPERATORS
 410 **AROUND TOWN TOUR...**TOUR OPERATOR MANAGEMENT CONSULTING SERVICES
 410 **HOLLANDERS...**HOBBY,CRAFT SUPPS
 410 **KERRYTOWN MARKET & SHOPS...**SHOPPING CTR OPER
 415 **JEAN SCHNEIDER...**RESIDENTIAL
 415 **KERRYTOWN CONCERT HOUSE...**SOCIAL SERVICES NEC
 415 **KERRYTOWN CONCERT HOUSE INC...**ENTERTAINER/ENTERTAINMENT GROUP
 420 **LEGAL SERVICES OF S CENTL MICH...**LEGAL SERVICES OFFICE
 420 **LEGAL SERVICES-SOUTHEASTERN MI...**LEGAL SERVICES

109 **Q LIMITED**...MARKETING COMMUNICATIONS AGENCY
 109 **Q LIMITED**...ART DESIGN SERVICES
 111 **ROBERT F KUHN**...RESIDENTIAL

200 **WOODEN SPOON BOOKS**...HOME FURNISHINGS AND APPLIANCES,
 SECONDHAND
 203 **ADAM'S GARDEN OF EDEN**
 203 **BELLANINA DAY SPA & GIFTS**
 208 **PRIMEDIA**...NEWSLETTER PUBLISHING
 209 **FOURTH AVENUE BIRKENSTOCK**...CUSTOM AND ORTHOPEDIC SHOES
 211 **HALL'S BARBER SHOP**
 214 **CAFE VERDE**
 214 **LORANDOS D ATTY**
 214 **MORRISON ROBERT ATTY**
 214 **RADOVAN STIPANOVIC LAW OFFICES**
 216 **PEOPLE'S FOOD COOPERATIVE**...HEALTH AND DIETETIC FOOD STORES
 218 **ADAM CHARLES CONSULTING**...LECTURING SERVICES
 218 **BETH A MSW STEWARD**...RESIDENTIAL
 218 **COLLIER CONSULTING**...BUSINESS PLANNING AND ORGANIZING SERVICES
 218 **CRAWFORD JUDI MSW SPEIR**...RESIDENTIAL
 218 **DONNELLY SIOBHAN**
 218 **EDWARD A CLARK**...RESIDENTIAL
 218 **FINE TUNING**
 218 **JOAN V PHD JACKSON**...RESIDENTIAL
 218 **NANCY PHD RIETDORF**...RESIDENTIAL
 218 **WILL SIMMONS CONSTRUCTION**
 218 **ZINGERMANS DELI**
 222 **JOE JOE'S CAFE & RAW JUICES**...STEAK AND BARBECUE RESTAURANTS
 224 **KRISTEN WASKIEWICZ**...RESIDENTIAL
 224 **Z S STROTHER**...RESIDENTIAL
 226 **ANN ARBOR DOOR CLOSER & LOCK**...AIRCRAFT AND HEAVY EQUIPMENT
 REPAIR SERVICES
 322 **ANDREW J KOKINAKES**...RESIDENTIAL
 409 **BELLANINA DAY SPA & GIFT BTQ**...COSMETOLOGY AND PERSONAL HYGIENE
 SALONS
 409 **NINA HOWARD STUDIO & DAY SPA**
 409 **SCOTT NAKOM**...RESIDENTIAL
 410 **AROUND TOWN INC**
 410 **KERRYTOWN MARKET & SHOPS**...COMMERCIAL AND INDUSTRIAL BUILDING
 OPERATION
 410 **WORKBENCH CONTEMPORARY FURN**
 415 **JEAN SCHNEIDER**...RESIDENTIAL
 415 **KERRYTOWN CONCERT HOUSE**
 420 **LEGAL SERVICES-SOUTHEASTERN MI**

109 Q LIMITED
 111 ROBERT F KUHN...RESIDENTIAL
 113 ALLEN CREEK ASSOC
 120 FOSTER GRANDPARENT PROGRAM

200 WOODEN SPOON BOOKS
 203 ADAM'S GARDEN OF EDEN
 206 DREAMER'S NOOK
 209 FOURTH AVENUE BIRKENSTOCK
 211 COMMUNITY LEANING POST
 211 HALL'S BARBER SHOP
 214 ART EYEMEDIAE...RESIDENTIAL
 214 GYPSY CAFE
 214 MORRISON ROBERT ATTY
 216 FOOD COOPERATIVE PEOPLES...RESIDENTIAL
 216 PEOPLE'S FOOD COOPERATIVE
 218 EDWARD A CLARK...RESIDENTIAL
 218 FINE TUNING
 218 JOAN V PH D JACKSON...RESIDENTIAL
 218 JUDI SPEIR-CRAWFOR...RESIDENTIAL
 222 JOE JOE'S CAFE & RAW JUICES
 224 KRISTEN WASKIEWICZ...RESIDENTIAL
 224 Z S STROTHER...RESIDENTIAL
 226 ANN ARBOR DOOR CLOSER SVC
 322 ANDREW J KOKINAKES...RESIDENTIAL
 409 BELLANINA DAY SPA & GIFT BTQ
 409 BURKHART ENTERPRISES
 409 NINA HOWARD STUDIO & DAY SPA
 409 R MUSKET...RESIDENTIAL
 409 ROBERT BENNTEE...RESIDENTIAL
 410 AROUND TOWN INC
 410 KERRYTOWN SHOPS
 410 WORKBENCH CONTEMPORARY FURN
 415 JEAN SCHNEIDER...RESIDENTIAL
 415 KERRYTOWN CONCERT HOUSE
 415 LUTON J
 420 LEGAL SERVICES-SOUTHEASTERN MI

111 ROBERT F KUHN...RESIDENTIAL
 113 INTER CONNECT OF ANN ARBOR
 113 Q LIMITED

N 4TH AVE				N 4TH AVE			
Ad	Address	Zip+4	CarrRte Phone	Ad	Address	Zip+4	CarrRte Phone
157	FLINT GROUP	-5503	C015 668-8002	222	JOE JOE'S CAFE & RAW JUICES	-1404	C015 663-4080
157	FRED POSTILL			224	Strother Z S	-1404	C015 663-8062
124	CRIMINAL			226	ANN ARBOR DOOR CLOSER SVC	-1404	C015 665-8636
179	JUSTICE	-5503	C015 668-6544	322	Kokinakes Andrew J	-1404	C015 665-8381
114	MICHAEL A ROGERS BUILDERS	-5503	C015 662-2288	409	NINA HOWARD STUDIO	-1102	C015 662-7874
143	NEW ROOF	-5503	C015 665-5555		Nakom Scott	-1103	C015 747-8517
152	R L BEECKMAN & CO	-5503	C015 747-8910	409 1/2	BURKHART ENTERPRISES	-1103	C015 984-8917
135	RETS ENTERPRISES			410	AROUND TOWN INC	-1103	C015 662-0040
119	INC	-5503	C015 761-3025		DRAGON'S LAIR FUTONS	-1104	C015 662-7780
163	ROGER FOX CUSTOM REMODELING	-5503	C015 769-4861		KERRYTOWN SHOPS	-1104	C015 662-4221
105	UNIVERSITY CONSULTING GROUP	-5503	C015 663-4199	415	ANN ARBOR STREET ART FAIR INC	-1103	C015 994-5260
83	WASHTENAW COUNTY PLANNING				KERRYTOWN CONCERT HOUSE	-1103	C015 769-2999
49	PLANNING COMM	-5503	C015 994-2435		Schneider Jean	-1103	C015 994-3159
132	WASHTENAW DRAIN COMMISSIONER			420	LEGAL SERVICES-SOUTHEASTERN MI	-1104	C015 665-6181
17	COMM	-5503	C015 994-2435	421	Bradley Laurel	-1103	C015 665-2281
164	WASHTENAW ENVIRONMENTAL SVC	-5503	C015 994-2398		Smart Tristi	-1103	C015 665-2281
30	WASHTENAW PROPERTY DESCRIPTION	-5503	C015 994-2511	423	Halt James	-1103	C015 930-6991
90	WASHTENAW PROPERTY TAXES	-5503	C015 994-2520		Metty Charles	-1103	C015 662-5798
144	116 FIRST AMERICAN TITLE INSURANCE	-1402	C015 663-9395		Wludyka Jody	-1103	C015 663-0281
106	118 MICHIGAN GUILD-ARTISTS	-1402	C015 662-3382	503	Schmidt P L	-1105	C015 668-1451
158	120 PARK SHOE REPAIR	-1402	C015 769-9066		Whelan Gary	-1105	C015 213-0185
128	UMC CO	-1402	C015 995-4646	505	Slay Dorothy	-1105	C015 747-7345
04	Coskey Douglas R	-1402	C015 995-4646	508	M R PERRY & CO	-1106	C015 995-1822
28	Fell Norman	-1402	C015 995-4646		Perry Ronnie B	-1106	C015 741-7406
35	Hanlon William M Jr				Trabold Nicole	-1106	C015 769-6580
74	Hayes Dennis	-1402	C015 662-2426	510	Weinzwieg Ari	-1106	C015 995-8957
35	Hayes Dennis M	-1402	C015 747-8765	611	Delwiler Julie A	-1001	C015 668-6616
14	Hayes Dennis M	-1402	C015 995-4646		Timm Raymond	-1001	C015 913-0775
149	Shea John A	-1402	C015 741-7558	617	Mason M	-1001	C015 213-5412
120	Shea John A	-1402	C015 995-4646	620	Dixon William	-1002	C015 662-7725
33	122 Bourland Kent	-1402	C015 761-1166	621	Fournier Tom	-1001	C015 995-5269
33	200 WOODEN SPOON BOOKS	-1404	C015 769-4775	622	UNCLE JIM'S WOODWORKS	-1002	C015 761-6226
111	203 ASIAN MARTIAL ARTS STUDIO	-1403	C015 994-3620	625	Holzgen Dan	-1001	C015 995-0301
146	INTERNATIONAL MARTIAL ARTS			626	McNay Gene H	-1002	C015 668-2886
135	FED	-1403	C015 994-5159	632	NEW GRACE APOSTOLIC CHURCH	-1002	C015 761-1530
84	206 CRAZY WISDOM BOOK STORE	-1404	C015 665-2757	637	McDermott K	-1001	C015 665-2588
29	208 WILD FLOUR GRAIN BAKERY	-1404	C015 994-0601		McDermott Kevin	-1001	C015 665-2588
147	209 FOURTH AVE BIRKENSTOCK	-1403	C015 663-1644		McDermott Kris	-1001	C015 668-7460
138	211 COMMUNITY LEANING POST	-1403	C015 769-0288	651	Baker Claude	-1001	C015 668-7460
139	HALL'S BARBER SHOP	-1403	C015 668-1952	652	CAMPBELL'S HAULING & MNTNC	-1002	C015 996-0208
157	Neal Eleck	-1403	C015 994-6638	701	Hilton John	-1003	C015 663-8756
176	214 ACCESS PRODUCTIONS INC	-1404	C015 662-2410		Shanks Paula	-1003	C015 663-8756
117	ANN ARBOR 8MM FILM & VIDEO	-1404	C015 662-2470	709	Gamzu Amir	-1003	C015 994-6609
175	GREENPEACE ACTION	-1404	C015 761-1996		Jordan David	-1003	C015 994-6609
176	GYPSY CAFE	-1404	C015 994-3940	711	Grizzle Jessy	-1003	C015 662-5273
40	216 PEOPLE'S FOOD COOPERATIVE	-1404	C015 769-0095		Wuu Julie	-1003	C015 662-5273
04	218 FINE TUNING	-1404	C015 662-6068	717	Howard Laura	-1003	C015 930-0409
16	JUDI S CRAWFORD				Pawlowski Nichol	-1003	C015 930-0409
33	NANCY RIETDORF PHD	-1404	C015 930-6899	719	CHILDREN'S SMALL PRESS COLLECT	-1003	C015 668-8056
62	Clark Edward A	-1404	C015 761-2999		Baxter K M	-1003	C015 769-6844
44	Jackson Joan V	-1404	C015 662-6068		Cooper L	-1003	C015 668-0617
61	Rietdorf Nancy A	-1404	C015 761-2999	809	Dennard Richard	-1005	C015 668-7135
	Speir Crawfo J	-1404	C015 930-6899		HOUSEHOLDS 52		
	Steward Beth A	-1404	C015 930-6899		BUSINESSES 56		48104

CATHERINE

48104

E* 100- 298 CT 1 #C**B13
O* 101- 299 CT 7 #E**A13
** 300- 499 CT 7 #E**A13
** 500- 1099 CT 8 #D**A13
** 1100- 1199 CT 2 #E**B13
111 J C KUHN 6635513
112 NP
120*COMMUNITY SERVICES 9941650
*COMMUNITY SERVICES 9941654
*FOSTER GRNDPRT 9963089
*JOBS TEAM 9941640
*NUTRTN PROG ELDRLY 9941654
*VALTEC #9941640
209*AGRIERO ITL MARKET #6632828
216 M J MCCLINTOCK #6688627
*P R ROTHMEYER ATY #6654859
MARY VANANTWERP -9943696
*P R ROTHMEYER ATY 6654859
300*ELDER INC 6653053
308 R NELSON #6687014
MARVIN PERRY 6 7615119
MARVIN PERRY 0 9951822
DANIELLE SCHWEBACH #9960786
309 311 NP
312 ERIC ENGLISH #9960814
314 E HAAS #6633830
B MCCUSKEY #6633830
M STADTER #6633830
315 J BRUNS #9965587
JOHN BURRILL 0 6635864
HEATHER L GREIT -7476463
HAVA HAMNAD #6654201
KENNETH LEVY 0 6635864
M PETRELLA #9965587
M SZCZESNY #9948065
JEFFREY TREPPA #9968426
318 BRAD HEAVNER -7478726
319 DAN APLEY #9943561
322 MARGUERITE WALTER #9940850
324 M GERBER -6651337
E KELLER #7478773
PAUL SHORE #6650768
325 ELMER G WURSTER 6631774
326 AARON LANDY 7 6635672
STEVEN WINKELMAN 0 9302612
NP

ANN ARBOR 1986-19
48104
***** 48104
120*LAWSONS PLBG&SEWER 9958488
*MI TERMINIX CO 7695340
*OLDTOWN PLMBNG RPR 6650088
*PLNG DBASE INT #9957278
*PLNSCAPE -3714230
*RADIO RELAY CORP 7611087
*REAL-TIME SPEC #6628671
*ROBERTS ROOFG&CHMN 6633955
*R MICHAEL ROGERS -6656755
*SCNEIDER SANITATN 7613333
*T J SCHWARTZ ATY 9954848
*TASK ANSWRGVNG SR 7694775
*TASK ANSWRG SRV 9952199
*TERMINIX TRMTE&PST 7695340
*TOSCO-PARAMCO 6632270
*UMC CO OP 9954646
*UNITEK CORPORATION 7612123
*DAVID A WERBER ATY 9954848
200* K MARSHALL BKSRL 7694775
*WOODEN SPN BOOKS 7694775
203*ASIAN MARTIAL ART 9943260
*METZGERS BLK FRST 6668987
206*AL DENTE INC 9940068
208*WILDFLOUR COM BKRY 9940601
211 STAN BARRETT #6657146
*HALLS BARBAER SHOP 6689412
*HEALTH SEV TCHNCL 9929659
ABRAHAM PHILLIPS #6687855
TIM WILLIAMS -6624663
JELECK NEAL 9946638
212*PEOPLES FOOD CO-OP 9949174
215* NP
218*FERA INC -9949060
*FORMTY EVLTN RSRCH 9949060
222*ELMOS SPRSHRTS 7693888
224 KEVIN HAY 5 6688854
PAUL STUTLER -6650149
226* A DR CLSR&LCK SV 6658381
318 NP
322 ANDREW J KOKINAKES 6627974
401 NP
409 SYLVIA CHAPPELL 4 6632055
B P PURNELL 7615664
*BURKHART TYPSETNG 6620040
410*AMER HOMESTEAD #6622077
*DESIGN CABINTRY 7691966
*DRAGON LR FTNS 7611828
*FOX FARM TOTTERY 6635122
*HARVER IMPORT GIFT 9960009
*WORKBENCH 6684688
415 MICHELE COOKER #9943159
*KERRYTWN CNCRT HSE #7692999
JEAN SCHNEIDER #9943159
*WASHTEW CNCRT ARTS -9962777
420*LEGAL AID OF WASH #6656181
*LEGAL SVCS 6656181
421 LAURETTE BRADLEY 5 6652281
TRISTINE SMART 5 6652281
423 ROBIN JONES #6657667
*CHARLES METTY 3 6625798
437 MARJON LYNNE #6623357
SHANNA PHILPOTT #6623357
503 505 NP
508 T SPRY #6639583
510 LAURA GOGUEN -6650569
RICHARD KIDDER #6650569
D MCLELLISTER 6650569
PAT MORRIS #6650569
JEAN WULPERN -6650569
527 NP
611 JOAN BRIELAND #7616121
ROXIE BULLOCK 4 9940734
JULIE A HETWILER 9 6266216
GREG SHOULTZ -7616121
617 R S MOSS -9955397
620 WILLIAM DIXON 6627725
621 TOM FOURNIER 0 9955269
625 ERIC NYHUIS NP 7691392
K SETTERGEN 7 7691392
626 EUGENE DESAUTELS -9969416
628 NP
632*NEW GRACE APOSTLC 7611530
633 635 NP
637 J CAMPAIN 8 6653185
JOHN L SHORES 4 6653185
645 CHARLES BAKER NP 6687460
652 NP
701 JOHN HILTON NP 2 6638756
A LUND 2 6638756
PAULA SHANKS 2 6638756
705 708 NP
709 ROBERT C NISLEY 2 6654951
712 NP
717 PETER FRITSCH #6633462
718 JAMES BENEDICT 5 9964038
719 K M BAXTER 1 6688056
MICHAEL RUDY 4 6682461
809 RICHARD DENNARD 6687135
60 RESIDENCE 120 BUSINESS 40
FOURTH AVE S 48104
** 100- 399 T 1 #C**B13
** 400- 599 T 5 #D**B13
100*CTY PARK RAMP 3 6655888
*SHARIS FLWRS&GIFTS #6653800
101 NP
103*ROSEYS 9968012
107*BJW CUSTOM JEWELRY 6633327
111*QYXUS CORP 6687188
T SHIPLEY 9948247
113 HOWARD BINKOW #9951650
J AKERS CHESTER #9951650
*DRURY-LACY INC 6625593
C PHILIP KEARNEY 5 6624637
*PREMIER HOUSE 6632074
115*CHARD&ASS ATY 6656874
*ROGER CHARD ATY 6656874
M GREENFIELD ATY 6656874
DOUG KAYNER #6621002
117*HAD ELF T-SHIRTS #6627511
204*CAREER DIRECTIONS 6630777
*CRISP WORD PROCSNG 6656559
*DAVID GRUNER ASSOC 6636383
*AFAY VICKY FARAH 6639813
205*OTTINI SU SHOP 7697827
208*DE LUX DRAPERYS&SHD 6627249
209*DELMAS TYPSETTING 6622799
*A P W HEWETT INC 6687002
*HOUSE OF SANDWICH 6634034
LEAGUE WOMEN VOTER 6655085
*BRAINSTORM DESIGN 6655085
*PERFECT IMAG GRPHC 6633203
211*CAPITOL MARKET 6630101
212*A WORD SILKSCREEN 6656301
ANN ARBOR REHLTGN 7692022
*CHARLES KRUGMAN 7692022
*M L LEGRIS #9952101
*MCCOY&MC DANL #7690001
R I MCCOY ATY 7690001
T E MC DANIEL ATY #7690001
*MEDTRONIC #9945674

Table listing phone numbers and names for Catherina St. Includes sections for Carmel, Carol Dr, Carolina, Carolyn, Catalina Dr, Catalpa Cir, and Catherine.

Table listing phone numbers and names for Fourth Ave N. Includes sections for various businesses and individuals.

4 RESIDENCE

● CATHERINE 48104

- .E. 100- 298 T 1 \$D..C 3
- .O. 101- 299 T 7 \$E..C 3
- ... 300- 499 T 7 \$E..C 3
- ... 500- 1099 T 8 \$D..C 3
- ... 1100- 1199 T 2 \$E..C 3
- 111 J C KUHN 8 NO35513
- 112 NP
- 113*HOHLENKAMP&CO PLMB 6623554
- 120*ST CHILD PROTECTIVE 9941882
 - *ST FAMILY SERVICES 9941878
 - *ST PROTCTV SERVICE #9941882
 - *ST VOLUNTEER SERVC 9941839
 - *ST ADC-FOOD STAMPS #9941820
 - *CO CHILD PROTCTVE 9941882
 - *CO FAMILY SRVCS -9941878
 - *CO PROTECTV SVCS 9941882
 - *CO VOLUNTEER SVC 9941839
 - *CO ADC-FOOD STAMPS 9941820
- 216*P R ROTHMEYER ATTY -6654859
- 308 THOMAS J BEDFORD #9958366
 - ROBERT A HYDE 5 6628183
- 309 NIZAMETTIN AYDIN #6650534
 - JUDITH FRIEDMANN 5 6655491
 - SAIT OZDALKIRAN 7 6650534
- 311 NP
- 314 MICHAEL PAYNE #9953506
 - ROBERT SUBERI #9953581
- 315 D M ARGENBRIGHT #9954274
 - HOWARD S AVERBACH #9959570
 - CARLOS CUBIDES #7636646
 - LANCELOT T EKPETE #7611647
 - DAVID GARFINKEL #9958999
 - ELLEN HEXTER #9951531
 - RICHARD REGENSBURG 7 7617560
 - BARRY SEIDEL #9959570
- 318 TONY J ARGIERO 6625729
 - LAURA PONSTEIN 3 6623696
 - GEORGE A TE 5 7611272
- 319 JOHN FINLEY -9945125
 - ROBERT W GOYER -9945125
 - DEBORAH PEARSON -9945125
 - JOHN QUINN -7693569
- 322 MYLES LAMSON #7615460
 - LYNN SHOTTON #7615460
 - TOBY A SOODAK #7615460
- 324 M L BOLT #9953954
 - KATHY BUTLER #6621460
 - TIM DRUMHELLER 5 6628797
 - SARAH INNES #6632641
 - P MANNO 8 7694575

- 116*BURTON ABST&TITLE 6639395
 - *C E ELDRIDGE JR 6686184
- 118*THE WONDER BAR 7619632
- 120*D D LOREE ARCHT NO27404
 - *THRIFT SHOP NO26771
- 200*WOODEN SPN BOOKS 7694775
 - *D K MARSHALL BKSLR 7694775
- 206*PLANCHETS LABTRY -7698000
- 208*CO CRISIS WLK CTR 7619834
 - *SUICIDE PRVNTN SVC-7619834
 - *INFRMTN&RFRL SERV 7619834
 - *CRISIS WALK IN SVC 7619834
 - *CO CRISIS WALK 7619834
- 209 ROLAND SMITH #6620528
 - *HALLS BARBER SHOP 6689412
- 210*WASHTENAW BAIL BND#6625566
- 211*ROSIES BEAUTY SALN 6620436
 - 1/2 MODEL CITIES COMM #7690430
- 212*ASSOCTD SRVCS CO -7616845
 - *J R HARRISON CONTR-7616845
 - *PHERC INC -7616845
- 214*MODEL CITIES YOUTH#6624593
 - *BUD MOR AGENCY 6626362
 - *BUD MOR AGCY 7615030
 - *COMMERCIAL ICE DIV 6626362
 - *RICHMAN INDUSTRIES 6626362
 - *RICHMAN INDUSTRIES 7615030
 - *M RICHMAN FAVORS 6626362
- 218*MODEL CITIES PRGRM-6632443
 - *NATIONAL SILVER CO 7610157
- 48104
- 318 FRANK J KOKENAKES 6 NO21157
- 322 ANDREW J KOKINAKES 6 NO27974
- 401 JOHN J BRIEGEL -7690639
 - SIDNEY H RINK -7619232
 - LOTTIE MAE HANDS 1 6655075
 - *JOHN L RAGLAND ATY 6624981
- 409 LILLIE MAE SHENALL#6629255
 - H N RUSSELL -6639720
 - 1/2 BURKHART TYPSETTNG NO20040
- 415 JAMES PARKER 7 6626693
 - PARTHENA PARKER 7 6626693
- 420 MACK ELLIS #6622741
- 421 NP
- 423 DORVAN KARR #6636779
- 503 GEORGE H JEWETT NO23919
- 505 JIM JONES JR 7 6659834
- 508 CECIL FIELDS NO25260
- 527 NP
- 611 JOHN L HART -7636185
 - WILBURN HENDRIX 9 6654539
- 617 DION VANIRVIN #7698322
 - *VANS ELECTRIC #7698322
 - LUCY DILMAR 1 7698671
- 620 JEAN DIXON 1 6650845
 - WILLIAM DIXON 6627725
- 621 BERN PEDIT -6623364
 - JOHN B EASLEY 1 7690225
- 622 NP
- 625 LEO NELSON 5 6627554
- 626 BURGESS CALVERT NO86817
- 628 DANIEL NOLEN 1 6633021
- 632 REV JOHN A WOODS 7 6633800
 - *BETHEL AME CHURCH NO33800

CATHERINE

48108

- 4 .E. 100- 298 T 1 \$E..C 3
- 5 .O. 101- 299 T 7 \$E..C 3
- ... 300- 499 T 7 \$E..C 3
- ... 500- 1099 T 8 \$D..C 3
- ... 1100- 1199 T 2 \$E..C 3
- 4 111*MARTIS CARD SHOPPE 7617400
J C KUHN 8 NO35513
- 3 113*HOHLENKAMP&CO PLMB 6623554
- 1 120*ST SOCIAL SERV DPT-7698700
*CO DPT OF SOCL SRV-7698700
*CO DEPT SCL SVC -7698700
*ST SOCIAL SVC DPT -7698700
*ST SOCIAL SERV DPT-7698700
- 4 216 EDNA GROFF 7 6650368
- 308 B PINKOS 66627552
ANNA REGULA HERZOG 66628183
C CAHOON 66628183
PAT CLAYTON 66628183
- 3 309 JOHN D OCONNOR 66658380
JUDY CRAM 66655491
JACQUELYN WIERSMA 66655491
SAIT OZDALKIRAN 7 6650534
- 8 311 CAROL GOLOFF 66637116
- 7 314*KIVA COOPERATIVE 66637106
- 7 315 C PENOYAR 667636433
PHILIP K PRICE 66659274
DAVID H SLACHTER 66650542
DAVID TANAKA 66657169
SUSAN HERSCHMAN 7 6659545
ANITA H HIGELMIRE 7 7615071
KAREN ASTON 7 6659545
RICHARD REGENSBURG 7 7617560
- 57 318 TONY J ARGIERO 6625729
- 39 319 THOMAS J WILSON -6686647
- 14 322 WALTER NAROWSKI 1 6624201
- 36 324 STEVEN G MCTAGGART 6621205
D H WESTENFELD NO30739
LINDA BRADFORD 66636555
IRENE HARDCASTLE 6 6623030
P MANNO 8 7694575
- 4 325 ELMER G WURSTER 5 NO31774
- 95 326 NP
- 25 1/2 NP
- 99 328 WILLIAM BACHMANN 1 6654279
- 17 329 ALAN CRANMER 66621388
- 74 331 ELISSA MILLER 1 7636311
DANIEL BROOKS 667611820
- 42 335 DIANE JOHNSON -6656260
KAREN CHADWICH 66656260
JULIA F SPINA 66638346
HILARY STARK 1 7617558
MARCIA DOMURAT 1 6656260

3D ST-Contd

819 Apts-Contd

- 5 LEEKLEY ANN 761-9642
- 6 NO RETURN
- 820 GREENWOOD MELVIN R • NO2-1701
- 821 GREEN OTTO E • 663-7261
- W DAVIS AV INTERSECTS
-
- 4TH AV N -FROM 200 E HURON NORTH 2
- ZIP CODE 48108
- NW COR COUNTY BLDG (SIDE ENTRANCE)
- 104 CASEY'S HSEHOLD APPLIANCES 662-4489
- 106 LAWYERS TITLE INSURANCE CORP ABSTRACTERS 761-3040
- 110 DOWNTOWN CLUB MEN'S ROOMS 665-9690
- 116 BURTON ABSTRACTS & TITLE CO 663-9395
- 118 WONDER BAR THE COCKTAIL LOUNGE 761-9632
- 118 1/2 KERR BUILDING
- 120 TOMMY BUILDING
LOREE DOUGLAS D ARCHT 662-7404
THRIFT SHOP USED CLO 662-6771
- 122 POPKINS MORRIS E LWYR NO5-7879
TODMEY JOHN M LWYR 769-2130
- E ANN INTERSECTS
- 200 WOODEN SPOON BOOKS 769-4775
- 201 WASHTENAW COUNTY LEGAL AID CLINIC (BR) NON PROFIT ORGINIZATION 665-3686
- 204 CHARLIES TRADING POST RADIO & TV SERV 761-3623
- 206 ATTIC THE ANTIQUES & FURN STORE 761-8550
- 208 VACANT
- 209 HALL'S BARBER SHOP
HALL J D
- 211 WELFARE LEAGUE BUILDING
ROSIE'S BEAUTY SALON 662-0436
- 212 NORTH ELECTRIC WHSE
- DETROIT BEGINS
- 213 WURSTER BUILDING
WEDEMAYER ELECTRONIC SUPPLY CO 665-8611
- 213 1/2 VACANT
- 214 CULTURAL IMPORTS INC 971-3448
RICHMAN INDUSTRIES INC WHOL MAIL ORDERS PARTY FAVORS 662-6362
BUD-MOR AGENCY THE (DIV OF RICHMAN INDUSTRIES INC) ENTERTAINERS 761-5030
- 218 BALANCE TECHNOLOGY INC
BALANCING EQUIP & SERV 769-2100
FINE SAM ASSOCS ADV AGCY 761-6300
- 219 WEDEMAYER ELECTRONIC SUP (PARKING LOT)
- CATHERINE INTERSECTS
- ZIP CODE 48104
- NW COR MUNICIPAL PARKING LOT NO 11
- 312 NO RETURN
- BRAUN CT ENDS

- 318 KOKENAKES FRANK J • NO2-1157
- 322 KOKENAKES ANDREW J • NO2-7974
- 400 MUNICIPAL MKT (PARKING LOT) MUNICIPAL MKT (REAR ENTRANCE)
- 401 RAGLAND JOHN L LWYR 662-4981
PULLEN MARY J
- 401 1/2 LEWIS HELEN MRS
- 409 PITTS YANCY
MICOU WILLIE E 665-2801
- 409 1/2 BURKHART TYPESETTING CO NO2-0040
- 410 GODFREY MOVING & STORAGE CO NO2-6501
BEKINS VAN LINES NO2-6501
- 415 PARKER JAMES • NO2-6693
- 420 THOMAS WILLIE M MRS 662-9124
SANFORD SHOE REPAIR NO2-2741
MC KINNEY SANFORD S
- 421 KURTZ JONAS
- 423 BARNES EVERETT C 663-7456
- E KINGSLEY INTERSECTS 28
- 503 JEWETT GEO H LIGHT HAULING • NO2-3919
- 505 JONES NATHL L
JONES JIM • 665-9834
- 508 FIELDS BERNICE MRS • NO2-5260
- 510 MC RAE HAROLD
- BEAKES INTERSECTS
- 611 VACANT
- 617 VAN ERVIN DIONNE
NELSON LEO 662-7554
- 620 DIXON WM • NO2-7725
- 621 CLEMONS JEWELL P MRS •
- 622 VACANT
- 625 HALL HENRY C 663-2184
- 626 CALVERT BURGESS TRUCKING • 668-6817
- 628 NO RETURN
- 632 BETHEL AFRICAN METHODIST EPISCOPAL CHURCH NO3-3800
- 633 SPANN ROSCOE T NO3-6704
- 635 WILSON JOHN H
- 637 WILSON LA VAUGHN • NO3-0124
- 645 SIBERT MARTHA MRS 761-1857
- 646 VACANT
- 651 BAKER CHARLES H • NO8-7460
- 652 GOREE WILLIE M 761-0910
SANFORD ELROY 761-2871
- 701 APARTMENTS
1 NO RETURN
2 BYRON RICHD J
3 PATTERSON MAGDALENE 761-3767
4 MC LAUGHLIN CARRIE
- 705 SINGLETON JAMES 761-7796
- 708 SMITH HELEN •
BARTON DESSE 761-9713
JONES MARION • NO2-4213
- 709 SCOTT DAVID A • NO3-6061
- 712 PATTERSON JAMES P •
- 717 SHEPHERD THOS W • NO5-5626
- 718 ANDERSON BERNICE D MRS • NO8-8264
- 719 VACANT
- E SUMMIT INTERSECTS
- 809 DENNARD RICHD • NO8-7135
- DEPOT INTERSECTS

2
CATHERINE ST -FROM 300 N MAIN EAST
AND NORTHEAST

---ZIP CODE 48108

- 109 GEORGE'S RESTAURANT
- 111 CHARLIE'S BARBER SHOP
- 111½ KUHN JOSEPHINE MRS • NO3-5513
- 113 ARBOR LITE INC NO3-3349
- 121 MUNICIPAL PARKING LOT

---N 4TH AV INTERSECTS
201 U OF M RADIATION LABORATORY
DEPT OF ELEC ENG 764-0500

---DETROIT INTERSECTS
216 GRAFF EDNA I • 665-0368
---N 5TH AV INTERSECTS

4
---ZIP CODE 48103
---N 5TH AV INTERSECTS
308 ANN ARBOR CONSERVATORY OF
MUSIC 662-3735

- DE VANEY ARTH J 662-3735
- 311 KOKKALES CHARLES • NO3-1798
- 314 HUBBARD LUCILLE MRS • NO2-2304
ROSE JAMES H

- 315 APARTMENTS
- 1 MEYER CAROLE
- 2 VACANT
- 3 VACANT
- 4 BEATTIE LINDA A 769-1280
- 5 STIERLE ERWIN 769-4512
- 6 GREEP DICK 761-7560

- 318 ARGIERO TONY J • NO2-5729
- 319 CLAPSADLE HELEN D MRS •
- 322 BARNES ROBT B • 761-9673
- 324 APARTMENTS

- 1 SNELLENBERGER MARIE C MRS
NO5-6589
- 2 WESTENFELD DAISY H MRS
NO3-0739
- 3 HARDCASTLE M IRENE MRS
761-0455
- 4 BROSHEAR JOSEPH W
- 5 NO RETURN
- 6 MURPHY MAUREEN

- 325 WURSTER ELMER G • NO3-1774
- 326 RHOADES JENNIE S • NO2-1734
- 326½ NORTON HOYT E NO3-4697
- 328 ZIMMERMAN THOS 668-8813
- 329 RAAF JOHN J • NO8-6358
- 331 APARTMENTS
- 1 DRYDEN PAMELA 761-8166

- 34: 4TH--Contd
- 437 Lewis Harold R • NO8-8228
- 443 Suomi Wm NO3-9443
- 50 449 Ziefle Theo R • NO8-8901
- 50 W Jefferson intersects
- 50 502 Cook Victor J 665-5921
- 50 508 Horning Eug P • NO8-9812
- 50 509 Esch Wm F • NO3-5359
Collar Larry
- 51 510 Fejdkamp Eldean O • NO5-6910
- 51 512 Schneider Walter W • NO2-4175
- 51 513 Miller Wm L • pntr NO2-6167
- 51 519 Schalk Elsa S Mrs drsmkr NO3-0726
Dundas Robt J NO3-5064
- 51 520 Vontom Sherwood R • NO3-1289
- 51 523 Fields Curtis E • NO3-8253
- 51 524 Lucas Robt D • NO8-6800
- 60 525 Pittman Delia W Mrs • NO3-4992
Donelly Jerome J NO3-9214
- 60 532 Stanger Anna M Mrs • NO8-6747
- 538 Laraway Leo A
- 539 Klaphaak John • NO8-7897
- 60 542 Ramirez Justiniano NO2-0263
- 543 Steev Mary A Mrs • NO3-5283
- 546 Oler Douglas B 663-6545
- 60 548 Rees David F 665-9813
- 549 Hunter Roy N • NO8-6176
- 554 Tabar Donald F 665-8430
- W Madison intersects

- 2
4TH AV N--From 200 E Huron north
ne cor County Bldg (side ent)
- 6 104 Casey's hsehold appliances
NO2-4489
- 6 106 Lawyers Title Ins Corp abstracters
NO2-4539
- 110 Vacant
- 116 Burton Abstract & Title Co
NO3-9395
- 118 Ann Arbor Cln Sup Co jan sups
NO2-5293
- 6 118½ Kerr Building
- 6 Kerr & Sons prntrs NO2-0334
- 6 120-22 Tuomy Building
- 6 Loree Douglas D archt NO2-7404
- 6 Thrift Shop used clo NO2-6771
- 6 Popkins Morris E lwyr NO5-7879
- 6 E Ann intersects
- 200 Butler Bernard W lwyr NO3-4284
- 201 No return
- 204 Vacant
- 206 Flemming Equip Co machinery
NO2-4670
- 208 Volunteers of Am genl whse
NO8-9403
- 209 Bullock Pelly Clns clo cln NO8-9635
Bullock Pelly NO8-9635
- 210 Vacant
- 211 Welfare League Building
Fourth Av Barber Shop
Griffin Jos L
- 212 North Elec (whse)
- 213-17 Wurster Building
Wedemeyer Electronic Sup Co
NO5-8611
- 213½ Upsi-Ann Sportsmen's Club
668-9744
- 214 Vacant
- 219 Wedemeyer Electronic Sup Co
(parking lot)
- Catherine intersects
- 312 Payne Mary Mrs
- Braum ct ends
- 318 Kokenakes Frank J • NO2-1157
- 322 Kokenakes Andrew J • NO2-7974

- 400 Municipal Mkt (parking lot)
- Municipal Mkt (rear ent)
- 401 Ragland John L lwyr 662-4981
Pullen Mary J
- 401½ Lewis Helen Mrs
- 409 Micou Willie E 663-9839
- 409½ Burkhardt Typesetting Co
NO2-0040
- 410 Godfrey Moving & Stge Co
NO2-6501
- 415 Parker Jas • NO2-6693
- 420 McKinney Sanford S • NO2-2741
- 421 Thompkins Erville NO2-4919
- 423 Kurtz Jonas pntr
Hurst Richd C 663-3972
- 28
E Kingsley intersects
- 502 Vacant
- 503 Jewett Geo H • trucking NO2-3919
- 505 Davis Chas
- 508 Fields Cecil A • NO2-5260
- 510 Knapp Eug L • NO3-5223
- Beakes intersects
- 604 Watkins David
- 611 Seeley Howard NO2-9716
McClauden Benj A 663-1208
- 613 Johnson Lillie M
- 617 Jackson Jas S
- 620 Dixon Wm • NO2-7725
- 621 Clemons Jewell P Mrs •
rear Hall Henry NO3-2184
- 622 Williams Linward NO5-6508
- 625 Day Hattie Mrs • NO8-6283
- 626 Calvert Burgess • trucking
NO8-6817
- 628 Stewart Willie A
- 632 Bethel AME Ch NO3-3800
- 633 Spann Roscoe NO3-6704
- 635 Wilson Benj T • NO2-5724
- 637 Wilson LaVaughn • NO3-0124
- 645 Johnson Clarence A NO2-8812
- 646 Turner Laura B Mrs • NO2-1541
- 651 Baker Chas H • NO8-7460
- 652 Bullock Richd jr
- 701 Apartments
- 1 Hall Mehemiah
- 2 No return
- 3 Walker Thos C
- 4 Overton Bernice
- Street continued
- 705 Howard Russell A • NO3-4519
- 708 Matthews Geo •
- 709 Scott David A • NO3-6061
- 712 Patterson Jas P •
- 715 No return
- 717 Shepherd Thos N • NO5-5626
- 718 Anderson Bernice D Mrs •
NO8-8264
- 719 Vacant
- E Summit intersects
- 809 Dennard Richd • NO8-7135
- Depot intersects
- 2
4TH AV S--From 200 E Huron south
- 103 Jimmy's Barber Shop NO3-9277
- 105 Mich Coin Sls numismatists
665-3388
- 107 Vacant
- 109 Vagias Beauty Salon NO8-6244
- 111 Robertson's Aluminum Window Co
NO3-4916
- 111½ Ann Arbor Lodge NO 44 (KofP)
- 113 Michigan Woodcraft Co wood prod-
ucts mfrs NO2-2773
- 114 Vacant
- 115 Watkins Jack jr

Stephen ter intersects

2211 Gilbert Chas M @ 662-9466

CAROLYN—From Pinecrest west, 1
south of Parkwood 50

3512 Glatz D John 662-5413
 3514 Rosewaine Philip NO5-5282
 3516 Snath Paul K 665-2199
 3517 Korgen Benj NO8-6003
 3518 Bennette Paul E NO3-3071
 3519 Scherrer Robt A NO5-3891
 3550 Clark Chester F @ NO3-0095

CATALINA DR—From end of Palomar dr
south 11

1435 Peclura Lioginas @ NO3-8394
 1437 Gallup Chas A @ NO2-1898
 Palomar ends
 1440 Collicott Howard E @ 665-3255
 1441 Hughes Byron O @ NO2-3080
 1446 Byrne Thos H @ NO3-6290
 1447 Hanselman Edw J @ NO2-0848
 1450 Rupp Wm L @ 663-2246
 1451 Clark Frank H jr @ NO2-5731
 1456 Hendrickson Wayne J @ NO3-1072
 1457 Anderson Saml R @ 662-9215
 1500 Wolanski Edw J @ NO5-5338
 1501 Gilbreath M Edw @ NO3-5026
 1506 Bocobo Florante @ 663-7835
 1507 Poulos Wilbur J @ NO3-3667
 1510 Werner Robt H @ NO3-3075
 1511 VonVoigtlander Theo R @ NO5-5154
 1516 Pasternak Irwin M 665-6343
 1517 Mayer Donald J @ 662-7262
 1520 Lawrence Frank W @ NO3-5185
 1521 Hoppe Douglas C jr @ NO3-6602
 1526 Smith Danl L jr @ NO2-6854
 1527 Procasky Carl J @ NO3-8256

CATHERINE—From 300 N Main east and
northeast 2

109 George's Restr
 111 Charlie's Barber Shop
 Kuhn Josephine Mrs @ NO3-5513
 113 Wolverine Glass Co NO3-2546
 121 Municipal Parking Lot
 N 4th av intersects
 201 U of M Radiation Laby NO3-1511
 Detroit intersects
 216 Groff Ernest J @ 665-0368

N 5th av intersects 4

308 No return
 309 Bokas Geo NO3-6824
 311 Kokkales Chas C @ NO3-1798
 314 O'Brien Emma J Mrs @ NO2-2304
 315 VanScoy Douglas
 Magel Mabel Mrs @ NO5-7398
 318 Argiero Tony J @ NO2-5729
 319 Clapsadle Howard B @
 322 Barnes Robt B @
 324 Apartments
 1 Snellenberger Martie C Mrs NO5-6589
 2 Westenfeld Daisy B Mrs NO3-0739
 3 Park Raymond R NO2-5465

CATHERINE—Contd

324—Contd
 4 Copeland Gloria F NO2-6814
 5 Patrick Jean
 6 Marvin Jessie Mrs NO3-8351
 Street continued
 325 Gansley Birdie Mrs @ NO3-1774
 326 Rhoades Jennie S @ NO2-1734
 326½ Norton Hoyt NO3-4697
 328 Rossan Owen N NO3-7890
 329 Raaf John N @ NO8-6358
 331 Apartments
 1-2 Glennon Mary L Mrs NO3-4455
 3 Lawrence Robt
 4 Israel Robt A
 Street continued
 334 Professional Serv Assoc pub sec
 665-8184
 335 Hall Cynthia NO5-7513
 Hover Gail NO2-9277
 338 Apartments
 1 Wang Wee Ming NO5-0927
 2 Dobransky Andrew NO5-9592
 3 Sears Loren NO2-8406
 4 Rogers Nancy G 665-9464
 Street continued
 342 Lotz Richd
 N Division intersects
 500 Fulmer Robt H
 502 Herbstreet Alice @ NO5-5759
 504 Warren Anna A Mrs @ NO2-1869
 505 Bailey Ollie D 665-3163
 506 Helminski Ed NO5-9213
 510 Wint Raymond @ NO8-8598
 514 Carver Louise B Mrs @ NO3-6251
 515 Branson Henry C @ author NO8-7793
 516 Smith Cora D Mrs @ NO2-3950
 517 Apartments
 1 Wabst Martin NO3-2102
 2 Manika John NO8-6042
 3 Miller Raymond NO8-0508
 4 Cook David NO8-8888
 600 Apartments
 1 Waldron Chas 665-6507
 2 Meneghini Jas J 662-0088
 3 Legome Mark
 4 Vacant
 Street continued
 601 Maulbetsch N Gertrude @ NO3-0679
 602 Apartments
 1 Loutfi Saml
 2 Bakris Eugenia
 3 Shaw LeVeta Mrs NO2-6298
 4 Hobbs Minnie Mrs
 5 Kamii Constance K
 Street continued
 603 Marshall Marvin S 665-0020
 603½ Transue Frank M NO3-3445
 605 Kenyon Lyle
 Scott John W jr NO5-2740
 606 Chung Yun Hoon @ NO3-1695
 607 Salisbury Ray H NO2-1687
 608 Newcomb Robt S @ 663-0436
 611 Duff Lela A @ NO2-2085
 Tysee Agnes N NO8-6533
 612 Fernley J E Mrs NO5-6321
 615 Louton Thos K 665-2898

N State intersects

701 Lueck Harold E @ NO3-5304
 710 Bandyopadhyay Pratip NO8-8076
 711 MacNaughton Ross E @ NO3-5837
 712 Cline Morris G 663-2855
 713 Apartments
 1 McHoskey Patricia H 665-8014
 2 Cameron H Don NO2-7374
 3 Weiss Suzanne

4TH AV N—From 200 E Huron north to
Depot 2

necor Court Bldg (side ent)
 104 Casey's hsehold appls
 ΔNO2-4489
 106 Land Title Building
 Washtenaw Abstract Co
 ΔNO2-4539
 110 Young Men's-Young Women's
 Christian Assn ΔNO2-6564
 Y's Men's Club
 Co-Y Club
 116 Bendix Aviation Corp Sys Div
 (flight science dept)
 ΔNO5-7766
 118 Kerr Building
 Ann Arbor Cln Sup Co jan
 supplies ΔNO2-5293
 118½ Kerr & Sons prntrs ΔNO2-0334
 120-22 Tuomy Building
 Loree & Osler archts
 ΔNO2-7404
 Thrift Shop used clo ΔNO2-6771
 122 Kutsche A W & Co bldg contrs
 ΔNO3-2421
 Planned Parenthood League
 ΔNO2-9282
 Canham Don Co The
 Shmina A Z & Sons Co bldg contrs
 ΔNO3-2421
 E Ann intersects
 200 Vacant
 201-03 Bendix Aviation Sys Div
 ΔNO5-7766
 204 Moseley Typewriter Co
 ΔNO3-5888
 Livingston Ofc Equip ΔNO5-5674
 206 Flemming Equip Co machy
 ΔNO2-4670
 209 Bullock Clns ΔNO3-3424
 210 Room of Music The
 211 Welfare League Building
 Sadie's Beauty Shop ΔNO8-8191
 Cassell C W & Assoc ΔNO2-2579

**FEDERAL SAVINGS AND LOAN
ASSOCIATION**

OD OFFICE, STADIUM AT PAULINE ■ ORGANIZED 1890

4TH AV N—Contd
Welfare League Bldg—Contd
Apartments:

- 1 Bonner Marguerite ΔNO2-0227
- 2 Easley John B
- 3 Bryan Clifford
- 4 Crawford James
- 212 North Elec (whse)

Detroit begins

- 213-17 **Wurster Building**
- 213½ Vacant
- 214 Vacant
- 214½ No Return
- 215 Wedemeyer Electronic Sup Co ΔNO2-4457
- 219 Wedemeyer Electronic Sup Co (parking lot)

Catherine intersects

- 312 Wells L C @ ΔNO2-8216
- 314 Parsons Ann E Mrs ΔNO8-6206

Braun ct ends

- 318 Kokenakes Frank J @ ΔNO2-1157
- 322 Kokenakes Andrew J @ ΔNO2-7974
- 400 Municipal Market (parking lot) Municipal Mkt (rear ent)
- 401½ **Apartments**

- 1 Collins Mary A Mrs ΔNO5-5749
- 2 Vacant
- 3 Crawley Lois Mrs ΔNO3-1267
- 4 Lewis Helen Mrs

- 409 **Apartments**
- osmt Princess Virginia ΔNO3-0484
- 1-2 Benton Chas A jr ΔNO3-5037
- 3 Bibbs Hattie Mrs ΔNO3-9720

- 409½ Burkhardt Typesetting Co ΔNO2-0040
- 410 Godfrey Moving & Stge Co ΔNO2-6501
- US Van Lines Inc

- 415 Parker Jas @ ΔNO2-6693
- 420 Vacant
- 421 No Return
- 423 Peoples Roofing & Siding Co contrs ΔNO2-8767
- Kurtz Jonas pntr
- Russell Arth M ΔNO2-8767
- Lucker Walter A

E Kingsley intersects

- 502 No Return
- 503 Jewett Geo H @ trucking ΔNO2-3919
- Gibbs Thos W ΔNO5-6279
- 505 Vacant
- 508 Fields Cecil A @ ΔNO2-5260
- 510 Knapp Eug L @ ΔNO3-5223

Beakes intersects

- 604 Haywood Annie Mrs
- 611 Riddle Lytle @ ΔNO2-6061
- Bell Clifford W ΔNO8-8663
- Seeley Howard ΔNO2-9716

28 Apartments

- 1 Nelson Lucille Mrs practical nurse ΔNO2-3314
- 2 Mass Myrtle Mrs ΔNO2-3314
- 3 No Return
- 4 Nelson Lucille Mrs @ nurse ΔNO2-3314

- 620 Dixon Wm @ ΔNO2-7725
- 621 Clemons Jewell P Mrs @ ΔNO5-6059
- rear Hall Henry ΔNO3-2184
- 622 No Return
- 625 Day Hattie Mrs @ ΔNO8-6283
- 626 Calvert Burgess @ trucking ΔNO8-6817

- 628 Shewcraft MiCagy P @ ΔNO2-4103
- 632 Bethel AME Ch ΔNO3-3800
- 633 Spann Roscoe ΔNO3-6784
- 635 Wilson Benj @ ΔNO2-5724
- 637 Wilson LaVaughn @ ΔNO3-0124

- 645 Johnson Clarence A ΔNO2-8812
- 646 Turner Laura B Mrs @ ΔNO2-1541
- 651 Baker Chas H @ ΔNO8-7460
- 652 Bullock Richd R ΔNO3-2593

701 Apartments

- 1 Walker Ophelia Mrs ΔNO3-3641
- 2 Dunagan Alonzo
- 3 French Robt L ΔNO3-9239
- 4 Vacant
- 705 Howard Russell A @ ΔNO3-4519
- 708 Matthews Geo @ ΔNO2-5111
- 709 Scott David A @ ΔNO3-6061
- 712 Patterson Jas P @
- 717 Shepherd Thos @ ΔNO5-5626
- 718 Anderson Bernice D @ ΔNO8-8264
- 719 Vacant

E Summit intersects

- 809 Dennard Richd @ ΔNO8-7135

Depot intersects

2 4TH AV S—From 200 E Huron south to E Madison

- 103 Jimmy's Barber Shop ΔNO3-9277
- 105 Acousticon Moran Co hearing aids ΔNO3-1362
- Hearing Aid Center ΔNO3-1362
- 106 Burton Fred Abstract Co (br) ΔNO3-9395
- 109 Vagias Beauty Salon ΔNO8-6244
- 111 Robertson's Aluminum Window Co ΔNO3-4916
- 111½ Ann Arbor Lodge No 44 (KofP)
- 113 Vacant
- 114-16 US Health Educ & Welfare Dept of Sqaial Security Admn ΔNO2-3275
- 117 Martin Mineral Shop jwlyr
- 118 Hutzel & Co (side ent)

E Washington intersects

- 201 Beneficial Finance Co ΔNO3-8501
- 204 Botchen John G sign pntr ΔNO8-8982
- Johnson James
- 205-07 White-Haines Optical Co (br) ΔNO2-3182
- 206 Kay's Children's Shop clo ΔNO3-2320
- 208 DeLux Drapery & Shade Co ΔNO2-6524
- 209 Johnson H P Co (additional space)

CATALINA DR—Contd

- 1507 Poulos Wilbur J @ ΔNO3-3667
- 1510 Werner Robt H @ ΔNO3-3075
- 1511 Trezise John B @ ΔNO3-6113
- 1516 Woollams Stanley J @ ΔNO3-9523
- 1517 Carpet Craft carpet layer ΔNO2-7562
- Killebrew Joe B @ ΔNO2-6930

- 1520 Lawrence Frank W @ ΔNO3-5185
- 1521 Hoppe Doug C jr @ ΔNO2-7446
- 1526 Smith Danl L jr @ ΔNO2-6854
- 1527 Procaskey Carl J @ ΔNO3-8256

Avondale av intersects

2 CATHERINE—From 300 N Main east and northeast to Glen dr

- 109 George's Restr
- 111 Charlie's Barber Shop ΔNO2-7480
- Kuhn Edw @ ΔNO3-5513
- 113 Ann Arbor Glass Co ΔNO3-2546
- 121 Vacant

N 4th av intersects

- 201 U S Air Force Recruiting Sta ΔNO2-1463
- USAF Reserve 9615 Air Reserve Squadron ΔNO3-2176
- Sawyer Guldberg & Assoc ΔNO3-8708
- Guldberg Adv ΔNO3-9356
- U of M (radiation laby)
- Dailey R G Co mfrs agt ΔNO8-6908
- Vokar Products Inc ΔNO8-6908

Detroit intersects

- 216 Groff Ernest J @ ΔNO8-9748

N 5th av intersects

- 308 Toperczer Arpad ΔNO5-7433
- 309 Aupperle Pauline Mrs @ ΔNO3-3521
- Bokas Geo
- 311 Kokkales Chas C @ ΔNO3-1798
- 314 O'Brien Emma J Mrs @ ΔNO2-2304
- 315 Magel Mabel Mrs @ ΔNO5-7398
- Pannebaker Jas ΔNO3-6441
- 318 Widenmann Pauline C @ ΔNO2-2306
- 319 Clapsadle Howard B @ ΔNO2-0096
- Ann Arbor Well Drilling & Pump Co ΔNO2-0096
- 322 Barnes Robt B @
- 324 **Apartments**
- 1 Snellenberger Marie C Mrs
- 2 Westenfeld Daisy B Mrs ΔNO3-0739
- 3 Park Ray
- 4 Copeland Gloria F
- 5 Wills Donna M ΔNO3-4040
- 6 Marvin Jessie Mrs ΔNO3-8351
- 325 Gansle Albert @ ΔNO3-1774
- 326 Rhoades Jennie S @ mus tchr ΔNO2-1734
- 326½ Norton Hoyt E ΔNO3-4697
- 328 Hawks Lawrence E ΔNO3-8867
- 329 Raaf John J @ ΔNO8-6358

- 331 Allmendinger May A @ ΔNO3-5748
- Glennon Mary L Mrs @ ΔNO3-4455
- Monahan Caroline Mrs ΔNO8-6731
- Schaadt Mary Mrs
- 334 Phys Clinical Laby ΔNO8-6507
- 335 Wagbo Olga M
- Pachmuss Temira
- 338 Hylkema Pauline M ΔNO3-1460
- Dey Edw K ΔNO3-7718
- 342 Reed Myrtle Mrs

N Division intersects

- 500 Vartanian Arth ΔNO5-5679
- 502 Smith John E @ trucking ΔNO2-8228
- Krause Chas ΔNO3-6466
- 504 Warren Anna A Mrs @ ΔNO2-1869
- 505 Hall Lloyd G bldg mtce ΔNO3-8115
- 506 No Return
- 510 Wint Raymond @ ΔNO8-8598
- 514 Carver Louise B Mrs @ ΔNO3-6251
- 515 Branson Henry @ author ΔNO8-7793
- 516 Smith Cora D Mrs @ ΔNO2-3950
- 517 Clark J Bunker ΔNO8-7019
- Kawata Hajime ΔNO2-0745
- 600 Malloy M Louise @ ΔNO3-2171
- 601 Maulbetsch N Gertrude @ ΔNO3-0679

602 Apartments

- 1 No Return
- 2 Darby David G ΔNO3-3831
- 3 Shaw LeVeta Mrs ΔNO2-6298
- 4 Openlander Sue M ΔNO5-8243
- 5 No Return
- 603 Marx Norma ΔNO2-2235
- 603½ No Return
- 605 Lease Edw ΔNO3-5712
- 606 Chung Yum H @ ΔNO3-1695
- 607 Salisbury Ray H ΔNO2-1687
- 608 Newcomb Robt S @ ΔNO2-9972
- 611 Duff Lela A @ ΔNO2-2085
- Tysee Agnes N @ ΔNO8-6533
- 612 Hirsch Fredka ΔNO3-9167

N State intersects

- 701 Lueck Harold E @ real est ΔNO3-5304
- 710 Hill Morris E ΔNO2-6121
- Pal Probhat R ΔNO8-8076
- 711 MacNaughton Christine Mrs @ ΔNO3-5837
- 712 Moore Heber G ΔNO5-5942
- 713 **Apartments**
- 1 Sitterley Brooks H ΔNO3-4085
- 2 Mauch Robt ΔNO3-0435
- 3 Bergman John H
- 4 Dennison H Eug ΔNO5-6011
- 715 Pole Frances M Mrs drsmkr
- 716 Sumner Emmons G @ ΔNO3-5637
- 720 Brewer Wilson K phys ΔNO3-2489
- 721 Perhay Barbara ΔNO3-8117
- Hutchinson Nina B Mrs ΔNO5-7523

N Thayer intersects

- 801 Vacant
- 806 Vogel Ruth F ΔNO8-6574
- 808 Fowler Lloyd A ΔNO3-1801
- 809 Under Constn

- 519ΔMeller Edw B
- 520ΔZemke Harold T ⊙
- 523ΔWild Carl F ⊙
- 524ΔPerry Emma T Mrs ⊙
- 525ΔMackie Walter G C
- 532ΔStanger Anna M Mrs ⊙
- 538ΔColeman Robt L ⊙
- 539ΔKlaphaak John ⊙
- 542ΔKoebnick Walter W ⊙
- 543ΔSteeb Mary A Mrs ⊙
- 546 Larmee Chas ⊙
- 549ΔHunter Roy N ⊙
- 554ΔRemnant Howard R ⊙

W Madison inter-sects

2

4TH AV N—From 200 E Huron north to Depot

- wsΔCourt House
- 104ΔCasey's fill sta
- 106 **Land Title Bldg**
ΔWashtenaw Abstract Co
- ΔDeVine & DeVine lwyrs
County Prosecuting Atty
- ΔCrawford Clan jr lwy
- 110ΔYoung Men's Christian Assn
Y's Men Club
YMCA Club
Gra-Y Club
- 116 Universal Die Casting & Mfg Corp (ofc)
- 118 **Kerr Bldg**
ΔAnn Arbor Clin
Sup Co jan supplies
- 118½ΔKerr & Sons prntrs
- 120-22 **Tuomy Bldg**
ΔWashtenaw County Tuberculosis Assn
- 120ΔLoree Douglas D archt
ΔThrift Shop The 2d hd gds
- 122ΔKutsche A W & Co bldg contrs
ΔShmina A Z & Sons Co bldg contrs
ΔAnn Arbor Piano Co
- E Ann intersects**
- 200 Vacant
- 201ΔF & F Service fill sta auto repr
- 203 Vacant
- 204ΔMoseley Typewriter Co
- 206ΔFlemming Equip Co machy

4TH AV N—Contd

- 208ΔAnn Arbor Business Center (Junior Achievement)
- 209-11 **Colored Welfare Bldg**
- 209ΔBullock Pelly Cleaners
- 210 Vacant
- 211ΔHarmon Sadie Mrs beauty shop
Phillips Joseph R
- 212 Vacant
Detroit begins
- 213-17 **Wurster Bldg**
ΔWedemeyer Electronics Sup Co radio
- 213½ΔZal-Gaz Grotto No 34
- 214ΔAnn Arbor Glass Co
- 214½ΔPerry Geo
Davis Dorothy Mrs
- 219 Wedemeyer Electronic Supply Co (parking lot)
Catherine inter-sects
- 312 Simpson Florence
Atkins Georgianna
ΔWells L C ⊙
- 314ΔBiedermann Wm O
Braun ct ends
- 318ΔKokenakes Frank J ⊙
- 322ΔKokenakes Andrew J ⊙
- 400 Municipal Market (rear ent)
- 401 **Apartments**
1ΔAnthony Joseph S
2ΔLocust James
3 Bridges Bailey
401½Grayer Chas R
- 409 **Apartments**
1-2ΔBenton Chas jr
3ΔClinkscale Lucius
- Street continued**
- 409½ΔBurkhart Type-setting Co
- 410ΔGodfrey Moving & Stge Co
- 410 Allied Van Lines Inc
- 415ΔParker Jas ⊙
- 420ΔDunbar Community Assn Inc
Bridge Thos
- 421ΔDunbar Community Assn Inc
Bridge Thos
- 421ΔSaunders Cath L Mrs ⊙
- 423 Peoples Roofing Co
ΔRussell Arth
- E Kingsley inter-sects**
- 28
- E Kingsley inter-sects**
- 502 No Return
- 503ΔJewett Geo H ⊙ trucking

CAROLINA AV—Contd W Liberty inter-sects
(No houses)

11

CATALINA DRIVE—
1457ΔAnderson Saml R ⊙

2

CATHERINE—From 300 N Main east and north-east to Glen dr

- 109 Connies Restaurant
- 111 Morgan Chas J
- 111½ΔKuhn Edw J
- 113ΔAnn Arbor Window Cleaning Co
- 120ΔWedemeyer Electronic Sup Co

121ΔAnn Arbor Dairy Div Det Creamery Co
N 4th av inter-sects

- 201 Vacant
- Detroit intersects**
- 216ΔGroff Ernest J ⊙

4

N 5th av intersects

- 308ΔPierce Harley H
- 309ΔAupperle Karl A ⊙
- 311ΔKokkales Chas C ⊙
- 314ΔO'Brien Emma J Mrs
- 315ΔMagel Mabel S Mrs ⊙
ΔSharp Robt B
- 318ΔWidenmann Pauline C ⊙
- 319ΔClapsadle Howard
B well driller
- 322ΔBarnes Robt B ⊙
- 324 **Apartments**
1 Snellenberger Marie Mrs
2ΔWestenfeld Daisy H Mrs
3 Kovich Geo
4ΔGreen Eva S Mrs
5ΔHowalinski Josephine
6ΔHeddleson Violet

Street continued

- 325ΔGansle Albert ⊙
- 326ΔRhoades Jennie S ⊙ piano tchr
- 326½ΔNorton Hoyt E
- 328ΔHawks Lawrence E
Garrett N W
bsmt Baker Kenneth
- 329ΔRaaf John J ⊙
- 331ΔAllmendinger Mary A ⊙
- 334ΔRocco Dominic ⊙
- 335 **Apartments**
1Miyamoto Roy M
2ΔGodfrey Donna V Mrs
- 301ΔHelliard Winifred A
- Street continued**

338 Lockwood Jas C Gilke H
ΔCryer Wm
342ΔSmith Brenton H
N Division inter-sects

- 500ΔCox James W
- 502ΔSpidell Geo ⊙
- 504ΔWarren Anna A Mrs ⊙
- 505ΔSchutze Wilbur R Rev
- 506ΔFawcett Lula B Mrs ⊙
- 510ΔSmith Edwin M ⊙
- 514ΔWelch Wm H ⊙
- 515ΔBranson Henry C
- 516ΔSmith Cora D Mrs ⊙
- 517ΔStaebler Minnie C Mrs ⊙
- 600ΔMalloy David L ⊙
- 601ΔMaulbetsch N Gertrude ⊙ ins
- 602 **Apartments**
1ΔHulett Don
2ΔLalonde Augustine J
3ΔShaw Laveta P Mrs
4ΔHook Florine
5 Cho Soon S
- Street continued**
- 603ΔBird Marion Mrs ⊙
ΔDunlevy Colleen A
- 605 Vogel Norma J Mrs
ΔGarrett Dane M
- 606ΔPryor Robt H ⊙
- 607ΔSalisbury Ray H landscape gdnr
- 608ΔStringer Mary E
ΔBeaudin Jan A
- 611ΔDuff Lela A ⊙
- 612ΔGodfrey Robt

26

N State inter-sects

- 701ΔLueck Harold E ⊙
- 710ΔWeber Herman H ⊙
ΔShrum Chas N
- 711ΔMacNaughton Christine Mrs ⊙
PlayCenter Nursery Sch
- 712ΔRenner Raymond
- 713ΔMoe Orville A
- 715ΔThomas Joel B
- 716ΔSchnearle Caroline Mrs ⊙
- 720ΔWashtenaw County Health Dept
ΔAnn Arbor Visiting Nurses Assn
- 721ΔMcCain Nina K ⊙
- N Thayer inter-sects**
- 801ΔFreeman Eva L Mrs ⊙
- 806ΔVogel Nana M Mrs ⊙
- 808 Vacant
- 809ΔSolar Reeves R ⊙

341 E. HURON ST.

4TH AV N--Contd
Tuomy Bldg--Contd

ΔLoree Douglas D archt
Smith Murray J A
ΔKearney Ambrose N
real est

E Ann intersects

200 Vacant
201ΔGrayer Loren fill sta
203 Monroe Eula
204ΔSewing Machine Sales
& Serv
206ΔFlemming Equip Co
machy
207ΔErskine Welding &
Steel Fabrication
208ΔAdams Antique Shop
208½ Vacant
209-11 **Colored Welfare
Bldg**

210 Vacant
210½ Vacant
211ΔHarmon Sadie beauty
shop
Carter Clifford
ΔRagland John L lwyr
212ΔRohn Electric Shop
contrs

Detroit begins

213-17 **Wurster Bldg**
ΔWedemeyer Electron-
ic Sup Co radio
213½ΔZal-Gaz Grotto No
34

214ΔGriffel Irving restr
record shop
214½ McGuire Robt E
219 Tiger Oil Co fill sta

Catherine intersects

312ΔWilliams Dakota @
314ΔBiedermann Wm O
Braun ct ends

318ΔKokenakes Frank J @
322ΔKokinakes Andrew J @
401 **Apartments**
1 Locust James
2 Anthony Joseph S
3 Hoskins Lillian Mrs
401½ Robinson Governor
409 **Apartments**
1ΔMurphy Morris
2ΔTaylor Oliver
3ΔO'Neal Wm J jr

Street continued

410ΔGodfrey Moving &
Storage
415ΔParker James @
420ΔDunbar Community
Assn Inc
Bridge Thos
421 Saunders Cath L Mrs
423ΔJohnson Adelbert A
Peoples Roofing Co
ΔRussell Arth
Kurtz Jonas

**E Kingsley inter-
sects**

502ΔArnold Laura @ drs-
mkr
ΔNewman Lydia R Mrs
drsmkr
503ΔJewett Geo H @
Benton Charlie A
505ΔPerakis Nicholas A
gro

Zographos Costas N
Mrs @

508ΔFields Cecil A @
510ΔKnapp Eug @

Beakes intersects

611ΔRiddle Lytle A @
617ΔNelson Lucille Mrs @
620ΔKuehn Alvin H @

ΔMoore Bertram C

621ΔThomas Olive B Mrs
622 Muirhead Harry jr
625ΔDay Hattie Mrs @
626ΔCalvert E Burgess @
628ΔShewcraft MiCagy p
632 Bethel A M E Church
633ΔQuicksey Lloyd L
Page Grace B Mrs
Hill Homer S

635ΔDavis Howard S @
637ΔWright Geo @

Rutledge Albert C
645ΔBlake Richd D
646ΔTurner B Laura Mrs
646 Howard Russell A
650 Vacant

651ΔBaker Chas H @
652ΔParham LeRoy @

ΔHarris Louis jr
701 **Apartments**

1ΔHarrison Victory
2ΔDavis L A
3ΔMiller Hattie J Mrs
4ΔReed Caliweste

Street continued

705ΔEverett Joseph R @
708ΔPerry Adam D @

ΔJones Marion @
rear Vacant
709ΔScott David A @
711 Vacant

712ΔPatterson Jas @
717ΔMitchell Blanche L
Mrs @

718ΔAnderson Floyd C @
719ΔBlackburn Estella M
Mrs

**E Summit inter-
sects**

809ΔDennard Richd @

Depot intersects

4TH AV S--From 200 E

Huron south to E Madison
105ΔBarnard & Norton
Constn Co

106ΔBurton Fred Abstract
107ΔLaHommedieu Distr
108 Allene Barber Shop
109ΔVagias Beauty Salon
110ΔContract Purchase
Corp auto finan-
cing

ΔContinental Invest-
ment Corp loans
111ΔHofer's Office Mach
Serv

111½ Knights of Pythias
AA Lodge No 44 (K-
of P)

112 Vacant
113 Midwest Furn Co
Annex

114 Vacant
116 Vacant
118 Hutzel & Co (side ent)

**E Washington inter-
sects**

201-03ΔPersonal Finance

**CATHERINE--From 300 N
Main east and northeast to
Glen dr**

109 Hagoplan Geo C restr
111 US PO (storage)

Morgan Chas J barber
111½ΔKuhn Edw J @

113ΔBurkhart Typesetting
118 Warrum Virgil P @

120 Vacant

121ΔAnn Arbor Dairy Div
Det Creamery Co

122 Moynihan John R

N 4th av intersects

201-05ΔVogue Dry Clnrs &
Lndry

Detroit intersects

216ΔGroff Ernest J @

N 5th av intersects

N 5th av intersects

308ΔFord Jas W
309ΔAupperle Karl A @

311ΔKokkales Chas C @
Valvanis T Wm plmbr

314ΔO'Brien Emma J Mrs
315ΔMagel Mabel S Mrs @

Boerman Walter J
ΔKubeck Marianne E

ΔKellogg Frank M
318ΔWidenmann Pauline C

319ΔClapsadie Howard @
well driller

322ΔBarnes Robt B @

324 **Apartments**
1 McTaggart Geo W

2ΔFisher John
3 Tuomy Nellie

ΔParker Cath Mrs
4 Tripp Lathan P

Street continued

325ΔGansle Albert @
326ΔRhoades Jennie S @

mus tchr
326½ΔNorton Hoyt E
328ΔHawks Lawrence E

329ΔRaaf John J @
331ΔAllmendinger May A

ΔKennedy Emma C Mrs
334ΔKraft Geo V

335ΔButler Gladys M

338 **Apartments**
1 Lockwood Jas C

2ΔEbach Wendell J
3ΔMorris Alice O Mrs

4ΔRondolino Louis

FOURTH AV N — From 200 E Huron north to Depot
 ws Court House
 106 Land Title Building
 ΔWashtenaw Abstract Co
 ΔDeVine Frank B lawyer
 110ΔYoung Men's Christian Assn
 116 Huron Valley Building
 ΔA A Federal Savings & Loan Assn
 118 Kerr Building
 ΔA A Window Cng Co
 ΔA A Cng & Supply Co janitor supplies
 118½ΔKerr & Sons printers
 120-22 Tuomy Building
 ΔTuomy & Tuomy real est and ins
 ΔWashtenaw County Tuberculosis Assn
 Planned Parenthood Clinic of AA
 122ΔRice Alf lawyer
 Smith Murray
 Kearney Ambrose N real est
E Ann intersects
 200ΔAprill Furniture Co
 201 Abbott Gasoline Co tire reprs
 207 Hariton Harry N whol wines
 208ΔO K Pool Room
 208½ Vacant
 209-11 Colored Welfare Building
 209 Perakis Nicholas billiards
 Elliott Saml L barber
 210ΔStar Produce Co whol fruits
 210½ Vacant
 211ΔHarmon Sadie beauty shop
 Harmon Saml
 Shelby Herman
 ΔRayland John L lawyer
 212ΔTurner Bros uphol
 212½ΔTurner Geo D
Detroit begins
 213-17 Wurster Building
 213ΔCounty Health Dept
 213½ Graf-O'Hara Post No 423 (VFW)
 215ΔAdams Antique Shop
 217ΔSymons Bros whol gros
 219 Vacant
Catherine intersects
 312 Poland Georgia A
 314 Biedermann Wm O
Braun ct ends
 318 Kokenakes Frank J @
 322 Kokenakes Andrew J
 401 Cook Julia P Mrs @
 409 Apartments
 ΔMede Madeline R Mrs
 ΔBevensee Andrew L
 ΔGibson Robt W
Street continued
 410ΔGodfrey Moving & Storage
 ΔAssociated Truck Lines
 415 Boner Chas T
 420ΔDunbar Community Center
 Williams Douglas E H
 421 Saunders Harry E @
 423 Lamerson Geo H
 Kurtz Jonas
E Kingsley intersects
 502 Bacon Paul E Rev
 503ΔJewett Geo
 Taylor Oliver
 505 Corwin's Grocery
 ΔUlmer Pink
 508ΔFields Cecil A @
 510ΔKnapp Eug @
 ΔBrown Roy
Beakes intersects
 603 Vacant
 605 Vacant
 611 Riddle Lytle A
 Brooks Izella
 617 Nelson Lucille Mrs
 620ΔKuehn Frances Mrs @
 Moore Bertram C
 621ΔThomas Olive Mrs @
 622 Vacant
 625ΔDay Jos E @
 626ΔCalvert Burgess @
 628ΔShewcraft MICagy @

632 Bethel A M E Church
 633 Page Grace B Mrs
 Quicksey Lloyd
 635 Davis Howard S
 637ΔHunter Calvin L @
 645ΔMorgan Frank W @
 646ΔTurner Laura B Mrs @
 650 Lowry Theo
 651ΔBaker Chas H @
 652ΔTurner Nelson
 Younger Wm
 701 Apartments
 ΔHarrison Blanche
 2 Vacant
 3 Miller Hattie
 ΔReed Carey
Street continued
 705 Williams Orville J @
 708 Jaramillo Benicio
 rear Jaramillo Manuel
 709 Bridges Bailey
 711ΔJackson Velma
 712ΔJackson John @
 717 Mitchell Blanche L Mrs @
 718ΔAnderson Floyd C
 719 Case Emery
E Summit intersects
 809ΔBailey Carrie D Mrs @
Depot intersects
FOURTH AV S — From 200 E Huron south to E Madison
 105 Boland Chas A barber
 107 Watch Shop jwry reprs
 109 Komopoulos Jas shoe shiner
 111ΔOffice Equipment Service Co
 111½ Komopoulos Jas
 112 Allenel Barber Shop
 113 Midwest Furn Co Annex
 114ΔA A Junior Chamber of Commerce
 ΔMosley Typewriter & Supply Co
 116ΔRohn Electric Shop
 118 Hutzal & Co (side entrance)
E Washington intersects
 201-03ΔPersonal Finance Co
 204 Richards Harry J awnings
 ΔBotchen John G signs
 206ΔPilbeam & Marz Co draperies
 Swisher Raymond D
 205-207ΔAutomobile Club of Michigan
 ΔDetroit Auto Inter-Insurance Exch
 ΔA A A
 208ΔStofflet News Co
 ΔMeyers C F Printing Co
 209ΔJohnson & Co household appliances
 ΔGeneral Electric Store
 209½ΔSharp R M Laboratories dental
 210-16ΔMontgomery Ward & Co dept store
 211ΔBall & Fisher ofc supplies
 213ΔBehnke Furniture Co
 215ΔGagalis Geo gro
 ΔGillespie Signs
 217ΔBeden Arth G refr equip
 218 Vacant
 221ΔFrancisco & Boyce Photo Co (br)
E Liberty intersects
 309ΔJaroszyk John J
 312ΔRivard Theo C
 313ΔDeiPrete Ralph @
 314ΔMarchese Eva Mrs @
 320 Wilkinson Anna E Mrs auto parking
 324ΔWilkinson Frank W @
 326 Sousa Walter T
 327ΔMasonic Temple
 Masonic Temple Assn
 AA Chapter No 122 OES
 AA Commandery No 13 KT
 AA Council No 86 R&SM
 AA Lodge No 544 F&AM
 Fraternity Lodge No 262 F&AM
 Golden Rule Lodge No 159 F&AM
 Washtenaw Chapter No 6 RAM
 CIO Local No 790
 AA Typographical Union No 154
 Grace Bible Fellowship
 Townsend Club
 Otsingo Lodge No 9 IOOF
 Canton Lodge No 30 IOOF

CARHART AV—From junction of South blvd and Brockman blvd south to Highland drive (not open between city limits and Highland drive)
 2014ΔSchlagheck Donald P @
City limits
 (Not open between city limits and Highland drive)
 Anderson av ends (not open)
 Highland dr ends (not open)
CARLYLE AV (Kimberly Hills)—From Gladstone av east to Kimberly road, 2 south of Independence blvd
 Kimberly road intersects
CAROLINA AV—From Winewood av south to 2100 W Liberty
 Thaler av intersects
 W Liberty intersects
CATHERINE—From 300 N Main east and northeast to Glen drive
 109ΔBob's Lunch
 111 US PO (storage)
 Morgan Chas J barber
 111½ΔKuhn Edw J @
 113ΔBurkhart Typesetting Co
 118ΔViertel Emil R
 Sherrod Ray
 Sherrod Frank
 120 Klalber Chas T
 121ΔAnn Arbor Dairy Co
 122 Moyman John R
N Fourth av intersects
 201-05ΔWhite Swan Laundry & Dry Cleaning Co
Detroit intersects
 216ΔGroff Ernest J @
N Fifth av intersects
 308ΔFord Jas W
 Willmer Carl L
 Grahm Etta Mrs
 Cooper John
 Knapp John
Street continued
 309ΔBlankenbaker Kenneth H
 311ΔKokkales Chas C
 314ΔO'Brien Emma J Mrs @
 315ΔNagel Mabel S Mrs @
 318ΔWidenmann Carl F @
 319ΔMarsh Steph E @
 322ΔBarnes Robt B @
 324 Apartments
 ΔBinder Fred @
 2 Green Freeman F
 3 Weber Herman H
 4 Hellner Fredk C @
Street continued
 325ΔGansle Albert @
 326ΔRhoades Jennie S @ mus tchr
 ΔRhoades Lewis @
 326½ Norton Hoyt E
 328ΔHellner Edw F @
 329ΔRaaf John J @
 331ΔAllmendinger May
 Stover Ella Mrs nurse
 Kennedy Emma C Mrs nurse
 Campbell Julia nurse
 Kingley Helen nurse
 334ΔPalm Wm C
 335 Bolas Mary
 338ΔWalsh Isadora E Mrs @
N Division intersects
 500ΔDavis Jas A @
 502ΔWurster Jacob F @
 504ΔWarren Anna A Mrs @
 506ΔFawcett Harry @
 510ΔDancer Eliz Mrs @
 514ΔWelch Wm H @
 515ΔBranson Henry C
 516ΔDean Eleanor M Mrs @
 517ΔStaebler Minnie C Mrs @
 600ΔMalloy David L @
 601ΔMaulbetsch N Gertrude @ ins
 602 Apartments
 ΔTerry Carl E
 2ΔStinson Arch C J
 3 Shaw Laveta Mrs

4 Rendel David
 5 Vacant
Street continued
 603ΔChampion Robt O @
 605ΔRogers Alta J @
 606ΔCrull Lena M Mrs @
 607 Salisbury Ray H landscape gdnr
 608ΔHaaxma Sybrand @
 611ΔDuff Lela A @
 612 Lynch Roland
 Pressnell Chas
 615 Bush Orvell E
N State intersects
 710ΔFinkel Maurice H
 ΔMayer Hans K
 711ΔMacNaughton John @
 MacNaughton Frances R nursery school
 712ΔDeFries Jos H
 713 Frange Eliz
 715ΔRobinson Frank P @
 716ΔSchnearle Caroline Mrs @
 720ΔHouvener Henry C
 721ΔMcCain Ida V @
N Thayer intersects
 801ΔFreeman Eva L Mrs @
 806ΔVogel Nana M Mrs @
 808ΔLopate Anna Mrs
 809ΔSolar Reeves R @
 811ΔNichols Anna B @
 812ΔMantle Juanita B Mrs
N Ingalls intersects
 916ΔMcCrumb Ross C
 918 Rensberry Burton
 920ΔCrapsey Velma @
 922ΔWalker Edw W
 926ΔDeardorff John W @
 1000 Heslip Edsel
 1003ΔFranklin Harold A @
 1004 Vacant
 1005ΔWright Marie @
 1006ΔHenderson Ferdinand
 1009 Block Raymond @
 1010 Hurst Sadie L Mrs
 1012ΔDrayer Donald @
 1015ΔLewis Edw J
 1016ΔWilson Wm
 1017ΔMalmo A Sig @
 1017½ΔTurner John S
 1020ΔMorris Dolen gro
 1021ΔHaywood Lattimore @
 Haywood Jas
 1024ΔLucas Harold
 1025 Vacant
 1027ΔHarrison Levi @
Glen av intersects
 1100ΔOwad Jos @
 1104ΔRichards Glenna Mrs @
 1110ΔHouseright Aline H Mrs
 1111ΔU of M Victor C Vaughan House
 dormitory
 ΔBuckslen Robt W
 ΔVaughn Herbert H
 1112ΔBradley Julia Mrs @
 1116 Vacant
 1118ΔMiller Alta F Mrs @
 1122ΔGray Aurelia Mrs
 1126ΔSergeant Richd M
 1128 University Hospital Nurses Home
 1132 Ward Helpers Home (U of M)
 1136ΔJennings Kath Mrs @
 1142ΔBelmore Inn hotel
 ΔBelmore Restr
 ΔJedele Norman
 ΔCummings Edw
 1144 Weakley Robt @
 ns 1 wΔUniversity Hospital (convalescent dept)
Clark ends
 nw cor U of M Virology Laboratory
 1205 Pemberton Welsh Nurses Home
 ss 1 e U of M Internes Quarters
 ns 1 eΔU of M Contagious Disease Hosp
Glen drive intersects
CAYUGA PLACE—From E Stadium blvd south ½ block, 2 east of Ferdon road
 (No houses)

FOURTH—Contd
532⁴Stanger Anna M Mrs @ nurse
538 Kuhn Richd A
539⁴Klaphaak John @
542 Ward Willard W
543 Gray Chas D
546⁴Larmee Emily C @
549⁴Hunter Roy N @
554⁴Remnant Howard H
W Madison intersects

**FOURTH AV N—From E Huron north to Depot, 1 east N Main
ws Court House**

106 Land Title Building
⁴Washtenaw Abstract Co
⁴Conlin John W lawyer
⁴DeVine Frank B lawyer
⁴DeVine Beatrice A lawyer
Rogers C Sears lawyer
⁴Title Ins Co

110⁴Young Men's Christian Assn
116 Huron Valley Building
⁴A A Federal Savings & Loan Assn
2d fl⁴Mcomber & Peirsol ins and real est

A A Assn of Ins Agents
⁴Bradley Russell A ins
118 Kerr Building
⁴Rausser Outfitting Co furn

118¹/₂⁴Kerr & Sons printers
⁴Standard Window Shade Shop

120-22 Tuomy Building
⁴Tuomy & Tuomy real est and ins
⁴Wickett Mary Mrs county agt
State Dept of Social Welfare
Bureau of Social Aid
Bureau of Social Security (Area office)
Thrift Shop Inc The 2d hd clo

122⁴Manchester & Rice lawyers
E Ann intersects

200-06⁴Secretary of State (br office)
⁴Junior Chamber of Commerce
201 Callaway Hi-Speed Service filling sta
Callaway Wm M

207 Clark Whol Produce Co (whse)
208 Fourth Av Pool Room
208¹/₂ Winkler Alex W
Plum Robt

209 Perakis Nicholas billiards
Elliott Saml L barber

209-11 Colored Welfare League Bldg
210⁴Star Produce Co whol fruits
210¹/₂ Pentecostal Mission
Hansor John

211⁴Charlotte Beauty Shop
⁴Julia's Tea Room restr
Smith Julia Mrs

212⁴Haarer Geo J gros and meats
Turner John S furn repr
Detroit begins

213-17 Wurster Building
213⁴American Home Stoker Inc
213¹/₂⁴Advertisers Publishing Co adv novelties

215⁴Antique & Book Mart
217⁴Mich Chandelier Co
219 Parker Hugh M fill sta
Catherine intersects

312 Grant Jacob S pntr
314⁴Biedermann Wm city market master
Biedermann Margt Mrs restr
Braun et begins

318 Kokenakes Frank J @
322 Kokenakes Andrew J
401 Cook Hosmer J @
⁴Cook Vernor H

409 Apartments
1 Mede Madaline R Mrs
2 Alber Mary Mrs
3 Gibson Robt W
Street continued

410⁴Godfrey Homer B storage and cartage
⁴Associated Truck Lines
415⁴Martin Kath B Mrs @
420⁴Dunbar Community Center
Williams Douglas E H
421 Saunders Harry E @
Carnes Elbert
423 Falconer Chas R
Lamerson Geo H
E Kingsley intersects

502 Bacon Paul E Rev
503 Hall Matt
Hurst Sadie L Mrs
505 Corwin Grocery
Corwin Lea M Mrs @
Eugene Blanche Mrs
508 Fields Cecil A @
510⁴Knapp Eug @
Hopkins Jane Mrs
Beakes intersects

603 Vacant
605 Douglas Clifford
Mason Chas G
611 Riddle Lytle A
Reynolds Earl C
617⁴Nelson Leo
620⁴Kuehn Frances Mrs @
Moore Bert C
621⁴Thomas Olive Mrs @

622 Winters Thos
625⁴Day Jos E @
626 Calvert Burgess
628 Shewcraft Micagy @
629 Vacant
632 Bethel A M E Church
633 Page Grace B Mrs
Williams Irvine L
635 Davis Howard S
637 Hunter Calvin @

645 Morgan Frank W @
646⁴Turner Laura Mrs @
650 Hearn Milton J
651⁴Baker Chas H @
652 McClure Robt
Warren Jos

701 Apartments
bsmt Vacant
1 Harrison Blanche
2 Keith Eva Mrs
3 Johnson Mattie
4 Walker Jas

Street continued
705 Williams Orville J
708 Turner Clarence D
Wigg Nannie C Mrs
709 Morris Allen @
711 Wells Garnett Q
Thomas Geo H
712 Jackson John @
717 Mitchell Blanche L Mrs @
718⁴Bennett Victoria Mrs @
719 Hall Henry C
E Summit intersects

809⁴Bailey Carrie D Mrs @
Depot intersects

FOURTH AV S — From 200 E Huron south to E Madison, 1 east of S Main
105 Boland Chas A barber
107 Watch Shop jwly reprs
109 Komopoulos Jas shoe shiner
111 Fourth Avenue Smoke Shop
112 Allene Barber Shop
113 Used Car Exchange
Motors Service Garage (used cars)
114⁴Cardinal Beauty Shoppe
116⁴Rohn Electric Shop
118 Hutzl & Co (side entrance)
E Washington intersects

201-03⁴Personal Finance Co
204 Richards Harry J awnings
⁴Botchen John G signs

205⁴Nelson Realty
⁴Peterson Ward D ins
206⁴Pilbeam & Marz Co draperies
Swisher Raymond D

CAREY—From end of Detroit east, rear MCRR Depot
⁴NYC System Passenger Station
Union News Co
⁴Western Union Telegraph Co (br)
⁴Railway Express Agency

CARHART AV — From Brockman blvd south 1 block, 5 east of Packard
No houses

CARLYLE AV — From Gladstone av east to Kimberly rd, 2 south of Independence blvd
714 Carvane Edw
Kimberly rd intersects

CAROLINA AV — From Vinewood av south to W Liberty, 2 east of Boulevard dr
No houses
W Liberty intersects

CATHERINE—From 223 N Main east to Clark, 2 north of E Huron
109⁴Bob's Lunch
111 US PO (storage)
City Garage
111¹/₂ Kuhn Edw J
113 Charlie's Barber Shop
Burkhardt Typesetting Co

118 Reed Phoebe Mrs
Wilson Robt G
Valley Jas E
Rayn Donald C
120 Nichols Mary Mrs
121⁴Ann Arbor Dairy Co
122 Perakis Harold A
N Fourth av intersects

201-05⁴White Swan Laundry & Dry Cleaning Co Ltd
Detroit begins
216 Groff Ernest J @
227 Cook & Yahr (garage)
N Fifth av intersects

308⁴Green Violette Mrs
309⁴Carver Lucy M
311 Dames John P
314⁴O'Brien Emma Mrs @
315⁴Nixon LeRoy B
318⁴Widenmann Carl F @

319⁴Marsh Steph E @
322⁴Gillett Emma F Mrs @
324 Binder Bennett D
⁴Binder Fred @
325⁴Gansle Albert @
326⁴Rhoades Jennie S @ mus tchr
⁴Hammer Preston C

326¹/₂ Norton Hoyt E
328⁴Hellner Edw F @
329⁴Raaf John J @
331⁴Mayotte Albert S
McMahon Fred @
334⁴Lerg Frank J @
Reynolds Dexter B

335⁴Baxter Hannah Mrs @
338⁴Walsh Isadora E Mrs @
N Division intersects
500⁴Davis Jas A @

502⁴Wurster Jacob F @
504⁴Warren Anna Mrs @
506⁴Fawcett Harry @
Thomas Eva R Mrs drsmkr
510⁴Dancer Eliz Mrs @
514⁴Shankland John B @
515⁴Detting Leo J @
Wilcox Eleanor nurse

516⁴Dean Eleanor M Mrs @
517⁴Staebler Minnie C Mrs @
600⁴Malloy D Leo @
601⁴Maulbetsch N Gertrude @ ins

602 Apartments
1 Hendre Malcolm
2 Stimson Arth C G
3 Vultaggio Paul
4 Brown Charlotte
5 Beerup Ruth

Street continued

603⁴Chase Fred
605⁴Rogers Alta J @
606⁴Crull Lena M Mrs @
607 Smith Thos L
608⁴Tschiltz Aug J
611⁴Duff Lela A @
612 Tolle Chas B
Bosker Grace A
615 Carson R M
N State intersects

710 Bliss May Mrs @
Bliss Claude
Eppler Ludwig
711⁴MacNaughton John @
MacNaughton Frances R day nursery

712⁴Hayman Evangeline Mrs
713 Haines Pauline
715 Bartlett Geo E
716⁴Schnearle Caroline Mrs @
720⁴Houvener Henry C
721⁴McCain Ida V @
N Thayer intersects

801⁴Sawyer John
806⁴Vogel Nana M Mrs @
808⁴Lopate Anna Mrs
809⁴Solar Reeves R @
811⁴Nichols Anna B @
812⁴Zwerdling Abr
⁴Olson Pearl B Mrs
N Ingalls intersects

916⁴McCrumb Ross C
918⁴Schulte Anna Mrs
920 Swados Harvey
Black Franklin R
Black Rita M Mrs nurse
Loder Leonel L

922⁴Walker Edw W @ Indry
926⁴Deardorff John W @
1000⁴Coyle Celia M
1003 Franklin Harold A @
1004 Lacey Nola D Mrs @
1005 Boyd Helen Mrs @
⁴Artis Gerald

1006⁴Henderson Ferdinand @ trucking
Henderson Wm A
1009⁴Fox Clayton E
1010 Anderson Ernest
Jones Lulu L Mrs
1012 Torres Albert R @
Amoreaux Robt
Miranda Jose R

1015⁴Lewis Edw J @
1016 Wilson Ella E Mrs
1017⁴Malmo Sidney A @
1017¹/₂⁴Foulcs John E @
1020 Guest Mertz A tailor
1021 Haywood Lattimore
1024 Lucas Harold
1025⁴Taylor Rufus confr
1027⁴Harrison Levi @
Russell Francis J
Eaton Hubert A
Haynie Wm
Glen av intersects

ne cor⁴University Hospital (convalescent dept)
1100⁴Kopf Frank X A gro
1104⁴Richards Glenna Mrs @ Indry
1110 Shaw Laveta P Mrs
1111⁴Vaughn Victor C House (UofM Dormitory)

1112 Bradley Julia Mrs @
1116 James Arth W
1118 Bird Regina Mrs @
1122⁴Thaler Wm J
1126⁴Palmer Oliver
1128 University Hospital Nurses Home
1132 Internes' Home (UofM)
1136⁴Wilson Ida M Mrs
1142⁴Belmore Inn & Restaurant
Good Eats Restaurant
1144 Vacant
Clark ends

509 Wallace Magdalena Mrs
Weber Nick A
513 Ponto Adolph G pntr
514 Lirette Geo J
517 Bucholz Russell G
520 Redies Edw F
521 Carpenter Roy W

Felch intersects

603 Cook Thos E
604 Paul Lawrence M
605 Clymer Oscar L
610 Sodr Fredk H bldg contr
613 Lutz Chas F
614 Williams Emma C Mrs
616 Thomas Leigh H
618 Mager Henry A
621 Saine Mandus
623 Walker Gottlob E
625 Easton Emory A
628 Gakle Serenus W

Hiscock intersects

703 Boehnke Carl W bldg contr
707 Grosshans E Walter
711 Rayburn Calvin
712 Webber Geo M
715 Edwards Ralph R
716 Wirth Aaron J
720 Knight Jas L
Moehn Albert F
721 Graybill Milton L
726 Koernke Herman F
727 Peterman Harry pntr
731 Rundell Leon F
733 Lentz Paul A
734 Huhn Herman A
735 Redies Albert D
742 Vacant
743 Cook Van
745 Krueger Arth W

W Summit intersects**Sunset rd intersects**

1306 Stowe Fred T
1317 Maurer Wesley.H

**FOURTH AV N—From Huron E
north to Depot, 1 east Main N
ws Court House**

102 Vacant
104 Bills Geo A barber
Eureka Tailors
106 Land Title Bldg
Washtenaw Abstract Co
Conlin John W lawyer
DeVine Frank B lawyer
Martin John F dentist
• Title Ins Co
110 Young Men's Christian Assn
116 Huron Valley Bldg
Huron Valley Bldg & Savings
Assn
2d fl Vacant
118 Kerr Bldg
Economy Shoe Repairing
Vladu John
118½ Kerr & Sons printers
120-22 Tuomy Bldg
120 Tuomy & Tuomy real est
Rapp Albert J lawyer and
prosecuting atty

122 Double A Products Co power
tools
Manchester & Rice lawyers
Peterson Ward D ins
Upton-Riggs & Co ins and
investments
Wines Willford W
Ann E intersects

200-06 Chamber of Commerce
Bldg
Am Red Cross
Ann Arbor Chamber of Com-
merce
Chamber of Commerce Bldg
Assn
County Agent's Office
Heitman Lois L Mrs county
agt
Directory Library (R L Polk
& Co)
Auto License Bureau
Family Welfare Bureau
Ann Arbor Public Health
Nursing Assn
Michigan Tuberculosis Assn
(Washtenaw County Br)
Michigan Children's Aid So-
ciety
Ann Arbor Community Fund
Assn
Social Service Exchange

205 Shell Petroleum Corp filling
sta
207 Wolf Eug blksmith
208 Farmer's Market meats
208½ Stevens Allen G
209 Clara's Dining Room
Hildinger Arth H

**209-11 Colored Welfare League
Bldg**

I O O F Household of Ruth
Lodge
210 Modder Baking Co
211 Charlotte Beauty Shop
Lowery Olive C
212 Wirth Aaron J meats
Wheeler Oliver A

Detroit begins

213-17 Wurster Building
213 Vacant
215 Bixby Mfg Co radio mfrs
217 Mich Chandeller Co
219 Michigamme Oil Co filling
sta

Catherine intersects

312 Reeves Cora Mrs
314 Reynolds Melvin M
Braun ct begins

318 Kokenakes Frank J
322 Kraft Josephine Mrs
401 Cook Hosmer J
Cook Vernor H
409 Benham Saml L pntr
410 Godfrey Homer B storage
and cartage
415 Martin John F
420 Godfrey Harriet L Mrs
421 Saunders Harry E pntr
423 Brewer Wm R
Colon Mary Mrs
Lamerson Geo H

Kingsley intersects**CATHERINE—From 223 N Main
east to Observatory, 2 north of E
Huron**

109-11 City Garage

111 Kuhn Edw J

118 Vacant

120 Theros Gust

CATHERINE—Contd

121 Ann Arbor Dairy Co

122 Ellis Saml

Fourth av intersects

201-05 White Swan Laundry &
Dry Cleaning Co Ltd

Detroit begins

216 Groff Ernest

Fifth av intersects

308 Lambert Jos V

309 O'Toole Frank J

311 VanKleek Mabel R

314 O'Brien Emma Mrs

315 Cobb Geo A

Graham Fay E

318 Widenmann Carl F

319 Marsh Steph E

322 Gillett Emma F Mrs

324 Binder Fred

Mardlin Frank E

Root Henry C

325 Gansle Albert

326 Rhoades Jennie S mus tchr

326½ Norton Hoyt E

328 Hellner Edw F

329 Raaf John J

French Truman R

331 Case Merrill H

McMahon Fred J

334 Fischer Fredk J

Ulberg Cornelius

335 Baxter Hannah Mrs

338 Walsh Isadora E Mrs

Division N Intersects

500 Davis Jas A

502 Wurster Jacob F

504 Sweet Henry W

116 Huron Valley Bldg
Huron Valley Bldg & Sav-
ings AssnLovering-Longbotham Co
contrs

Cantrell G Pierce lawyer

118 Kerr Bldg

Kerr & Sons printers

Finnell Jas W auctioneer

City Pharmacy

120 Railway Express Agency

120-22 Tuomy Bldg

Fry Bert E lawyer

Fox Tent & Awning Co

Gibson Andrew E lawyer

McAlister Collection Agency

122 Tuomy & Tuomy real est

Tuomy Julia A Mrs office

Lyon Harry P

Ann E intersects

200-206 Chamber of Commerce
BldgAnn Arbor Chamber of
CommerceChamber of Commerce Bldg
AssnState Branch Auto License
BureauEastern Michigan Motor
BussesBlanchard Transportation
motor bussesShort Way Lines The
Mich Children's Aid Society

Kiwanis Club

Rotary Club

Family Welfare Bureau

Public Health Nursing Assn

Washtenaw Co Branch

Michigan Tuberculosis
AssnAnn Arbor Community Fund
Assn201-05 Washtenaw Mutual Oil
Co

Cole A Ray contr

207 Wolf & Colvin blksmiths

208 Herrick & Bohnet gros

208½ Eberle Walter R

209 Moore Jas A restr

209-11 Colored Welfare League
Bldg

210 Modder Edw C baker

Evangelistic Mission

VanArman Olivia C Mrs

211 Elliott Saml barber

Colored Welfare League

Harberd John W

Ever-Ready Beauty Parlor

212 Transit Market meats

Ragland John W

213 Loyal Order of Moose

215-17 Vacant

219 Michigamme Oil Co filling
staCatherine intersects
Braun et begins

312 Reeves Arth V

314 Wines Eug A pntr

318 Kokenakes Frank

322 Kraft Josephine Mrs

400 Feldkamp Emma L Mrs

401 Cook Hosmer J

409 Benham Saml L pntr

Kokenakes Andrew

410 Godfrey Homer B storage

415 Martin John P

420 Godfrey Harriet L Mrs

421 Saunders Harry pntr

423 Lamerson Geo H pntr

Colon Mary Mrs

Kingsley intersects

502 Arnold Steven

503 Moran Harry

505 Corwin Wm P gro

Morgan Eva Mrs

508 Bond Marion G

510 Knapp Eug

German Frank

Beakes intersects

603 Stewart Wm A

605 Miller Harry A

611 Huntley Marie E Mrs

617 Schott Mary A Mrs

620 Kuehn Henry W

621 Thomas Wm O

622 Winters Thos

624 Miller Martha A Mrs

625 Day Jos E

Richardson Lewis E

626 Baptiste Jos

628 Shewcraft MiCagy

629 Robinson Wm A

632 Bethel A M E Church

633 Kirkpatrick Louis

Parker Hosea

635 Crosby Lottie Mrs

637 Fields Cecil A

645 Morgan Frank W

646 Cromwell Chas S

Taylor Isaiah

650 Holland Herman

651 Baker Chas H

652 Riggs John D

701 Simmons Wm

705 Jones Hattie Mrs

708 Wigg Nannie C Mrs

rear Farrell Jas

709 Morris Allen

711 Taylor Frank

rear Williams Eliz Mrs

712 Alexander Robt trucking

717 Crawford Rosella Mrs

718 Bennett Victoria Mrs

719 Preston Arth

Summit intersects

CATHERINE—From 223 Main N east to Observatory, 2 north of Huron E

- se cor Post Office
- 109-11 City Garage
- 111 Kuhn Edw J
- 118 Walsh Jas A
- 120 Vacant
- 122 Ellis Saml
- 131 Ann Arbor Dairy Co

Fourth av intersects

- 201-05 White Swan Laundry Co Ltd

Detroit begins

- sw cor Michigamme Oil Co fill sta
- 216 Groff Mary E Mrs

Fifth intersects

- 308 Jewell Sarah J
- 309 O'Toole Frank J
- 311 Kapp Edw W
- 314 O'Brien Emma Mrs
- 315 Mayer Ernest W
- 318 Widenmann Carl F
- 319 Marsh Steph E
- 322 Gillett Ransom M
- 324 Binder Fred
Thomas Jas
- 325 Gansle Albert
- 326 Rhoades Lewis C
Rhoades Jennie S music tchr
- 326½ Norton Hoyt E
- 328 Hellner Edw F
- 329 Raaf John J
- 331 Kress Geo J
- 334 Fischer Fredk J
- 335 Baxter Wm L
- 338 Walsh Isadora E Mrs

Division N intersects

- 500 Davis Jas A
- 502 Wurster Jacob F
- 504 Burgess O Perry real est
- 506 Fawcett Harry
- 510 Dancer John W
- 514 Shankland John B
- 515 Dettling Leo J
- 516 McElroy Mary Mrs
- 517 Chapman Helen A Mrs
Staebler Minnie C Mrs

POLK & CO.'S

- 621 Abram Tice
- 623 Geo H Geguere
- 625 Emory A Easton
- 628 Mrs Agnes M Gakle
- Hiscock
- 703 Carl K Boehnke
- 707 Edw W Schmidt
Chas May
- 711 Walter Sibley
- 712 Geo F Webber
- 715 Ralph Edwards
- 716 Aaron J Wirth
- 720 Albert F Moehn
John Long
- 721 Harry Peterman
Edw Gokenbach
- 726 Herman F Koerke
- 727 Mrs Sarah E Pohlemus
- 731 Walter P Helmendinger
- 734 Herman A Huhn
- 735 Albert D Redles
- 742 Geo Scott archt
- 743 Abr B Wines
- 745 Arth G Kreuger

FOURTEENTH (NORTH) —

- From end of Huron E n 5 e State
- 105 Henry Pelton
- 107 Mrs Ella Jacobus
- 109 Vacant
- 119 Jos H Rummler

FOURTEENTH (SOUTH) —

- From end of Huron E s 4 e State S
- 105 U of M Storehouse
- 114 Vacant
- 117 Edward B Walling
- 118 Vacant
- 119 Gerald M Reigle
- 127 Roy Moore
- 129 Emil Yek
Mrs Minnie Koster
- Washington E
- 203 Chas F Shaver
Mrs Eliz Crapsey
- 206 Mrs Anna Carl
Mrs Lottie Turner
- 209 Mrs O C VanArman gro
- 212 Geo A Craig

Belser

- 309 Groom House
Mrs Grace Hotchkins
- 301 J H Wickliffe
- 310 Wm J Cross
- 313 Ward Helpers Home

FOURTH AV (NORTH)—From

- Huron E n to Depot 1 e Main N
- ws Court House
- 102 Jos Parker restr
- 104 Ernst Bros Electric Shop
- 106 Washtenaw Abstract Co
Arth Brown lawyer
Frank DeVine lawyer
John F Martin dentist
Wm L Thompson ins
Mutual Benefit Life Ins Co
- 110 Young Men's Christian Association
- 113 Washtenaw Motor Co
- 116 Wolf & Colvin blksmiths
Mrs Nannie C Wigg
- 120 Claude H Brown clothing

- 120-22 Lawrence Block
Andrew E Gibson lawyer
Eug Edward
Glenn Leverett
- 122 Aug Magioncalda
Tuomy & Tuomy real est
T D Kearny lawyer
Harry P Lyon

Ann E

- 200-206 Chamber of Commerce Bldg Assn
Ann Arbor Chamber of Commerce
Kiwanis Club
Rotary Club
Family Welfare Bureau
Public Health Nursery Assn
Anti-Tuberculosis Assn
Washtenaw Co Branch
Mich Tuberculosis Assn
Community House
Auto Bus Waiting Room
Salvation Army Office
Ann Arbor Credit Bureau Inc
Highway Motor Bus Co
Community Fund Assn
- 207 Chas W Cornell blksmith
- 208 Herrick & Bonhet gros
- 209 Grostic Motor Cales
- 209-11 Kayser Block
- 210 Edw C Modder baker
Salvation Army Hall
- 211 Mrs Emily R Wormley
Dunbar Civic Center (c)
- 212 Aaron P Wirth meats
Mrs Dora Wallace
- 213-217 E M Wurster genl store
- 219 Michigamme Oil Co

Catherine

- 311 Vacant

Brann et begins

- 312 Arth U Reeves
- 314 Eug A Wines
- 318 Frank Kokenakes
- 322 Mrs Josephine Kraft
- 400 Mrs Emma L Feldkamp
- 401 Hoamer J Cook
- 409 Saml L Benham
Chris Kokenkas
- 410 C E Godfrey storage
- 415 John F Martin
- 420 Chas E Godfrey
- 421 Harry E Saunders
- 423 Mrs Mary Colan

Kingsley

- 502 Thos J Cavanaugh
- 503 Chas A Price
- 505 Wm P Corwin gro
- 508 Mrs C F Stoeckle
- 510 Marion Bond

Beakes

- 603 Mrs Stella S Hurley
- 605 Wm B Dixon
- 611 Mrs Marie E Huntley
- 617 Mrs Mary A Schott furn rms
- 620 Henry W Keuhn
- 621 Wm O Thomas
- 622 Mrs Pearl Rink
- 624 Mrs Martha A Miller
- 625 Andrew Tyler
- 628 Micagy Shewcraft
- 629 Wm R Robison tinner

More goods are boug

**CATHERINE—From Main N e
to Observatory 2 n of Huron
E**

se cor Post Office

109-111 City Garage

Edw J Kuhn

118 Vacant

120 Gust Verames

121 Ann Arbor Dairy Co

122 Meredith Wallace

Fourth av

201-205 White Swan Laundry

Detroit begins

se cor Staebler Oil Co filling
station

202 Vacant

216 Mrs Mary E Groff

Fifth

308 Sarah Jewell

Mrs Hilda Preismeister
nurse

309 Frank J O'Toole

311 Mrs Sadie Brooks

314 Frank J Ryan

315 Chas H Wise

318 Michl Ryan

319 Steph E Marsh

322 Ransom M Gillet

325 Albert Gansle

326 Lewis C Rhoades

Jennie R Rhoades mus
tchr

328 Edw F Hellner

329 John J Raaf

331 Fred McMahan

334 Fredk J Fischer jr

335 Wm L Baxter

338 Mrs Isadore E Walsh

Division N

500 Danl F Lyons

502 Jacob F Wurster

504 O Perry Burgess

506 Harry Fawcett

510 John W Dancer

514 John B Shankland

515 Leo J Dettling

516 Mrs Mary McElroy

Mary Donovan nurse

Veronica Ledwidge nurse

517 Mrs Minnie M Stabler

Helen A Chapman

600 Mrs Nellie Malloy

601 John Kennedy

602 Mrs Alice M Davis

603 Mrs Flora Duncan

605 Hrs Helen M Rogers

606 Cheuk S Cheung

607 Charlotte Bird

608 Fred B Wahr

611 Geo N Babson

615 Mrs Ermina Cantwell

State N

Appendix D

Environmental Database Report



DATABASE REPORT

Project Property: *121 Catherine Street
121 Catherine Street
Ann Arbor MI 48104
230172*

Project No: *230172*

Report Type: *Database Report*

Order No: *23101600291*

Requested by: *Environmental Consulting & Technology,
Inc.*

Date Completed: *October 18, 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.....	45
Map.....	85
Aerial.....	88
Topographic Map.....	89
Detail Report.....	90
Unplottable Summary.....	398
Unplottable Report.....	399
Appendix: Database Descriptions.....	402
Definitions.....	416

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Executive Summary

Property Information:

Project Property: 121 Catherine Street
121 Catherine Street Ann Arbor MI 48104

Project No: 230172

Coordinates:

Latitude: 42.28350435
Longitude: -83.7474963
UTM Northing: 4,684,909.98
UTM Easting: 273,463.32
UTM Zone: UTM Zone 17T

Elevation: 826 FT

Order Information:

Order No: 23101600291
Date Requested: October 16, 2023
Requested by: Environmental Consulting & Technology, Inc.
Report Type: Database Report

Historicals/Products:

Aerial Photographs Historical Aerials (with Project Boundaries)
City Directory Search CD - 2 Street Search
ERIS Xplorer [ERIS Xplorer](#)
Excel Add-On Excel Add-On
Fire Insurance Maps US Fire Insurance Maps
Physical Setting Report (PSR) Physical Setting Report (PSR)
Topographic Map Topographic Maps

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
Standard Environmental Records								
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	1	-	1
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	0	0	0	0	0
RCRA TSD	Y	0.5	0	0	0	0	-	0
RCRA LQG	Y	0.25	0	0	0	-	-	0
RCRA SQG	Y	0.25	0	1	1	-	-	2
RCRA VSQG	Y	0.25	0	4	6	-	-	10
RCRA NON GEN	Y	0.25	0	7	12	-	-	19
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	1	1	1	5	-	8
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	4	8	19	30	61
DELISTED CONTAM	Y	1	0	0	0	0	1	1
DELISTED SHWS	Y	1	0	0	1	4	5	10
SITE CLEANUP	Y	0.25	0	0	0	-	-	0
SWF/LF	Y	0.5	0	0	0	0	-	0
WASTE	Y	0.5	0	17	35	62	-	114
RECYCLING	Y	0.5	0	0	0	0	-	0
LUST	Y	0.5	0	5	10	13	-	28
DELISTED LUST	Y	0.5	0	1	0	0	-	1
UST	Y	0.25	0	5	12	-	-	17
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	1	1	1	2	-	5
BROWNFIELDS	Y	0.5	0	0	17	0	-	17
BFLD REDEV	Y	0.5	0	4	2	1	-	7
BFLD UST	Y	0.5	0	0	0	2	-	2
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
Additional Environmental Records								
Federal								
FINDS/FRS	Y	PO	1	3	-	-	-	4
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	1	-	1
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	1	0	-	-	1
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	1	1
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	1	0	0	1
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	1	8	3	-	-	12
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	0	0	0	-	0

State

SPILLS	Y	0.125	0	1	-	-	-	1
BEA	Y	1	0	18	10	37	67	132
PFAS CONTAM	Y	0.5	0	0	0	0	-	0
DRYCLEANERS	Y	0.25	0	1	0	-	-	1
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:	4	82	120	147	104	457
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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>
1	AUL	Gelman Sciences Inc	600 South Wagner Road Scio Township MI 48103	NNE	0.00 / 0.00	0	90
2	ALT FUELS	Ann Arbor Downtown Development Authority - Catherine and Fourth Surface Lot	121 Catherine St Ann Arbor MI 48104 <i>ID: 44283</i>	SE	0.00 / 0.00	0	90
2	FED BROWNFIELDS	121 E. Catherine St	121 East Catherine Street ANN ARBOR MI 48104 <i>Property ID: 252612</i>	SE	0.00 / 0.00	0	91
2	FINDS/FRS	121 E. CATHERINE ST	121 EAST CATHERINE STREET ANN ARBOR MI 48104 <i>Registry ID: 110071308075</i>	SE	0.00 / 0.00	0	102

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
3	WASTE	VLASIC & CO	201 E CATHERINE ST ANN ARBOR MI 48104	ENE	0.01 / 78.61	0	103
4	RCRA VSQG	JNJ CLEANERS	308 N MAIN ST ANN ARBOR MI 48104 <i>EPA Handler ID: MID981775273</i>	WNW	0.02 / 87.45	-1	103
4	FINDS/FRS	JNJ CLEANERS	308 N MAIN ST ANN ARBOR MI 48104 <i>Registry ID: 110003621055</i>	WNW	0.02 / 87.45	-1	105
4	DRYCLEANERS	EUREKA CLEANERS	308 N MAIN ST ANN ARBOR MI	WNW	0.02 / 87.45	-1	106
4	WASTE	EUREKA CLEANERS	308 N MAIN ST ANN ARBOR MI 48104	WNW	0.02 / 87.45	-1	106
4	FED DRYCLEANERS	JNJ CLEANERS	308 N MAIN ST ANN ARBOR MI 48104 <i>FRS Facility ID: 110003621055</i>	WNW	0.02 / 87.45	-1	106
5	RCRA NON GEN	AMOCO OIL CO	300 N MAIN ST ANN ARBOR MI 48104 <i>EPA Handler ID: MID985607571</i>	W	0.02 / 89.35	2	106
5	FINDS/FRS	AMOCO OIL CO	300 N MAIN ST ANN ARBOR MI 48104 <i>Registry ID: 110003653797</i>	W	0.02 / 89.35	2	108
5	BEA		300 N Main MI	W	0.02 / 89.35	2	108
5	UST	University Fuel Mart	300 N MAIN ST ANN ARBOR MI 48104-1134 <i>Facility ID: 00005725</i> <i>New Tank ID No Status: UTK-027205-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-118852-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-033547-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-067791-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-118851-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-067785-15 Licensing and Regulatory Affairs Underground Tank List (LARA)</i>	W	0.02 / 89.35	2	109
5	LUST	University Fuel Mart	300 N Main St Ann Arbor MI <i>Facility ID: 00005725</i>	W	0.02 / 89.35	2	111
5	WASTE	AMOCO OIL CO 5172	300 N MAIN ST ANN ARBOR MI 48104	W	0.02 / 89.35	2	111

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
6	RCRA NON GEN	303 DETROIT STREET LLC	303 DETROIT ST ANN ARBOR MI 48104 <i>EPA Handler ID:</i> MIK975345401	E	0.02 / 92.18	1	112
6	FINDS/FRS	303 DETROIT STREET LLC	303 DETROIT ST ANN ARBOR MI 48104 <i>Registry ID:</i> 110044976568	E	0.02 / 92.18	1	113
6	WASTE	MARKETPLACE	303 DETROIT ST ANN ARBOR MI 48104	E	0.02 / 92.18	1	113
7	BEA		320 N. Main & 301 N. East Streets MI	NW	0.02 / 93.72	-1	114
7	BEA		320 N. Main & 301 N. East Streets MI	NW	0.02 / 93.72	-1	114
7	BEA		320 N. Main & 301 N. East Streets MI	NW	0.02 / 93.72	-1	114
7	BEA		320 N. Main & 301 N. East Streets MI	NW	0.02 / 93.72	-1	115
7	BEA		320 N. Main & 301 N. East MI	NW	0.02 / 93.72	-1	115
7	BEA		320 N. Main & 301 N. East MI	NW	0.02 / 93.72	-1	115
7	BEA		320 N. Main & 301 N. East MI	NW	0.02 / 93.72	-1	116
7	BEA		320 N. Main & 301 N. East MI	NW	0.02 / 93.72	-1	116
7	BEA		320 N. Main & 301 N. East Streets MI	NW	0.02 / 93.72	-1	116
7	BEA		320 N. Main & 301 N. East Streets MI	NW	0.02 / 93.72	-1	117

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
7	BEA		320 N. Main & 301 N. East Streets MI	NW	0.02 / 93.72	-1	117
7	BEA		320 N. Main & 301 N. East Streets MI	NW	0.02 / 93.72	-1	117
8	SPILLS		Corner of Catherine and north Main Ann Arbor MI	WSW	0.03 / 167.28	2	118
9	WASTE	WASHTENAW COUNTY SOLID WASTE DIVISION	220 N MAIN ST ANN ARBOR MI 48103	WSW	0.04 / 227.93	3	119
10	FED BROWNFIELDS	312 & 314 Detroit Street and 303 North Fifth Street	312 & 314 Detroit Street and 303 North Fifth Street ANN ARBOR MI 48104 Property ID: 250691	E	0.05 / 280.81	7	119
11	AUL	Delong BBQ Pit	314 Detroit Street Ann Arbor City MI 48104	E	0.05 / 287.07	3	130
12	SHWS	303 North 5th Street 312 and 314 Detroit Street, Ann Arbor	303 N Fifth Street 312 and 314 Detroit, Ann Arbor, MI, 48104 MI	E	0.06 / 308.00	6	131
13	RCRA NON GEN	M A V DEVELOPMENT CO	314 DETROIT ST ANN ARBOR MI 48104 EPA Handler ID: MIK219723194	E	0.06 / 309.03	4	132
13	BEA		314 Detroit St MI 48104	E	0.06 / 309.03	4	133
13	UST	De Long Bbq Pit	314 DETROIT ST ANN ARBOR MI 48104-1116 Facility ID: 00040666 New Tank ID No Status: UTK-008833-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-106095-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-028914-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-106099-15 Licensing and Regulatory Affairs Underground Tank List (LARA)	E	0.06 / 309.03	4	133
13	LUST	De Long Bbq Pit	314 DETROIT ST ANN ARBOR MI Facility ID: 00040666	E	0.06 / 309.03	4	135
13	WASTE	M A V DEVELOPMENT CO	314 DETROIT ST ANN ARBOR MI 48104	E	0.06 / 309.03	4	136

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
13	BFLD REDEV	303 North Fifth Avenue and 312/314 Detroit Street	303 North Fifth Avenue and 312, 314 Detroit Street Ann Arbor MI	E	0.06 / 309.03	4	136
14	WASTE	WASHTENAW COUNTY	200 NORTH MAIN, P.O. BOX 8645 ANN ARBOR MI 48107	SW	0.06 / 311.06	6	136
15	RCRA NON GEN	MI DEPT/MILITARY & VETERANS AFFAIRS	223 E ANN ST ANN ARBOR MI 48104 <i>EPA Handler ID: MID982606642</i>	SE	0.07 / 380.33	12	137
15	WASTE	ANN ARBOR ARMORY	223 E ANN ST ANN ARBOR MI 48104	SE	0.07 / 380.33	12	138
16	RCRA VSQG	SHEESH	207 N MAIN ST ANN ARBOR MI 48154 <i>EPA Handler ID: MIK200922417</i>	WSW	0.07 / 391.42	5	138
16	WASTE	SHEESH	207 N MAIN ST ANN ARBOR MI 48154	WSW	0.07 / 391.42	5	139
17	BEA		110 Miller MI	W	0.08 / 421.06	-5	139
17	SHWS	110 Miller	110 Miller Avenue, Ann Arbor, MI, 48104 MI	W	0.08 / 421.06	-5	140
18	UST	Beakes Street Service Station	101 BEAKES ST ANN ARBOR MI 48104-1009 <i>Facility ID: 00010245</i> <i>New Tank ID No / Status: UTK-002054-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-005491-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-097945-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-097940-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-097960-15 Licensing and Regulatory Affairs Underground Tank List (LARA)</i>	NNW	0.09 / 476.73	-11	140
18	LUST	Beakes Street Service Station	101 BEAKES ST ANN ARBOR MI <i>Facility ID: 00010245</i>	NNW	0.09 / 476.73	-11	142
19	ALT FUELS	A2DDA STATION 12	120 W Ann St Ann Arbor MI 48104 <i>ID: 223020</i>	WSW	0.09 / 484.84	4	143
19	ALT FUELS	A2DDA STATION 13	120 W Ann St Ann Arbor MI 48104 <i>ID: 223017</i>	WSW	0.09 / 484.84	4	144
20	RCRA VSQG	U OF M COMMUNITY DENTAL CTR	406 N ASHLEY ANN ARBOR MI 48103	WNW	0.09 / 488.69	-18	144

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number	
			<i>EPA Handler ID:</i> MIR000042267					
20	WASTE	U OF M COMMUNITY DENTAL CTR	406 N ASHLEY ANN ARBOR MI 48103	WNW	0.09 / 488.69	-18	145	
21	RCRA NON GEN	COUNTY OF WASHTENAW DRAIN COMMISSION	110 N 4TH AVE ANN ARBOR MI 48104	SSE	0.10 / 540.76	11	146	
			<i>EPA Handler ID:</i> MIP200001376					
21	WASTE	GENOA HEALTHCARE	110 N 4TH AVE ANN ARBOR MI 48104	SSE	0.10 / 540.76	11	147	
21	WASTE	WASHTENAW COUNTY DRAIN COMM	110 N 4TH AVE ANN ARBOR MI 48104	SSE	0.10 / 540.76	11	147	
21	RCRA SQG	GENOA HEALTHCARE LLC	110 N 4TH AVE SUITE 1100 ANN ARBOR MI 48104	SSE	0.10 / 540.76	11	147	
			<i>EPA Handler ID:</i> MIK113248116					
22	WASTE	RECYCLE ANN ARBOR	417 DETROIT ST ANN ARBOR MI 48104	ENE	0.11 / 557.42	-3	149	
23	BEA	Former Gasoline Station	202 Miller Avenue MI 481404	W	0.11 / 574.23	-13	149	
23	DELISTED LUST	NRT (10000227)	202 MILLER AVE Ann Arbor MI	W	0.11 / 574.23	-13	149	
23	BEA	202 Miller Avenue	202 Miller Avenue Ann Arbor MI 48140	W	0.11 / 574.23	-13	150	
23	LUST	NRT	202 MILLER AVE Ann Arbor MI	W	0.11 / 574.23	-13	150	
			<i>Facility ID:</i> 10000227					
23	SHWS	202 Miller Avenue	202 MILLER AVE, Ann Arbor, MI, 48104 MI	W	0.11 / 574.23	-13	152	
23	UST	NRT	202 MILLER AVE Ann Arbor MI 48104	W	0.11 / 574.23	-13	152	
			<i>Facility ID:</i> 10000227 <i>New Tank ID No / Status:</i> UTK-000328-18 Licensing and Regulatory Affairs Underground Tank List (LARA)					
24	ALT FUELS	A2DDA STATION 14	220 N Ashley St Ann Arbor MI 48104	WSW	0.11 / 590.02	-2	153	

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			ID: 224594				
24	ALT FUELS	A2DDA STATION 17	220 N Ashely St Ann Arbor MI 48104 ID: 223018	WSW	0.11 / 590.02	-2	154
24	ALT FUELS	A2DDA STATION 19	220 N Ashley St Ann Arbor MI 48104 ID: 223015	WSW	0.11 / 590.02	-2	154
24	ALT FUELS	A2DDA STATION 18	220 N Ashley St Ann Arbor MI 48104 ID: 223014	WSW	0.11 / 590.02	-2	155
24	ALT FUELS	A2DDA STATION 20	220 N Ashley St Ann Arbor MI 48104 ID: 223016	WSW	0.11 / 590.02	-2	156
24	ALT FUELS	A2DDA STATION 15	220 N Ashley St Ann Arbor MI 48104 ID: 223019	WSW	0.11 / 590.02	-2	156
25	RCRA NON GEN	CITY OF ANN ARBOR	111 N MAIN ST ANN ARBOR MI 48104 EPA Handler ID: MID985652627	SW	0.11 / 596.28	8	157
25	WASTE	CITY OF ANN ARBOR	111 N MAIN ST ANN ARBOR MI 48104	SW	0.11 / 596.28	8	159
26	RCRA NON GEN	2020 COMMUNICATIONS	106 N 4TH AVE ANN ARBOR MI 48104 EPA Handler ID: MIK738994573	SSE	0.11 / 596.85	11	159
26	WASTE	2020 COMMUNICATIONS	106 N 4TH AVE ANN ARBOR MI 48104	SSE	0.11 / 596.85	11	160
27	RCRA VSQG	CITY OF ANN ARBOR FIRE DEPT	111 N 5TH AVE ANN ARBOR MI 48104 EPA Handler ID: MID985655208	SE	0.11 / 602.34	15	160
27	UST	Ann Arbor Fire Dept	111 N 5TH AVE ANN ARBOR MI 48104-1405 Facility ID: 00012808 New Tank ID No / Status: UTK-018732-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-056901-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-003230-15 Licensing and Regulatory Affairs Underground Tank List (LARA)	SE	0.11 / 602.34	15	163
27	LUST	Ann Arbor Fire Dept	111 N 5th Ave Ann Arbor MI Facility ID: 00012808	SE	0.11 / 602.34	15	164
27	WASTE	CITY OF ANN ARBOR FIRE DEPT	111 N 5TH AVE ANN ARBOR MI 48104	SE	0.11 / 602.34	15	165

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
<u>28</u>	BEA		206 & 210 Miller Ave & 307 & 309 North Ashley MI 48103	W	0.12 / 625.37	-15	<u>165</u>
<u>28</u>	SHWS	206 210 Miller Avenue & 307 309 North Ashley Street	206 210 Miller Avenue, & 307 309 North Ashley Street, Ann Arbor, MI, 48103 MI	W	0.12 / 625.37	-15	<u>165</u>
<u>28</u>	BFLD REDEV	309 North Ashley Street - Amendment #1	309 North Ashley Street Ann Arbor MI	W	0.12 / 625.37	-15	<u>166</u>
<u>28</u>	BFLD REDEV	309 North Ashley Street - Amendment #1	309 North Ashley Street Ann Arbor MI	W	0.12 / 625.37	-15	<u>166</u>
<u>28</u>	BFLD REDEV	309 North Ashley Street	309 North Ashley Street Ann Arbor MI	W	0.12 / 625.37	-15	<u>166</u>
<u>29</u>	WASTE	CUSHMAN & WAKEFIELD	101 N MAIN ST ANN ARBOR MI 48104	SW	0.12 / 653.98	9	<u>167</u>
<u>30</u>	BROWNFIELDS	Zingerman's Deli	422 Detroit Street Ann Arbor MI 48104	ENE	0.13 / 676.89	5	<u>167</u>
<u>30</u>	BROWNFIELDS	Zingerman's Deli	422 Detroit Street Ann Arbor MI	ENE	0.13 / 676.89	5	<u>167</u>
<u>30</u>	BROWNFIELDS	Zingerman's Deli	422 Detroit Street Ann Arbor MI	ENE	0.13 / 676.89	5	<u>168</u>
<u>30</u>	BROWNFIELDS	Zingerman's Deli	422 Detroit Street Ann Arbor MI	ENE	0.13 / 676.89	5	<u>168</u>
<u>30</u>	BROWNFIELDS	Zingerman's Deli	422 Detroit Street Ann Arbor MI	ENE	0.13 / 676.89	5	<u>169</u>
<u>30</u>	BROWNFIELDS	Zingerman's Deli	422 Detroit Street Ann Arbor MI	ENE	0.13 / 676.89	5	<u>169</u>
<u>30</u>	BROWNFIELDS	Zingerman's Deli	422 Detroit Street Ann Arbor MI	ENE	0.13 / 676.89	5	<u>170</u>

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
31	RCRA SQG	CISCO SYSTEMS INC	123 N ASHLEY ST SUITE 100 ANN ARBOR MI 48104 <i>EPA Handler ID: MIK213756545</i>	WSW	0.13 / 708.51	0	170
31	WASTE	CISCO SYSTEMS INC ANN ARBOR (ARB01)	123 N ASHLEY ST ANN ARBOR MI 48104	WSW	0.13 / 708.51	0	171
32	RCRA NON GEN	FIRST MARTIN CORPORATION	120 W HURON ST ANN ARBOR MI 48104 <i>EPA Handler ID: MIK136675556</i>	SW	0.14 / 717.86	5	172
32	WASTE	120 WEST HURON PROPERTY	120 W HURON ST ANN ARBOR MI 48104	SW	0.14 / 717.86	5	173
33	RCRA NON GEN	MI DEPT/TRANSPORTATIO N	I 94 UNDER US 23 NB/SB ANN ARBOR MI 48106 <i>EPA Handler ID: MIK232181370</i>	SSW	0.14 / 727.48	10	173
33	WASTE	MIDOT BRIDGE S08- 81062	I 94 UNDER US 23 NB/SB ANN ARBOR MI 48106	SSW	0.14 / 727.48	10	175
34	RCRA VSQG	MI DEPT/TRANSPORTATIO N	I 94 OVER I 94 BUSINESS LOOP ANN ARBOR MI 48106 <i>EPA Handler ID: MIK454441262</i>	SSW	0.14 / 742.95	10	175
35	MRDS	ERVIN INDUS INC--ANN ARBOR, MICH.	WASHTENAW COUNTY ANN ARBOR MI 48104 <i>Dep ID: 10219106</i>	SE	0.15 / 769.07	8	176
36	UST	City of Ann Arbor	100 N 5TH AVE ANN ARBOR MI 48104-5522 <i>Facility ID: 00010246</i> <i>New Tank ID No Status: UTK-097822-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-002071-15 Licensing and Regulatory Affairs Underground Tank List (LARA)</i>	SE	0.15 / 773.15	12	176
36	LUST	City of Ann Arbor	100 N 5TH AVE ANN ARBOR MI <i>Facility ID: 00010246</i>	SE	0.15 / 773.15	12	178
36	WASTE	CITY OF ANN ARBOR CITY HALL	100 N 5TH AVE ANN ARBOR MI 48104	SE	0.15 / 773.15	12	178
36	WASTE	ANN ARBOR COMPOST AREA	100 N 5TH AVE ANN ARBOR MI 48104	SE	0.15 / 773.15	12	179

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number	
37	RCRA VSQG	NATIONAL CITY BANK	101 S MAIN ST ANN ARBOR MI 48104 <i>EPA Handler ID: MIK354217168</i>	SSW	0.15 / 785.08	11	179	
37	WASTE	NATIONAL CITY BANK	101 S MAIN ST ANN ARBOR MI 48104	SSW	0.15 / 785.08	11	180	
38	WASTE	KELLY OIL CO	206 E HURON STREET ANN ARBOR MI 48104	S	0.15 / 802.03	15	180	
39	SHWS	204 W Huron	204 W Huron, MI, 48104 MI	WSW	0.15 / 803.64	1	180	
40	WASTE	WASHTENAW COUNTY FACILITY MGMT	101 W HURON ANN ARBOR MI 48104	SSW	0.15 / 814.36	9	181	
41	WASTE	FLYING DUTCHMAN	540 DETROIT ST ANN ARBOR MI 48104	ENE	0.15 / 818.06	-3	181	
42	BEA		215 Beakes St Ann Arbor MI 48104	NNE	0.16 / 847.72	-20	181	
43	WASTE	PALOMA GALLERY	500 DETROIT ST ANN ARBOR MI 48104	ENE	0.17 / 887.90	-3	182	
44	UST	Comerica Bank	300 E HURON ST ANN ARBOR MI 48104-1909 <i>Facility ID: 00035726</i>	SE	0.17 / 896.90	19	182	
			<i>New Tank ID No Status: UTK-065072-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-026926-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-065069-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-006790-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-010022-15 Licensing and Regulatory Affairs Underground Tank List (LARA)</i>					
44	LUST	Comerica Bank	300 E HURON ST ANN ARBOR MI <i>Facility ID: 00035726</i>	SE	0.17 / 896.90	19	184	
45	BROWNFIELDS	Kingsley Condominiums	221, 223 Felch Street, 214 West Kingsley Street Ann Arbor MI	WNW	0.17 / 914.47	-43	184	
45	BFLD REDEV	Kingsley Condominiums	221, 223 Felch Street, 214 West Kingsley Street Ann Arbor MI	WNW	0.17 / 914.47	-43	185	
46	WASTE	ANN ARBOR SCHOOLS	401 N DIVISION ST ANN ARBOR MI 48104	E	0.17 / 916.47	15	185	

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
47	RCRA NON GEN	RO AN REALITY CO	208 W HURON ST ANN ARBOR MI 48104 <i>EPA Handler ID:</i> MID985661651	SW	0.18 / 932.27	1	186
47	UST	Ashley Terrace Development	208 W HURON ST ANN ARBOR MI 48104-1319 <i>Facility ID:</i> 00041872 <i>New Tank ID No / Status:</i> UTK-121992-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-121872-15 Licensing and Regulatory Affairs Underground Tank List (LARA)	SW	0.18 / 932.27	1	187
47	LUST	Ashley Terrace Development	208 W HURON ST ANN ARBOR MI <i>Facility ID:</i> 00041872	SW	0.18 / 932.27	1	188
47	WASTE	RO AN REALITY CO	208 W HURON ST ANN ARBOR MI 48104	SW	0.18 / 932.27	1	189
48	WASTE	NBD	125 S MAIN ST ANN ARBOR MI 48104	SSW	0.18 / 932.41	11	189
48	SHWS	125 South Main Street, Ann Arbor	125 South Main, Ann Arbor, MI, 48104 MI	SSW	0.18 / 932.41	11	189
49	WASTE	SHEFFIELD PHARMACEUTICALS	330 MILLER AVE ANN ARBOR MI 48103	W	0.18 / 949.04	-33	190
50	RCRA VSQG	ROSS-BEAKES COLLISION	314 W ANN ST ANN ARBOR MI 48104 <i>EPA Handler ID:</i> MID981532377	WSW	0.18 / 964.34	-25	190
50	WASTE	ROSS-BEAKES COLLISION	314 W ANN ST ANN ARBOR MI 48104	WSW	0.18 / 964.34	-25	193
51	RCRA NON GEN	COMERICA INC	312-314 E HURON ST ANN ARBOR MI 48104 <i>EPA Handler ID:</i> MIP200000569	SE	0.18 / 970.41	22	193
51	UST	Comerica Bank	312 E HURON ST ANN ARBOR MI 48104-1909 <i>Facility ID:</i> 00035696 <i>New Tank ID No / Status:</i> UTK-054769-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-026526-15 Licensing and Regulatory Affairs Underground Tank List (LARA)	SE	0.18 / 970.41	22	195
51	LUST	Comerica Bank	312 E HURON ST ANN ARBOR MI <i>Facility ID:</i> 00035696	SE	0.18 / 970.41	22	196
51	WASTE	COMERICA INC	312-314 E HURON ST ANN ARBOR MI 48104	SE	0.18 / 970.41	22	196

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
52	WASTE	FLOW SERVICES	S DIVISION & ANN ARBOR ANN ARBOR MI 48108	ESE	0.19 / 1,009.42	28	197
53	WASTE	MCLEAN & ASSOCIATES	505 N DIVISION ST ANN ARBOR MI 48104	ENE	0.19 / 1,017.26	6	197
54	BEA		204 W Huron St Ann Arbor MI 48104	WSW	0.19 / 1,019.03	-7	197
54	BEA		204 W Huron St Ann Arbor MI 48104	WSW	0.19 / 1,019.03	-7	197
55	ALT FUELS	A2DDA E WASH CT4K	123 E Washington St Ann Arbor MI 48104 <i>ID: 223038</i>	S	0.20 / 1,037.35	15	198
55	ALT FUELS	A2DDA E WASH CT4K 2	123 E Washington St Ann Arbor MI 48104 <i>ID: 223039</i>	S	0.20 / 1,037.35	15	198
56	SHWS	101 East Washington and 125 South Main Street, Ann Arbor	101 East Washington, Ann Arbor, MI, 48104 MI	SSW	0.20 / 1,037.53	13	199
57	UST	Ro-an Realty Co	218 W HURON ST ANN ARBOR MI 48104-1319 <i>Facility ID: 00036339</i> <i>New Tank ID No Status:</i> UTK-008663-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-007141-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-019659-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-014680-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-099673-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-000948-15 Licensing and Regulatory Affairs Underground Tank List (LARA)	WSW	0.20 / 1,042.98	-7	200
58	RCRA NON GEN	AMERITECH CORP	324 E HURON ST ANN ARBOR MI 48104 <i>EPA Handler ID: MIT270011018</i>	SE	0.20 / 1,046.50	26	202
58	WASTE	AMERITECH CORP	324 E HURON ST ANN ARBOR MI 48104	SE	0.20 / 1,046.50	26	203
59	UST	Dale Krull Const	221 FELCH ST ANN ARBOR MI 48103-3369 <i>Facility ID: 00036137</i> <i>New Tank ID No Status:</i> UTK-072942-15 Licensing and Regulatory Affairs Underground Tank List (LARA)	NW	0.20 / 1,047.02	-44	203
59	LUST	Dale Krull Const	221 FELCH ST ANN ARBOR MI <i>Facility ID: 00036137</i>	NW	0.20 / 1,047.02	-44	204

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
59	RCRA VSQG	J C BEAL GROUP	221 FELCH ST ANN ARBOR MI 48103 <i>EPA Handler ID: MIK858948376</i>	NW	0.20 / 1,047.02	-44	205
59	WASTE	B & H INVESTMENTS	221 FELCH ST ANN ARBOR MI 48103	NW	0.20 / 1,047.02	-44	206
59	WASTE	BEAL CONSTRUCTION SERVICES INC	221 FELCH ST ANN ARBOR MI 48103	NW	0.20 / 1,047.02	-44	206
59	BEA		221 Felch Street MI 48103	NW	0.20 / 1,047.02	-44	207
59	BROWNFIELDS	221 Felch (Kingsley Condos)	221 Felch Street Ann Arbor MI	NW	0.20 / 1,047.02	-44	207
59	BROWNFIELDS	221 Felch (Kingsley Condos)	221 Felch Street Ann Arbor MI	NW	0.20 / 1,047.02	-44	207
60	SHWS	521, 525 & 529 Detroit Street	521, 525 & 529 Detroit Street, Ann Arbor, MI, 48104 MI	NE	0.20 / 1,049.84	-7	208
61	RCRA NON GEN	WEST WASHINGTON STREET ASSOCIATES	112 W WASHINGTON ST ANN ARBOR MI 48104 <i>EPA Handler ID: MIR000006551</i>	SW	0.20 / 1,050.21	8	208
61	WASTE	WEST WASHINGTON STREET ASSOCIATES	112 W WASHINGTON ST ANN ARBOR MI 48104	SW	0.20 / 1,050.21	8	210
62	BEA		391 and 401 Miller Road MI 48104	W	0.20 / 1,055.47	-36	210
62	WASTE	MAYNARD BATTERY & AUTO	401 MILLER AVE ANN ARBOR MI 48103	W	0.20 / 1,055.47	-36	210
62	SHWS	391 and 401 Miller Road	391 and 401 Miller Road, MI, 48104 MI	W	0.20 / 1,055.47	-36	210
63	RCRA NON GEN	BANK OF ANN ARBOR	125 S FIFTH ST ANN ARBOR MI 48104 <i>EPA Handler ID: MIK114491715</i>	SE	0.21 / 1,103.79	27	211

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
63	WASTE	BANK OF ANN ARBOR	125 S FIFTH ST ANN ARBOR MI 48104	SE	0.21 / 1,103.79	27	212
64	RCRA NON GEN	THERMO ANALYTICAL ENVR RESEACH GROUP	117 N 1ST ST ANN ARBOR MI 48104 <i>EPA Handler ID:</i> MID981961550	WSW	0.21 / 1,109.97	-16	212
64	UST	Wcp Investments Partnership	117 N 1ST ST ANN ARBOR MI 48104-1354 <i>Facility ID:</i> 00035012 <i>New Tank ID No Status:</i> UTK-083109-15 Licensing and Regulatory Affairs Underground Tank List (LARA)	WSW	0.21 / 1,109.97	-16	214
64	LUST	Wcp Investments Partnership	117 N 1ST ST ANN ARBOR MI <i>Facility ID:</i> 00035012	WSW	0.21 / 1,109.97	-16	215
64	WASTE	THERMO ANALYTICAL ENVR RESEACH GROUP	117 N 1ST ST ANN ARBOR MI 48104	WSW	0.21 / 1,109.97	-16	216
65	RCRA NON GEN	GREAT COPY CO	110 E WASHINGTON ST ANN ARBOR MI 48104 <i>EPA Handler ID:</i> MID091606947	SSW	0.21 / 1,112.23	13	216
65	WASTE	GREAT COPY CO	110 E WASHINGTON ST ANN ARBOR MI 48104	SSW	0.21 / 1,112.23	13	218
66	WASTE	AMERITECH	323 E WASHINGTON ST ANN ARBOR MI 48104	SE	0.22 / 1,139.76	29	218
67	AUL	Bill Muncys Service	423 Miller Avenue Ann Arbor City MI 48103	W	0.23 / 1,196.51	-33	218
68	SHWS	221 Felch Street	221 Felch Street, MI, 48103 MI	NW	0.23 / 1,202.20	-41	219
69	BEA		544 Detroit Street MI 48104	ENE	0.23 / 1,228.95	-11	219
69	SHWS	544 Detroit Redevelopment Project	544 Detroit Street, Ann Arbor, MI, 48104 MI	ENE	0.23 / 1,228.95	-11	220
69	RCRA NON GEN	544 DETROIT STREET LLC	544 DETROIT ST ANN ARBOR MI 48104 <i>EPA Handler ID:</i> MIK141651558	ENE	0.23 / 1,228.95	-11	220

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
69	BROWNFIELDS	544 Detroit Street	544 Detroit Street Ann Arbor MI 48104	ENE	0.23 / 1,228.95	-11	222
69	BROWNFIELDS	544 Detroit Street	544 Detroit Street Ann Arbor MI	ENE	0.23 / 1,228.95	-11	222
69	WASTE	544 DETROIT STREET LLC	544 DETROIT ST ANN ARBOR MI 48104	ENE	0.23 / 1,228.95	-11	223
69	BROWNFIELDS	544 Detroit Street	544 Detroit Street Ann Arbor MI	ENE	0.23 / 1,228.95	-11	223
69	BROWNFIELDS	544 Detroit Street	544 Detroit Street Ann Arbor MI	ENE	0.23 / 1,228.95	-11	224
69	BROWNFIELDS	544 Detroit Street	544 Detroit Street Ann Arbor MI	ENE	0.23 / 1,228.95	-11	224
69	BFLD REDEV	544 DETROIT STREET REDEVELOPMENT PROJECT	544 DETROIT STREET ANN ARBOR MI	ENE	0.23 / 1,228.95	-11	225
69	BROWNFIELDS	544 Detroit Street	544 Detroit Street Ann Arbor MI	ENE	0.23 / 1,228.95	-11	225
69	BROWNFIELDS	544 Detroit Street Redevelopment Project	544 Detroit Street Ann Arbor MI	ENE	0.23 / 1,228.95	-11	226
70	RCRA VSQG	BOOTH NEWSPAPERS INC	340 E HURON ST ANN ARBOR MI 48104 <i>EPA Handler ID: MID093825156</i>	SE	0.23 / 1,229.32	33	227
70	WASTE	BOOTH NEWSPAPERS INC ANN ARBOR NEWS	340 E HURON ST ANN ARBOR MI 48104	SE	0.23 / 1,229.32	33	228
71	RCRA NON GEN	ANN ARBOR GREEN PROPERTY OWNER	413 E HURON ANN ARBOR MI 48103 <i>EPA Handler ID: MIK163198677</i>	ESE	0.24 / 1,243.61	38	228
71	WASTE	ANN ARBOR GREEN PROPERTY OWNER	413 E HURON ANN ARBOR MI 48103	ESE	0.24 / 1,243.61	38	229

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
72	RCRA VSQG	C B DEVELOPMENT	220 FELCH ST ANN ARBOR MI 48103 <i>EPA Handler ID:</i> MI0000028795	NW	0.24 / 1,250.36	-45	229
72	BEA	Ann Arbor Art Ctr (Former Standard Oil)	220 Felch MI	NW	0.24 / 1,250.36	-45	231
72	BEA		220 Felch Street MI	NW	0.24 / 1,250.36	-45	231
72	DELISTED SHWS	Ann Arbor Art Center (Fmr. Std Oil)	220 Felch St. Ann Arbor MI	NW	0.24 / 1,250.36	-45	231
72	UST	C.b Development	220 FELCH ST ANN ARBOR MI 48103-3392 <i>Facility ID:</i> 00020892 <i>New Tank ID No Status:</i> UTK-057441-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-057436-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-015504-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-026830-15 Licensing and Regulatory Affairs Underground Tank List (LARA)	NW	0.24 / 1,250.36	-45	232
72	LUST	C.b Development	220 FELCH ST ANN ARBOR MI <i>Facility ID:</i> 00020892	NW	0.24 / 1,250.36	-45	233
72	WASTE	C B DEVELOPMENT	220 FELCH ST ANN ARBOR MI 48103	NW	0.24 / 1,250.36	-45	234
72	BEA		220 Felch Street MI	NW	0.24 / 1,250.36	-45	235
73	BEA		200 S Ashley St Ann Arbor MI 48104	SW	0.24 / 1,269.52	3	235
73	UST	Budget Rent A Car	200 S ASHLEY ST ANN ARBOR MI 48104-1349 <i>Facility ID:</i> 00037272 <i>New Tank ID No Status:</i> UTK-012783-15 Licensing and Regulatory Affairs Underground Tank List (LARA)	SW	0.24 / 1,269.52	3	235
73	LUST	Budget Rent A Car	200 S ASHLEY ST ANN ARBOR MI <i>Facility ID:</i> 00037272	SW	0.24 / 1,269.52	3	236
73	FED BROWNFIELDS	200 South Ashley Street	200 South Ashley Street Ann Arbor MI 48104 <i>Property ID:</i> 21901	SW	0.24 / 1,269.52	3	237
73	WASTE	BUDGET RENT A CAR	200 S ASHLEY ST ANN ARBOR MI 48104	SW	0.24 / 1,269.52	3	246

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
73	SHWS	200 S Ashley	200 S Ashley, MI, 48104 MI	SW	0.24 / 1,269.52	3	246
74	UST	Bill Muncys Service	423 MILLER AVE ANN ARBOR MI 48103-3339	W	0.24 / 1,277.31	-32	247
			Facility ID: 00037093 New Tank ID No Status: UTK-071158-15 Licensing and Regulatory Affairs Underground Tank List (LARA)				
74	LUST	Bill Muncys Service	423 Miller Ave Ann Arbor MI	W	0.24 / 1,277.31	-32	248
			Facility ID: 00037093				
74	WASTE	BILL MUNCY SERVICE	423 MILLER AVE ANN ARBOR MI 48103	W	0.24 / 1,277.31	-32	249
75	UST	Fireston Store #2532/006130	402 E HURON ST ANN ARBOR MI 48104-1521	ESE	0.24 / 1,279.26	36	249
			Facility ID: 00000424 New Tank ID No Status: UTK-093857-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-039502-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-093866-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-032036-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-093861-15 Licensing and Regulatory Affairs Underground Tank List (LARA)				
75	WASTE	FIRESTONE TIRE & SERVICE CENTER #2532	402 E HURON ST ANN ARBOR MI 48104	ESE	0.24 / 1,279.26	36	251
76	UST	Ann Arbor CO (M65110)	324 E WASHINGTON ST ANN ARBOR MI 48104-2010	SE	0.24 / 1,282.31	31	251
			Facility ID: 00011653 New Tank ID No Status: UTK-046998-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-012326-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-055352-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-032767-15 Licensing and Regulatory Affairs Underground Tank List (LARA)				
76	LUST	Ann Arbor CO (M65110)	324 E WASHINGTON ST ANN ARBOR MI	SE	0.24 / 1,282.31	31	253
			Facility ID: 00011653				
77	ALT FUELS	Ann Arbor Downtown Development Authority - Ashley and Washington Parking	Structure 215 W Washington Ann Arbor MI 48104	SW	0.25 / 1,301.48	-3	254
			ID: 74325				
78	RCRA NON GEN	ASHLEY GROUP LLC	213-215 S ASHLEY ST ANN ARBOR MI 48104	SSW	0.25 / 1,303.23	7	254
			EPA Handler ID: MIK939489498				
78	WASTE	ASHLEY GROUP LLC	213-215 S ASHLEY ST ANN ARBOR MI 48104	SSW	0.25 / 1,303.23	7	256

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
79	BEA	700 North Main Street	700 North Main Street Ann Arbor MI 48104	N	0.25 / 1,334.79	-36	256
79	BEA	700 North Main Street	700 North Main Street Ann Arbor MI 48104	N	0.25 / 1,334.79	-36	256
79	BEA	700 North Main Street	700 North Main Street Ann Arbor MI 48104	N	0.25 / 1,334.79	-36	256
79	DELISTED SHWS	700 North Main Street	700 North Main Street Ann Arbor MI 48104	N	0.25 / 1,334.79	-36	257
80	WASTE	INTERNATIONAL MINUTE PRESS	301 E LIBERTY ST ANN ARBOR MI 48104	SSE	0.26 / 1,347.28	30	257
81	LUST	Arcure Motors	617 DETROIT ST ANN ARBOR MI <i>Facility ID: 00017633</i>	NE	0.26 / 1,368.10	-29	258
81	WASTE	AUTO STRASSE LTD	617 DETROIT ST ANN ARBOR MI 48104	NE	0.26 / 1,368.10	-29	258
82	BEA		202 S Division St MI	SE	0.26 / 1,393.19	35	259
82	BEA		202 S Division St Ann Arbor MI 48104	SE	0.26 / 1,393.19	35	259
82	BEA		202 S Division St Ann Arbor MI 48104	SE	0.26 / 1,393.19	35	259
82	BEA		202 S Division St Ann Arbor MI 48104	SE	0.26 / 1,393.19	35	260
82	BEA		202 S Division St # 212 Ann Arbor MI 48104	SE	0.26 / 1,393.19	35	260
82	LUST	Campus Auto	202 S Division St Ann Arbor MI <i>Facility ID: 00038007</i>	SE	0.26 / 1,393.19	35	260
82	FED BROWNFIELDS	202 and 212 South Division	202 and 212 South Division City of Ann Arbor MI 48104	SE	0.26 / 1,393.19	35	261

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			<i>Property ID: 82001</i>				
83	BEA		295 South Main Street MI	SSW	0.26 / 1,397.00	14	264
84	SHWS	202 S Division	202 S Division, MI, 48104 MI	SE	0.27 / 1,411.74	37	265
85	SHWS	202 & 212 S Division	202 & 212 S Division, MI, 48104 MI	SE	0.27 / 1,411.77	36	265
86	BEA		411 E Washington St Apt 401 Ann Arbor MI 48104	SE	0.27 / 1,420.55	39	266
86	BEA		411 East Washington Street MI 48104	SE	0.27 / 1,420.55	39	266
87	SHWS	401 & 411 E Washington	401 & 411 East Washington Street, Ann Arbor, MI, 48104 MI	SE	0.27 / 1,421.82	38	266
88	SHWS	411 East Washington St	411 East Washington Street, Ann Arbor, MI, 48104 MI	SE	0.28 / 1,464.94	39	267
89	LUST	Illis Service	401 W HURON ST ANN ARBOR MI <i>Facility ID: 50001678</i>	WSW	0.28 / 1,476.69	-28	267
89	WASTE	ILLIS AUTO SERVICE	401 W HURON ST ANN ARBOR MI 48103	WSW	0.28 / 1,476.69	-28	268
90	WASTE	SEVA INC	314 E LIBERTY ST ANN ARBOR MI 48104	SSE	0.29 / 1,507.71	30	268
91	FED BROWNFIELDS	226 West Liberty	226 West Liberty Ann Arbor MI 48104 <i>Property ID: 37481</i>	SW	0.29 / 1,535.50	-9	269
92	CERCLIS	MICHIGAN CONSOLIDATED COAL PLT #1	BROADWAY ANN ARBOR MI 48105 <i>Site EPA ID: MID981188733</i>	NE	0.29 / 1,545.28	-29	277
93	WASTE	PAINTERS SUPPLY & EQUIP CO	211 W LIBERTY ST ANN ARBOR MI 48104	SW	0.29 / 1,553.69	-11	279

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
94	LUST	Ann Arbor Implement Co	210 S 1ST ST ANN ARBOR MI <i>Facility ID: 00035555</i>	SW	0.29 / 1,556.36	-18	279
94	WASTE	ANN ARBOR IMPLEMENT	210 S 1ST ST ANN ARBOR MI 48104	SW	0.29 / 1,556.36	-18	280
95	WASTE	IN DOOR COMFORT	416 W HURON ST ANN ARBOR MI 48103	WSW	0.30 / 1,560.29	-28	280
96	SHWS	314 South Fourth Street	314 South Fourth Avenue, Ann Arbor, MI, 48104 MI	S	0.30 / 1,576.24	19	280
97	LUST	City Garage	721 N MAIN ST ANN ARBOR MI <i>Facility ID: 00008427</i>	NNW	0.30 / 1,578.16	-47	281
97	FED BROWNFIELDS	Former DPW Yard (AA)	721 N. Main Street Ann Arbor MI 48103 <i>Property ID: 159685</i>	NNW	0.30 / 1,578.16	-47	282
97	WASTE	CITY OF ANN ARBOR MUNICIPAL GARAGE	721 N MAIN ST ANN ARBOR MI 48104	NNW	0.30 / 1,578.16	-47	285
97	SHWS	721 North Main Street	721 N MAIN ST, ANN ARBOR, MI, 48104 MI	NNW	0.30 / 1,578.16	-47	285
98	BEA		314 South Forth Avenue MI 48104	S	0.30 / 1,580.04	18	286
98	BEA		314 South Fourth Avenue MI 48104	S	0.30 / 1,580.04	18	286
99	SHWS	325 East Summit Street	325 East Summit Street, Ann Arbor, MI, 48104 MI	NE	0.30 / 1,585.78	-36	287
100	BEA		626 - 724 N Main MI 48103	N	0.30 / 1,586.13	-51	287
101	PFAS IND	ANN ARBOR CIRCUITS	ANN ARBOR MI	WSW	0.30 / 1,594.60	-27	287

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
102	SHWS	626 - 724 North Main Street	626 - 724 North Main Street, Ann Arbor, MI, 48104 MI	N	0.30 / 1,602.07	-51	288
103	WASTE	ANN ARBOR SCHOOLS	530 ELIZABETH ST ANN ARBOR MI 48104	ENE	0.30 / 1,606.77	17	289
104	WASTE	BUREAU OF ATF	200 E LIBERTY ST ANN ARBOR MI 48104	S	0.31 / 1,622.63	25	289
104	WASTE	OIL RESORT LLC	200 E LIBERTY ST. ANN ARBOR MI 48104	S	0.31 / 1,622.63	25	289
105	BEA		221 W Liberty St MI 48103	SW	0.31 / 1,629.99	-15	289
105	LUST	Liberty Street	221 W LIBERTY ST ANN ARBOR MI <i>Facility ID: 50005381</i>	SW	0.31 / 1,629.99	-15	290
105	SHWS	221 W Liberty St	221 W LIBERTY ST, ANN ARBOR, MI, 48104 MI	SW	0.31 / 1,629.99	-15	290
106	BEA		325 E. Summit Street MI 48104	NE	0.31 / 1,638.69	-37	291
106	BEA	325 E. Summit Street	325 E. Summit Street Ann Arbor MI 48104	NE	0.31 / 1,638.69	-37	291
107	DELISTED SHWS	Ann Arbor Art Center (Fmr. Std Oil)	MI	WNW	0.31 / 1,651.28	3	292
108	WASTE	OTIS ELEVATOR	404 W WASHINGTON ST ANN ARBOR MI 48103	WSW	0.31 / 1,654.65	-28	292
109	BEA	Eaton Corp - Ann Arbor	SW Corner of S First & W Liberty Sts MI 48103	SW	0.31 / 1,655.35	-17	293
110	BEA		300 W Liberty St Ann Arbor MI 48103	SW	0.32 / 1,676.18	-18	293

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
110	SHWS	300 West Liberty Street	300 West Liberty Street, Ann Arbor, MI, 48103 MI	SW	0.32 / 1,676.18	-18	293
111	SHWS	Mich Con - Beakes Street	320 340 Depot Street & 325 Summit Street, Ann Arbor, MI, 48104 MI	NE	0.32 / 1,680.38	-41	294
112	FED BROWNFIELDS	Blank Slate Creamery	300 W. Liberty Ann Arbor MI 48103 <i>Property ID: 169918</i>	SW	0.32 / 1,681.47	-18	294
113	WASTE	ANN ARBOR YMCA	400 W WASHINGTON ST ANN ARBOR MI 48103	WSW	0.32 / 1,689.26	-27	314
114	WASTE	ECONO CAR INC	438 W HURON ST ANN ARBOR MI 48103	WSW	0.32 / 1,691.32	-26	314
115	WASTE	GREAT LAKES BANCORP	401 E LIBERTY ST ANN ARBOR MI 48104	SE	0.32 / 1,693.94	40	315
116	BEA	Mich Con Beakes St	340 Depot St MI	NE	0.32 / 1,711.90	-46	315
116	BEA		320/340 Depot St MI	NE	0.32 / 1,711.90	-46	315
116	BEA		340 Depot Street MI	NE	0.32 / 1,711.90	-46	316
116	WASTE	DTE MICHIGAN BEAKE ST MGP (REM 8.5.2)	340 DEPOT ST ANN ARBOR MI 48104	NE	0.32 / 1,711.90	-46	316
116	BEA	Mich Con Beakes St	340 Depot St MI	NE	0.32 / 1,711.90	-46	316
116	BEA		340 Depot Street MI	NE	0.32 / 1,711.90	-46	316
116	BEA		320/340 Depot St MI	NE	0.32 / 1,711.90	-46	317

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
117	WASTE	PRICKLY PEAR RESTAURANT	328 S MAIN ST ANN ARBOR MI 48104	SSW	0.33 / 1,737.94	15	317
118	LUST	Parks & Recreation Bldg	415 W WASHINGTON ST ANN ARBOR MI <i>Facility ID: 00008428</i>	WSW	0.33 / 1,742.71	-27	317
118	WASTE	CITY OF ANN ARBOR PARKS SERVICE HEADQUARTERS	415 W WASHINGTON ST ANN ARBOR MI 48103	WSW	0.33 / 1,742.71	-27	320
118	WASTE	CITY OF ANN ARBOR	415 W WASHINGTON ST ANN ARBOR MI 48103	WSW	0.33 / 1,742.71	-27	320
119	WASTE	REPUBLIC PARKING SYSTEM	510 E WASHINGTON ST ANN ARBOR MI 48104	SE	0.33 / 1,760.83	45	320
120	SHWS	331 S Fourth & 350 S Fifth	331 S Fourth & 350 S Fifth, MI, 48104 MI	S	0.33 / 1,760.92	23	320
121	BEA		396 - 424 W Washington MI	WSW	0.34 / 1,769.44	-26	321
121	SHWS	396-424 W. Washington/AnnArbor YMCA	396-424 W. Washington St., Ann Arbor, MI, 48103 MI	WSW	0.34 / 1,769.44	-26	321
121	WASTE	ANN ARBOR CIRCUITS INC	424 W WASHINGTON ST ANN ARBOR MI 48103	WSW	0.34 / 1,769.44	-26	322
122	FED BROWNFIELDS	800 North Main Street	800 North Main Street Ann Arbor MI 48104 <i>Property ID: 12387</i>	N	0.34 / 1,797.53	-51	322
122	LUST	Melvin & Betty Lewis	800 N MAIN ST ANN ARBOR MI <i>Facility ID: 00041930</i>	N	0.34 / 1,797.53	-51	325
122	BFLD UST	MAIN & SUMMIT	800 N MAIN ANN ARBOR MI	N	0.34 / 1,797.53	-51	327
123	WASTE	GILES RENTAL PROPERTY	118 N STATE ST ANN ARBOR MI 48104	ESE	0.34 / 1,799.50	46	327

<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>
124	WASTE	C & J BODY SHOP	124 W SUMMIT ST ANN ARBOR MI 48103	N	0.34 / 1,806.91	-35	327
125	BEA		331 S Fourth & 350 S Fifth MI 48104	S	0.34 / 1,817.54	24	327
126	WASTE	MORNINGSIDE ANN ARBOR LLC	305 W LIBERTY ST ANN ARBOR MI 48103	SW	0.35 / 1,841.68	-17	328
127	WASTE	SIR SPEEDY	350 S MAIN ST ANN ARBOR MI 48104	SSW	0.36 / 1,879.69	15	328
128	BEA		350 South Fifth Avenue MI 48104	S	0.36 / 1,889.55	24	328
128	SHWS	350 South Fifth Avenue	350 South 5th Avenue, Ann Arbor, MI, 48104 MI	S	0.36 / 1,889.55	24	328
128	WASTE	ANN ARBOR YMCA	350 S 5TH AVE ANN ARBOR MI 48104	S	0.36 / 1,889.55	24	329
128	BEA		350 South Fifth Street MI 48104	S	0.36 / 1,889.55	24	329
128	BEA	350 South Fifth Avenue	350 South Fifth Avenue Ann Arbor MI 48104	S	0.36 / 1,889.55	24	329
128	BEA	350 South Fifth Avenue	350 South Fifth Avenue Ann Arbor MI 48104	S	0.36 / 1,889.55	24	330
129	WASTE	MIDOT S05-81062 I-94 UND STATE RD	I 94 UNDER STATE RD ANN ARBOR MI 48106	ESE	0.36 / 1,898.55	47	330
130	WASTE	FIRST MARTIN CORP	115 DEPOT ST ANN ARBOR MI 48104	N	0.36 / 1,901.13	-55	330
131	SHWS	Eaton Corporation - Ann Arbor	315 South First St, Ann Arbor, MI, 48103	SW	0.36 / 1,913.11	-18	331

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			MI				
131	WASTE	LIBERTY LOFTS	315 S 1ST ST ANN ARBOR MI 48104	SW	0.36 / 1,913.11	-18	331
131	AUL	Eaton Corporation - Ann Arbor	315 South First Street Ann Arbor City MI 48103	SW	0.36 / 1,913.11	-18	331
131	AUL	Eaton Corporation - Ann Arbor	315 South First Street Ann Arbor MI 48103	SW	0.36 / 1,913.11	-18	332
132	WASTE	NECTO LLC	516 E LIBERTY ST ANN ARBOR MI 48104	SE	0.37 / 1,961.57	46	333
133	WASTE	SUN OIL CO	325 W LIBERTY ST ANN ARBOR MI 48103	SW	0.37 / 1,977.51	-14	333
134	BEA		212 S State St # 216 Ann Arbor MI 48104	ESE	0.38 / 1,999.86	48	333
134	LUST	Former Max Goldman Trust Property	212 S STATE ST ANN ARBOR MI <i>Facility ID: 00038476</i>	ESE	0.38 / 1,999.86	48	334
134	WASTE	H AND K CAMPUS PROPERTIES (VACANT PROPERTY)	212 - 216 STATE ST ANN ARBOR MI 48104	ESE	0.38 / 1,999.86	48	336
134	WASTE	G AND S METALS	212 S STATE ST ANN ARBOR MI 48104	ESE	0.38 / 1,999.86	48	336
134	DELISTED SHWS	212 - 216 South State Street	212 - 216 South State Street, Ann Arbor, MI, 48104 MI	ESE	0.38 / 1,999.86	48	336
134	DELISTED SHWS	212 - 216 South State Street	MI	ESE	0.38 / 1,999.86	48	337
135	WASTE	1ST STOP TIRE SERVICE	907 N MAIN ST ANN ARBOR MI 48104	N	0.38 / 2,003.44	-49	337

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
135	WASTE	ARMORTHANE OF MICHIGAN LLC	907 N MAIN ST ANN ARBOR MI 48104	N	0.38 / 2,003.44	-49	338
135	WASTE	ANN ARBOR AUTO SERVICE INC	907 N MAIN ST ANN ARBOR MI 48104	N	0.38 / 2,003.44	-49	338
136	WASTE	ARGUS BUILDING	400 S 4TH ST ANN ARBOR MI 48103	S	0.38 / 2,019.15	21	338
137	WASTE	MICHIGAN THEATRE	603 E LIBERTY ST ANN ARBOR MI 48104	SE	0.38 / 2,020.20	48	338
138	WASTE	FULLSERVE INC	603 W HURON ST ANN ARBOR MI 48103	WSW	0.38 / 2,024.45	-19	338
139	WASTE	MAIN ST MOTORS	906 N MAIN ST ANN ARBOR MI 48104	N	0.38 / 2,025.89	-49	339
140	SHWS	H & K Campus Properties	212 - 216 South State Street, Ann Arbor, MI, 48104 MI	ESE	0.39 / 2,059.21	49	339
141	BEA	Eaton Corp - Ann Arbor	315 S First & 311 S Second Sts MI 48103	SW	0.39 / 2,069.90	-14	339
141	BEA		315 S First & 311 S Second Sts MI 48106	SW	0.39 / 2,069.90	-14	340
142	BEA		402 S Main MI	SSW	0.39 / 2,077.05	14	340
142	LUST	Main Street Convenience Inc.	402 S Main St Ann Arbor MI <i>Facility ID: 00005811</i>	SSW	0.39 / 2,077.05	14	340
142	WASTE	SOUTH MAIN BP	402 S MAIN ST ANN ARBOR MI 48104	SSW	0.39 / 2,077.05	14	341
143	SHWS	Allen Creek Drain	912 N Main St, Ann Arbor, MI, 48104 MI	N	0.40 / 2,096.13	-49	341

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
143	WASTE	SHEFFIELD PHARMACEUTICALS	912 N MAIN ST ANN ARBOR MI 48104	N	0.40 / 2,096.13	-49	342
144	BEA		815 Wildt St Ann Arbor, MI MI 48103	N	0.40 / 2,098.81	-20	342
144	SHWS	815 Wildt St	815 Wildt St., Ann Arbor, MI, 48103 MI	N	0.40 / 2,098.81	-20	343
144	WASTE	ANN ARBOR BEARING & MFG CO	815 WILDT ST ANN ARBOR MI 48103	N	0.40 / 2,098.81	-20	343
145	WASTE	CITY OF ANN ARBOR	410 S MAIN ST ANN ARBOR MI 48107	SSW	0.40 / 2,099.20	15	343
146	WASTE	JACOBSONS	612 E LIBERTY ST ANN ARBOR MI 48104	SE	0.40 / 2,136.41	48	343
147	WASTE	CITY OF ANN ARBOR	324 MAYNARD ST ANN ARBOR MI 48104	SE	0.41 / 2,140.26	47	344
148	WASTE	CVS PHARMACY #3584	209 S STATE ST ANN ARBOR MI 48104	ESE	0.42 / 2,202.10	51	344
149	BEA		924 - 936 North Main Street MI	N	0.42 / 2,242.77	-46	344
150	WASTE	ST MARYS CHURCH	331 THOMPSON ST ANN ARBOR MI 48104	SE	0.43 / 2,261.43	46	344
151	WASTE	MOLECULAR THERAPEUTICS INC	924 N MAIN ST ANN ARBOR MI 48104	N	0.43 / 2,270.65	-46	345
152	WASTE	GOLD BOND CLEANERS INC	332 MAYNARD ST ANN ARBOR MI 48104	SE	0.43 / 2,286.02	47	345
153	WASTE	DTE ANN ARBOR CENTER	425 S MAIN ST ANN ARBOR MI 48104	S	0.43 / 2,289.24	18	345

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154	WASTE	TARGET STORE T3415	231 S STATE ST ANN ARBOR MI 48104	ESE	0.44 / 2,299.66	50	345
155	WASTE	SPARTAN TIRE	936 N MAIN ST ANN ARBOR MI 48104	N	0.44 / 2,316.55	-45	345
156	LUST	Main Street Gas Station	428 S MAIN ST ANN ARBOR MI <i>Facility ID: 00033752</i>	SSW	0.45 / 2,357.10	13	346
157	LUST	North Ingalls Building	400 N INGALLS ST ANN ARBOR MI <i>Facility ID: 00034887</i>	E	0.45 / 2,371.24	50	346
158	WASTE	BIOTECTIX LLC	940 N MAIN ST ANN ARBOR MI 48104	N	0.45 / 2,382.11	-44	347
159	WASTE	TOWER PLAZA	555 E WILLIAM ST ANN ARBOR MI 48104	SE	0.45 / 2,388.03	46	347
160	SHWS	Mich Con	841 Broadway Street, Ann Arbor, MI, 48105 MI	NE	0.45 / 2,389.95	-58	348
160	LUST	Broadway	841 BROADWAY ST ANN ARBOR MI <i>Facility ID: 00013224</i>	NE	0.45 / 2,389.95	-58	348
160	WASTE	DTE BROADWAY STATION	841 BROADWAY ST ANN ARBOR MI 48105	NE	0.45 / 2,389.95	-58	352
160	WASTE	WASHTENAW COUNTY DRAIN COMM	841 BROADWAY ST ANN ARBOR MI 48105	NE	0.45 / 2,389.95	-58	352
160	WASTE	MICHIGAN CONSOLIDATED GAS CO	841 BROADWAY CENTER ANN ARBOR MI 48105	NE	0.45 / 2,389.95	-58	352
160	BFLD UST	MICH. CON BROADWAY SITE	841 BROADWAY ANN ARBOR MI	NE	0.45 / 2,389.95	-58	352
160	BFLD REDEV	Broadway Park	841 Broadway Street Ann Arbor MI	NE	0.45 / 2,389.95	-58	353

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
161	WASTE	U OF M NORTH INGALLS BUILDING	300 N INGALLS ST ANN ARBOR MI 48109	E	0.46 / 2,420.42	50	353
162	WASTE	MAPLE TOWER LDHA LP	727 MILLER AVE ANN ARBOR MI 48103	WNW	0.46 / 2,427.59	13	353
163	WASTE	CITY OF ANN ARBOR BRIDGE B01-81102	BROADWAY OVER HURON RIVER ANN ARBOR MI 48107	NE	0.49 / 2,576.37	-65	353
164	WASTE	ARGUS BUILDING	535 W. WILLIAMS ST ANN ARBOR MI 48103	SW	0.49 / 2,588.28	-6	353
165	BEA		502 S Main St Ann Arbor MI 48104	SSW	0.51 / 2,667.24	-2	354
165	DELISTED SHWS	502 S Main St	502 S Main St, MI, 48103 MI 48103	SSW	0.51 / 2,667.24	-2	354
165	DELISTED SHWS	502 South Main Street, Ann Arbor	502 South Main Street Ann Arbor MI 48104	SSW	0.51 / 2,667.24	-2	355
166	SHWS	DTE Energy - Ann Arbor Service Center	982 BROADWAY ST, ANN ARBOR, MI, 48105 MI	NE	0.51 / 2,693.15	-51	355
167	DELISTED SHWS	400 4th Street - Argus II Building	MI	SW	0.52 / 2,745.66	-4	356
168	BEA		507 S Ashley St # 511 Ann Arbor MI 48103	SSW	0.52 / 2,759.58	-14	356
168	SHWS	507-511 S. Ashley	507-511 S. Ashley, Ann Arbor, MI, 48103 MI	SSW	0.52 / 2,759.58	-14	357
169	BEA	Former Gasoline Service Station	520 South Main Street MI	S	0.54 / 2,850.18	-7	357
170	BEA	Commercial Property	990 Broadway St MI 48105	NE	0.54 / 2,865.46	-48	358

<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>
170	SHWS	990 Broadway St	990 Broadway St, MI, 48105 MI	NE	0.54 / 2,865.46	-48	358
171	BEA		521 S Ashley MI	SSW	0.54 / 2,866.88	-14	359
171	SHWS	521 South Ashley Street	521 South Ashley Street, Ann Arbor, MI, 48104 MI	SSW	0.54 / 2,866.88	-14	359
172	DELISTED SHWS	400 4th Street - Argus II Building	400 Fourth St Ann Arbor MI 48103	SW	0.55 / 2,925.00	-2	359
172	SHWS	Argus II Building	400 4th Street, Ann Arbor, MI, 48103 MI	SW	0.55 / 2,925.00	-2	360
173	BEA	Residential	1010 Catherine St Ann Arbor MI 48104	E	0.55 / 2,928.57	19	361
173	BEA		1010 Catherine St Ann Arbor MI 48104	E	0.55 / 2,928.57	19	361
174	SHWS	1010 Catherine	1010 Catherine, MI, 48104 MI	E	0.56 / 2,951.16	19	361
175	SHWS	1012 Pontiac St	1012 Pontiac St, MI, 48105 MI	NE	0.57 / 3,030.08	-35	362
176	BEA	former Hop In #507	1019 Broadway MI 48105	NE	0.58 / 3,087.15	-46	362
176	BEA	former Hop In #507	1019 Broadway Ann Arbor MI 48105	NE	0.58 / 3,087.15	-46	363
177	BEA		215 Glen Ave MI 48104	E	0.58 / 3,087.19	19	363
177	SHWS	215 Glen Ave	215 Glen Ave, MI, 48104 MI	E	0.58 / 3,087.19	19	363
178	BEA	Clark Store #2121	1019 BROADWAY ST ANN ARBOR MI 48105	NE	0.59 / 3,090.09	-46	364

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179	BEA		201 Glen Ave MI 48104	E	0.59 / 3,114.28	21	364
179	BEA	Glenn Ann Service	201, 213, 215 & 217 Glen Ave. & 1025-1031 E. Ann St. MI 48104	E	0.59 / 3,114.28	21	365
180	BEA		1012 Pontiac Trl Ann Arbor MI 48105	NE	0.59 / 3,129.98	-32	365
181	SHWS	1031 Broadway	1031 Broadway, Ann Arbor, MI, 48105 MI	NE	0.61 / 3,200.17	-46	365
182	SHWS	551 S. 4th Avenue	551 S. 4th Avenue, Ann Arbor, MI, 48104 MI	S	0.61 / 3,218.23	-10	366
183	BEA	Main Madison Properties	552 S Main St # 564 Ann Arbor MI 48104	S	0.61 / 3,221.68	-9	366
183	SHWS	552 - 564 S Main St	552 - 564 S Main St, MI, 48104 MI	S	0.61 / 3,221.68	-9	367
184	BEA		551 S Fourth MI 48104	S	0.61 / 3,230.05	-7	367
184	BEA		551 S. Fourth Avenue MI	S	0.61 / 3,230.05	-7	368
184	BEA		551 S. Fourth Avenue MI	S	0.61 / 3,230.05	-7	368
185	BEA		Broadway at Maiden Lane MI 48105	NE	0.62 / 3,280.20	-45	368
185	BEA		Broadway and Maiden Lane MI 48105	NE	0.62 / 3,280.20	-45	369
185	BEA		NE Corner of Maiden Lane & Broadway St. MI 48105	NE	0.62 / 3,280.20	-45	369

<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>
185	BEA		Broadway and Maiden Lane MI 48105	NE	0.62 / 3,280.20	-45	369
186	SHWS	Lansky Scrapyard	1100 N MAIN ST, ANN ARBOR, MI, 48104 MI	N	0.63 / 3,317.64	-41	370
187	BEA	Broadway Coin Laundry	915 Maiden Ln & 1100/1102/1110 Broadway MI 48105	ENE	0.64 / 3,398.87	-49	370
188	BEA		923 Maiden Lane MI 48105	ENE	0.64 / 3,403.47	-51	371
188	BEA		923 Maiden Lane MI 48105	ENE	0.64 / 3,403.47	-51	371
189	BEA		601 S Main MI	S	0.65 / 3,446.19	-9	371
190	BEA		1140 Broadway & 943 Maiden Ln MI 48105	ENE	0.66 / 3,509.65	-52	372
191	BEA		1120 Broadway MI 48105	ENE	0.67 / 3,523.92	-49	372
192	BEA	Broadway Coin Laundry	1120 Broadway Ann Arbor MI 48933	NE	0.68 / 3,585.00	-47	372
192	BEA	Broadway Coin Laundry	1120 Broadway Ann Arbor MI 48933	NE	0.68 / 3,585.00	-47	373
192	BEA	Broadway Coin Laundry	1120 Broadway Ann Arbor MI 48933	NE	0.68 / 3,585.00	-47	373
192	BEA	Broadway Coin Laundry	1120 Broadway Ann Arbor MI 48933	NE	0.68 / 3,585.00	-47	373
192	BEA	Broadway Coin Laundry	1120 Broadway Ann Arbor MI 48933	NE	0.68 / 3,585.00	-47	374

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
192	BEA	Broadway Coin Laundry	1120 Broadway Ann Arbor MI 48933	NE	0.68 / 3,585.00	-47	374
193	BEA		999 Maiden Lane MI 48105	ENE	0.68 / 3,589.53	-59	374
193	BEA		999 Maiden Lane MI 60654	ENE	0.68 / 3,589.53	-59	375
193	BEA	999 Maiden Lane	999 Maiden Lane Ann Arbor MI 48105	ENE	0.68 / 3,589.53	-59	375
193	BEA	999 Maiden Lane	999 Maiden Lane Ann Arbor MI 48105	ENE	0.68 / 3,589.53	-59	375
193	SHWS	999 Maiden Lane	999 Maiden Lane, MI, 48105 MI	ENE	0.68 / 3,589.53	-59	376
194	SHWS	Broadway Coin Laundry	1120 Broadway Street, Ann Arbor, MI, 48105 MI	NE	0.68 / 3,602.21	-48	376
195	SHWS	Medical Center Court Apartments	1005 Maiden Lane, Ann Arbor, MI, 48105 MI	ENE	0.69 / 3,639.93	-58	377
196	BEA	Lower Town Redevelopment Site	1120, 1140-1142, 1156, 1160- 1170, 1100 Broadway & 915, 931, 943, 959 Maiden Ln. MI 48104	ENE	0.69 / 3,643.48	-50	377
197	BEA	Commercial Property	613, 617 & 715 South Fifth Ave 00021201 Ann Arbor MI 48104	S	0.69 / 3,643.54	-8	378
197	DELISTED SHWS	Commercial Property	613, 617 & 715 South Fifth Ave 00021201 Ann Arbor MI 48104	S	0.69 / 3,643.54	-8	378
198	FUDS	UNIVERSITY OF MICHIGAN, ANN ARBOR	ANN ARBOR MI <i>FUDS Property No:</i> E05MI1171	ESE	0.70 / 3,689.94	55	379
199	SHWS	Former Carwash Building	633 S Main ST, Ann Arbor, MI, 48104 MI	S	0.70 / 3,693.42	-4	379

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200	SHWS	Fox Tent & Awning Company	618 S. Main Street, Ann Arbor, MI, 48103 MI	S	0.70 / 3,714.74	-4	380
201	BEA		637 South Main Street MI 48103	S	0.71 / 3,763.99	-3	380
201	SHWS	637 S. Main Street	637 S. Main Street, Ann Arbor, MI, 48103 MI	S	0.71 / 3,763.99	-3	381
201	BEA	637 S. Main Street	637 S. Main Street Ann Arbor MI 48103	S	0.71 / 3,763.99	-3	381
202	BEA		615, 633, and 637 S. Main St. MI 48341	S	0.72 / 3,790.76	-2	382
203	BEA		618 S Main St Ann Arbor MI 48104	S	0.73 / 3,833.57	-2	382
204	SHWS	Armen Cleaners	630 South Ashley Street, Ann Arbor, MI, 48103 MI	SSW	0.73 / 3,835.47	-1	382
205	BEA		1200 Broadway MI 48105	ENE	0.73 / 3,848.28	-53	383
205	BEA		1200 Broadway MI 48105	ENE	0.73 / 3,848.28	-53	383
205	BEA		1200 Broadway MI 48105	ENE	0.73 / 3,848.28	-53	384
205	BEA		1200 Broadway MI 48105	ENE	0.73 / 3,848.28	-53	384
206	SHWS	Island Drive Apartments	1099 Maiden Lane, Ann Arbor, MI, 48105 MI	ENE	0.73 / 3,853.23	-61	384
207	SHWS	127 Adams Ave	127 Adams Ave, MI, 48933 MI	S	0.74 / 3,918.71	-1	385

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208	BEA		127 Adams Ave MI	S	0.74 / 3,927.22	-1	385
209	BEA		1209-1213 South University Ave. MI 48104	SE	0.80 / 4,241.68	48	386
210	SHWS	Lotus Engineering	1254 North Main Street, Ann Arbor, MI, 48104 MI	N	0.81 / 4,278.77	-37	386
210	BEA	1254 N. Main/ Lotus Engineering	1254 North Main Street Ann Arbor MI 48197	N	0.81 / 4,278.77	-37	387
211	BEA		1254 N. Main Street MI 48104	N	0.84 / 4,442.10	-33	387
212	SHWS	615/617 East University Ave. & 612 & 616 Church St.	615/617 East University Ave. & 612 & 61, 6 Church St., MI, 48104 MI	SE	0.87 / 4,578.99	43	387
213	BEA		615/617 East University Ave. & 612 & 616 Church St. MI 48104	SE	0.87 / 4,607.68	46	388
213	BEA	615/617 East University Ave. & 612 & 616 Church St.	615/617 East University Ave. & 612 & 61 Ann Arbor MI 48104	SE	0.87 / 4,607.68	46	388
214	BEA		1254 North Main Street MI	N	0.88 / 4,644.13	-29	389
215	BEA		1220 South University Avenue MI	ESE	0.88 / 4,657.50	50	389
216	SHWS	1213 South University Avenue	1213 South University Avenue, Ann Arbor, MI, 48104 MI	ESE	0.88 / 4,662.68	54	389
216	BEA	1213 South University Avenue	1213 South University Avenue Ann Arbor MI 48104	ESE	0.88 / 4,662.68	54	390
217	BEA		1215 South Universtity Avenue Ann Arbor MI 48104	ESE	0.89 / 4,694.68	54	390

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
217	BEA	1215 South Universtity Avenue	1215 South Universtity Avenue Ann Arbor MI 48104	ESE	0.89 / 4,694.68	54	391
218	BEA		1327 Jones Dr MI	NE	0.89 / 4,719.42	-32	391
218	SHWS	1327 Jones Dr	1327 Jones Dr, MI, 48105 MI	NE	0.89 / 4,719.42	-32	391
219	SHWS	1215 South Universtity Avenue	1215 South Universtity Avenue, Ann Arbor , MI, 48104 MI	ESE	0.90 / 4,737.37	53	392
220	DELISTED CONTAM	ANN ARBOR, MONTGOMERY PUMPING STATION	432 MONTGOMERY ANN ARBOR MI 48103	WSW	0.91 / 4,817.60	27	392
221	SHWS	Univ of Mich Hospital Fuller Rd	Fuller Rd., Ann Arbor, MI, 48103 MI	E	0.91 / 4,826.33	-17	393
222	BEA		1220 S University MI	ESE	0.93 / 4,890.53	52	393
223	BEA		601 S Forest Ave Ann Arbor MI 48104	ESE	0.93 / 4,906.49	54	393
223	SHWS	601 S. Forest	601 S. Forest, Ann Arbor, MI, 48104 MI	ESE	0.93 / 4,906.49	54	394
224	BEA		327 E Hoover MI	S	0.93 / 4,929.15	1	394
224	BEA		327 E Hoover MI	S	0.93 / 4,929.15	1	395
224	BEA		327 E Hoover MI	S	0.93 / 4,929.15	1	395
224	BEA		327 E Hoover MI	S	0.93 / 4,929.15	1	395

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224	BEA		327 E Hoover MI	S	0.93 / 4,929.15	1	396
225	SHWS	327 E Hoover	327 E Hoover, MI, 48104 MI	S	0.95 / 5,015.06	2	396
226	SHWS	1500 Jackson Road, Ann Arbor	1500 Jackson Road, Ann Arbor, MI, 48103 MI	W	0.97 / 5,105.56	50	397

Executive Summary: Summary by Data Source

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Federal

CERCLIS - Comprehensive Environmental Response, Compensation and Liability Information System - CERCLIS

A search of the CERCLIS database, dated Oct 25, 2013 has found that there are 1 CERCLIS 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>
MICHIGAN CONSOLIDATED COAL PLT #1	BROADWAY ANN ARBOR MI 48105	NE	0.29 / 1,545.28	92
	<i>Site EPA ID: MID981188733</i>			

RCRA SQG - RCRA Small Quantity Generators List

A search of the RCRA SQG database, dated Jul 10, 2023 has found that there are 2 RCRA SQG site(s) within approximately 0.25 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>
GENOA HEALTHCARE LLC	110 N 4TH AVE SUITE 1100 ANN ARBOR MI 48104	SSE	0.10 / 540.76	21
	<i>EPA Handler ID: MIK113248116</i>			
CISCO SYSTEMS INC	123 N ASHLEY ST SUITE 100 ANN ARBOR MI 48104	WSW	0.13 / 708.51	31
	<i>EPA Handler ID: MIK213756545</i>			

RCRA VSQG - RCRA Very Small Quantity Generators List

A search of the RCRA VSQG database, dated Jul 10, 2023 has found that there are 10 RCRA VSQG site(s) within approximately 0.25 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>
SHEESH	207 N MAIN ST ANN ARBOR MI 48154	WSW	0.07 / 391.42	16
	<i>EPA Handler ID: MIK200922417</i>			
CITY OF ANN ARBOR FIRE DEPT	111 N 5TH AVE ANN ARBOR MI 48104	SE	0.11 / 602.34	27
	<i>EPA Handler ID: MID985655208</i>			
MI DEPT/TRANSPORTATION	I 94 OVER I 94 BUSINESS LOOP ANN ARBOR MI 48106	SSW	0.14 / 742.95	34
	<i>EPA Handler ID: MIK454441262</i>			
NATIONAL CITY BANK	101 S MAIN ST ANN ARBOR MI 48104	SSW	0.15 / 785.08	37

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	<i>EPA Handler ID: MIK354217168</i>			
BOOTH NEWSPAPERS INC	340 E HURON ST ANN ARBOR MI 48104	SE	0.23 / 1,229.32	70
	<i>EPA Handler ID: MID093825156</i>			
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
JNJ CLEANERS	308 N MAIN ST ANN ARBOR MI 48104	WNW	0.02 / 87.45	4
	<i>EPA Handler ID: MID981775273</i>			
U OF M COMMUNITY DENTAL CTR	406 N ASHLEY ANN ARBOR MI 48103	WNW	0.09 / 488.69	20
	<i>EPA Handler ID: MIR000042267</i>			
ROSS-BEAKES COLLISION	314 W ANN ST ANN ARBOR MI 48104	WSW	0.18 / 964.34	50
	<i>EPA Handler ID: MID981532377</i>			
J C BEAL GROUP	221 FELCH ST ANN ARBOR MI 48103	NW	0.20 / 1,047.02	59
	<i>EPA Handler ID: MIK858948376</i>			
C B DEVELOPMENT	220 FELCH ST ANN ARBOR MI 48103	NW	0.24 / 1,250.36	72
	<i>EPA Handler ID: MI0000028795</i>			

RCRA NON GEN - RCRA Non-Generators

A search of the RCRA NON GEN database, dated Jul 10, 2023 has found that there are 19 RCRA NON GEN site(s) within approximately 0.25 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>
AMOCO OIL CO	300 N MAIN ST ANN ARBOR MI 48104	W	0.02 / 89.35	5
	<i>EPA Handler ID: MID985607571</i>			
303 DETROIT STREET LLC	303 DETROIT ST ANN ARBOR MI 48104	E	0.02 / 92.18	6
	<i>EPA Handler ID: MIK975345401</i>			
M A V DEVELOPMENT CO	314 DETROIT ST ANN ARBOR MI 48104	E	0.06 / 309.03	13
	<i>EPA Handler ID: MIK219723194</i>			
MI DEPT/MILITARY & VETERANS AFFAIRS	223 E ANN ST ANN ARBOR MI 48104	SE	0.07 / 380.33	15
	<i>EPA Handler ID: MID982606642</i>			
COUNTY OF WASHTENAW DRAIN COMMISSION	110 N 4TH AVE ANN ARBOR MI 48104	SSE	0.10 / 540.76	21

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	<i>EPA Handler ID: MIP200001376</i>			
CITY OF ANN ARBOR	111 N MAIN ST ANN ARBOR MI 48104	SW	0.11 / 596.28	<u>25</u>
	<i>EPA Handler ID: MID985652627</i>			
2020 COMMUNICATIONS	106 N 4TH AVE ANN ARBOR MI 48104	SSE	0.11 / 596.85	<u>26</u>
	<i>EPA Handler ID: MIK738994573</i>			
FIRST MARTIN CORPORATION	120 W HURON ST ANN ARBOR MI 48104	SW	0.14 / 717.86	<u>32</u>
	<i>EPA Handler ID: MIK136675556</i>			
MI DEPT/TRANSPORTATION	194 UNDER US 23 NB/SB ANN ARBOR MI 48106	SSW	0.14 / 727.48	<u>33</u>
	<i>EPA Handler ID: MIK232181370</i>			
RO AN REALITY CO	208 W HURON ST ANN ARBOR MI 48104	SW	0.18 / 932.27	<u>47</u>
	<i>EPA Handler ID: MID985661651</i>			
COMERICA INC	312-314 E HURON ST ANN ARBOR MI 48104	SE	0.18 / 970.41	<u>51</u>
	<i>EPA Handler ID: MIP200000569</i>			
AMERITECH CORP	324 E HURON ST ANN ARBOR MI 48104	SE	0.20 / 1,046.50	<u>58</u>
	<i>EPA Handler ID: MIT270011018</i>			
WEST WASHINGTON STREET ASSOCIATES	112 W WASHINGTON ST ANN ARBOR MI 48104	SW	0.20 / 1,050.21	<u>61</u>
	<i>EPA Handler ID: MIR000006551</i>			
BANK OF ANN ARBOR	125 S FIFTH ST ANN ARBOR MI 48104	SE	0.21 / 1,103.79	<u>63</u>
	<i>EPA Handler ID: MIK114491715</i>			
GREAT COPY CO	110 E WASHINGTON ST ANN ARBOR MI 48104	SSW	0.21 / 1,112.23	<u>65</u>
	<i>EPA Handler ID: MID091606947</i>			
ANN ARBOR GREEN PROPERTY OWNER	413 E HURON ANN ARBOR MI 48103	ESE	0.24 / 1,243.61	<u>71</u>
	<i>EPA Handler ID: MIK163198677</i>			
ASHLEY GROUP LLC	213-215 S ASHLEY ST ANN ARBOR MI 48104	SSW	0.25 / 1,303.23	<u>78</u>
	<i>EPA Handler ID: MIK939489498</i>			

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
THERMO ANALYTICAL ENVR RESEACH GROUP	117 N 1ST ST ANN ARBOR MI 48104 <i>EPA Handler ID: MID981961550</i>	WSW	0.21 / 1,109.97	64
544 DETROIT STREET LLC	544 DETROIT ST ANN ARBOR MI 48104 <i>EPA Handler ID: MIK141651558</i>	ENE	0.23 / 1,228.95	69

FED BROWNFIELDS - The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database

A search of the FED BROWNFIELDS database, dated Sep 13, 2022 has found that there are 8 FED BROWNFIELDS 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>
121 E. Catherine St	121 East Catherine Street ANN ARBOR MI 48104 <i>Property ID: 252612</i>	SE	0.00 / 0.00	2
312 & 314 Detroit Street and 303 North Fifth Street	312 & 314 Detroit Street and 303 North Fifth Street ANN ARBOR MI 48104 <i>Property ID: 250691</i>	E	0.05 / 280.81	10
200 South Ashley Street	200 South Ashley Street Ann Arbor MI 48104 <i>Property ID: 21901</i>	SW	0.24 / 1,269.52	73
202 and 212 South Division	202 and 212 South Division City of Ann Arbor MI 48104 <i>Property ID: 82001</i>	SE	0.26 / 1,393.19	82
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
226 West Liberty	226 West Liberty Ann Arbor MI 48104 <i>Property ID: 37481</i>	SW	0.29 / 1,535.50	91
Former DPW Yard (AA)	721 N. Main Street Ann Arbor MI 48103 <i>Property ID: 159685</i>	NNW	0.30 / 1,578.16	97
Blank Slate Creamery	300 W. Liberty Ann Arbor MI 48103 <i>Property ID: 169918</i>	SW	0.32 / 1,681.47	112
800 North Main Street	800 North Main Street Ann Arbor MI 48104 <i>Property ID: 12387</i>	N	0.34 / 1,797.53	122

State

SHWS - Part 201 Site List

A search of the SHWS database, dated May 2, 2023 has found that there are 61 SHWS site(s) within approximately 1.00 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>
303 North 5th Street 312 and 314 Detroit Street, Ann Arbor	303 N Fifth Street 312 and 314 Detroit, Ann Arbor, MI, 48104 MI	E	0.06 / 308.00	<u>12</u>
204 W Huron	204 W Huron, MI, 48104 MI	WSW	0.15 / 803.64	<u>39</u>
125 South Main Street, Ann Arbor	125 South Main, Ann Arbor, MI, 48104 MI	SSW	0.18 / 932.41	<u>48</u>
101 East Washington and 125 South Main Street, Ann Arbor	101 East Washington, Ann Arbor, MI, 48104 MI	SSW	0.20 / 1,037.53	<u>56</u>
200 S Ashley	200 S Ashley, MI, 48104 MI	SW	0.24 / 1,269.52	<u>73</u>
202 S Division	202 S Division, MI, 48104 MI	SE	0.27 / 1,411.74	<u>84</u>
202 & 212 S Division	202 & 212 S Division, MI, 48104 MI	SE	0.27 / 1,411.77	<u>85</u>
401 & 411 E Washington	401 & 411 East Washington Street, Ann Arbor, MI, 48104 MI	SE	0.27 / 1,421.82	<u>87</u>
411 East Washington St	411 East Washington Street, Ann Arbor, MI, 48104 MI	SE	0.28 / 1,464.94	<u>88</u>
314 South Fourth Street	314 South Fourth Avenue, Ann Arbor, MI, 48104 MI	S	0.30 / 1,576.24	<u>96</u>
331 S Fourth & 350 S Fifth	331 S Fourth & 350 S Fifth, MI, 48104 MI	S	0.33 / 1,760.92	<u>120</u>
350 South Fifth Avenue	350 South 5th Avenue, Ann Arbor, MI, 48104 MI	S	0.36 / 1,889.55	<u>128</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
H & K Campus Properties	212 - 216 South State Street, Ann Arbor, MI, 48104 MI	ESE	0.39 / 2,059.21	140
1010 Catherine	1010 Catherine, MI, 48104 MI	E	0.56 / 2,951.16	174
215 Glen Ave	215 Glen Ave, MI, 48104 MI	E	0.58 / 3,087.19	177
615/617 East University Ave. & 612 & 616 Church St.	615/617 East University Ave. & 612 & 61, 6 Church St., MI, 48104 MI	SE	0.87 / 4,578.99	212
1213 South University Avenue	1213 South University Avenue, Ann Arbor, MI, 48104 MI	ESE	0.88 / 4,662.68	216
1215 South Universtity Avenue	1215 South Universtity Avenue, Ann Arbor , MI, 48104 MI	ESE	0.90 / 4,737.37	219
601 S. Forest	601 S. Forest, Ann Arbor, MI, 48104 MI	ESE	0.93 / 4,906.49	223
327 E Hoover	327 E Hoover, MI, 48104 MI	S	0.95 / 5,015.06	225
1500 Jackson Road, Ann Arbor	1500 Jackson Road, Ann Arbor, MI, 48103 MI	W	0.97 / 5,105.56	226
<u>Lower Elevation</u>				
110 Miller	110 Miller Avenue, Ann Arbor, MI, 48104 MI	W	0.08 / 421.06	17
202 Miller Avenue	202 MILLER AVE, Ann Arbor, MI, 48104 MI	W	0.11 / 574.23	23
206 210 Miller Avenue & 307 309 North Ashley Street	206 210 Miller Avenue, & 307 309 North Ashley Street, Ann Arbor, MI, 48103 MI	W	0.12 / 625.37	28

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
521, 525 & 529 Detroit Street	521, 525 & 529 Detroit Street, Ann Arbor, MI, 48104 MI	NE	0.20 / 1,049.84	<u>60</u>
391 and 401 Miller Road	391 and 401 Miller Road, MI, 48104 MI	W	0.20 / 1,055.47	<u>62</u>
221 Felch Street	221 Felch Street, MI, 48103 MI	NW	0.23 / 1,202.20	<u>68</u>
544 Detroit Redevelopment Project	544 Detroit Street, Ann Arbor, MI, 48104 MI	ENE	0.23 / 1,228.95	<u>69</u>
721 North Main Street	721 N MAIN ST, ANN ARBOR, MI, 48104 MI	NNW	0.30 / 1,578.16	<u>97</u>
325 East Summit Street	325 East Summit Street, Ann Arbor, MI, 48104 MI	NE	0.30 / 1,585.78	<u>99</u>
626 - 724 North Main Street	626 - 724 North Main Street, Ann Arbor, MI, 48104 MI	N	0.30 / 1,602.07	<u>102</u>
221 W Liberty St	221 W LIBERTY ST, ANN ARBOR, MI, 48104 MI	SW	0.31 / 1,629.99	<u>105</u>
300 West Liberty Street	300 West Liberty Street, Ann Arbor, MI, 48103 MI	SW	0.32 / 1,676.18	<u>110</u>
Mich Con - Beakes Street	320 340 Depot Street & 325 Summit Street, Ann Arbor, MI, 48104 MI	NE	0.32 / 1,680.38	<u>111</u>
396-424 W. Washington/AnnArbor YMCA	396-424 W. Washington St., Ann Arbor, MI, 48103 MI	WSW	0.34 / 1,769.44	<u>121</u>
Eaton Corporation - Ann Arbor	315 South First St, Ann Arbor, MI, 48103 MI	SW	0.36 / 1,913.11	<u>131</u>
Allen Creek Drain	912 N Main St, Ann Arbor, MI, 48104 MI	N	0.40 / 2,096.13	<u>143</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
815 Wildt St	815 Wildt St., Ann Arbor, MI, 48103 MI	N	0.40 / 2,098.81	<u>144</u>
Mich Con	841 Broadway Street, Ann Arbor, MI, 48105 MI	NE	0.45 / 2,389.95	<u>160</u>
DTE Energy - Ann Arbor Service Center	982 BROADWAY ST, ANN ARBOR, MI, 48105 MI	NE	0.51 / 2,693.15	<u>166</u>
507-511 S. Ashley	507-511 S. Ashley, Ann Arbor, MI, 48103 MI	SSW	0.52 / 2,759.58	<u>168</u>
990 Broadway St	990 Broadway St, MI, 48105 MI	NE	0.54 / 2,865.46	<u>170</u>
521 South Ashley Street	521 South Ashley Street, Ann Arbor, MI, 48104 MI	SSW	0.54 / 2,866.88	<u>171</u>
Argus II Building	400 4th Street, Ann Arbor, MI, 48103 MI	SW	0.55 / 2,925.00	<u>172</u>
1012 Pontiac St	1012 Pontiac St, MI, 48105 MI	NE	0.57 / 3,030.08	<u>175</u>
1031 Broadway	1031 Broadway, Ann Arbor, MI, 48105 MI	NE	0.61 / 3,200.17	<u>181</u>
551 S. 4th Avenue	551 S. 4th Avenue, Ann Arbor, MI, 48104 MI	S	0.61 / 3,218.23	<u>182</u>
552 - 564 S Main St	552 - 564 S Main St, MI, 48104 MI	S	0.61 / 3,221.68	<u>183</u>
Lansky Scrapyard	1100 N MAIN ST, ANN ARBOR, MI, 48104 MI	N	0.63 / 3,317.64	<u>186</u>
999 Maiden Lane	999 Maiden Lane, MI, 48105 MI	ENE	0.68 / 3,589.53	<u>193</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Broadway Coin Laundry	1120 Broadway Street, Ann Arbor, MI, 48105 MI	NE	0.68 / 3,602.21	194
Medical Center Court Apartments	1005 Maiden Lane, Ann Arbor, MI, 48105 MI	ENE	0.69 / 3,639.93	195
Former Carwash Building	633 S Main ST, Ann Arbor, MI, 48104 MI	S	0.70 / 3,693.42	199
Fox Tent & Awning Company	618 S. Main Street, Ann Arbor, MI, 48103 MI	S	0.70 / 3,714.74	200
637 S. Main Street	637 S. Main Street, Ann Arbor, MI, 48103 MI	S	0.71 / 3,763.99	201
Armen Cleaners	630 South Ashley Street, Ann Arbor, MI, 48103 MI	SSW	0.73 / 3,835.47	204
Island Drive Apartments	1099 Maiden Lane, Ann Arbor, MI, 48105 MI	ENE	0.73 / 3,853.23	206
127 Adams Ave	127 Adams Ave, MI, 48933 MI	S	0.74 / 3,918.71	207
Lotus Engineering	1254 North Main Street, Ann Arbor, MI, 48104 MI	N	0.81 / 4,278.77	210
1327 Jones Dr	1327 Jones Dr, MI, 48105 MI	NE	0.89 / 4,719.42	218
Univ of Mich Hospital Fuller Rd	Fuller Rd., Ann Arbor, MI, 48103 MI	E	0.91 / 4,826.33	221

DELISTED CONTAM - Delisted Contaminated Sites

A search of the DELISTED CONTAM database, dated Jul 24, 2018 has found that there are 1 DELISTED CONTAM site(s) within approximately 1.00 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>
ANN ARBOR, MONTGOMERY PUMPING STATION	432 MONTGOMERY ANN ARBOR MI 48103	WSW	0.91 / 4,817.60	220

DELISTED SHWS - Delisted Hazardous and BEA Sites

A search of the DELISTED SHWS database, dated May 2, 2023 has found that there are 10 DELISTED SHWS site(s) within approximately 1.00 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>
Ann Arbor Art Center (Fmr. Std Oil)	MI	WNW	0.31 / 1,651.28	107
212 - 216 South State Street	212 - 216 South State Street, Ann Arbor, MI, 48104 MI	ESE	0.38 / 1,999.86	134
212 - 216 South State Street	MI	ESE	0.38 / 1,999.86	134

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Ann Arbor Art Center (Fmr. Std Oil)	220 Felch St. Ann Arbor MI	NW	0.24 / 1,250.36	72
700 North Main Street	700 North Main Street Ann Arbor MI 48104	N	0.25 / 1,334.79	79
502 S Main St	502 S Main St, MI, 48103 MI 48103	SSW	0.51 / 2,667.24	165
502 South Main Street, Ann Arbor	502 South Main Street Ann Arbor MI 48104	SSW	0.51 / 2,667.24	165
400 4th Street - Argus II Building	MI	SW	0.52 / 2,745.66	167
400 4th Street - Argus II Building	400 Fourth St Ann Arbor MI 48103	SW	0.55 / 2,925.00	172
Commercial Property	613, 617 & 715 South Fifth Ave 00021201 Ann Arbor MI 48104	S	0.69 / 3,643.54	197

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
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WASTE - Waste Data System

A search of the WASTE database, dated Aug 21, 2023 has found that there are 114 WASTE 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>
AMOCO OIL CO 5172	300 N MAIN ST ANN ARBOR MI 48104	W	0.02 / 89.35	<u>5</u>
MARKETPLACE	303 DETROIT ST ANN ARBOR MI 48104	E	0.02 / 92.18	<u>6</u>
WASHTENAW COUNTY SOLID WASTE DIVISION	220 N MAIN ST ANN ARBOR MI 48103	WSW	0.04 / 227.93	<u>9</u>
M A V DEVELOPMENT CO	314 DETROIT ST ANN ARBOR MI 48104	E	0.06 / 309.03	<u>13</u>
WASHTENAW COUNTY	200 NORTH MAIN, P.O. BOX 8645 ANN ARBOR MI 48107	SW	0.06 / 311.06	<u>14</u>
ANN ARBOR ARMORY	223 E ANN ST ANN ARBOR MI 48104	SE	0.07 / 380.33	<u>15</u>
SHEESH	207 N MAIN ST ANN ARBOR MI 48154	WSW	0.07 / 391.42	<u>16</u>
GENOA HEALTHCARE	110 N 4TH AVE ANN ARBOR MI 48104	SSE	0.10 / 540.76	<u>21</u>
WASHTENAW COUNTY DRAIN COMM	110 N 4TH AVE ANN ARBOR MI 48104	SSE	0.10 / 540.76	<u>21</u>
CITY OF ANN ARBOR	111 N MAIN ST ANN ARBOR MI 48104	SW	0.11 / 596.28	<u>25</u>
2020 COMMUNICATIONS	106 N 4TH AVE ANN ARBOR MI 48104	SSE	0.11 / 596.85	<u>26</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
CITY OF ANN ARBOR FIRE DEPT	111 N 5TH AVE ANN ARBOR MI 48104	SE	0.11 / 602.34	<u>27</u>
CUSHMAN & WAKEFIELD	101 N MAIN ST ANN ARBOR MI 48104	SW	0.12 / 653.98	<u>29</u>
CISCO SYSTEMS INC ANN ARBOR (ARB01)	123 N ASHLEY ST ANN ARBOR MI 48104	WSW	0.13 / 708.51	<u>31</u>
120 WEST HURON PROPERTY	120 W HURON ST ANN ARBOR MI 48104	SW	0.14 / 717.86	<u>32</u>
MIDOT BRIDGE S08-81062	I 94 UNDER US 23 NB/SB ANN ARBOR MI 48106	SSW	0.14 / 727.48	<u>33</u>
CITY OF ANN ARBOR CITY HALL	100 N 5TH AVE ANN ARBOR MI 48104	SE	0.15 / 773.15	<u>36</u>
ANN ARBOR COMPOST AREA	100 N 5TH AVE ANN ARBOR MI 48104	SE	0.15 / 773.15	<u>36</u>
NATIONAL CITY BANK	101 S MAIN ST ANN ARBOR MI 48104	SSW	0.15 / 785.08	<u>37</u>
KELLY OIL CO	206 E HURON STREET ANN ARBOR MI 48104	S	0.15 / 802.03	<u>38</u>
WASHTENAW COUNTY FACILITY MGMT	101 W HURON ANN ARBOR MI 48104	SSW	0.15 / 814.36	<u>40</u>
ANN ARBOR SCHOOLS	401 N DIVISION ST ANN ARBOR MI 48104	E	0.17 / 916.47	<u>46</u>
RO AN REALITY CO	208 W HURON ST ANN ARBOR MI 48104	SW	0.18 / 932.27	<u>47</u>
NBD	125 S MAIN ST ANN ARBOR MI 48104	SSW	0.18 / 932.41	<u>48</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
COMERICA INC	312-314 E HURON ST ANN ARBOR MI 48104	SE	0.18 / 970.41	51
FLOW SERVICES	S DIVISION & ANN ARBOR ANN ARBOR MI 48108	ESE	0.19 / 1,009.42	52
MCLEAN & ASSOCIATES	505 N DIVISION ST ANN ARBOR MI 48104	ENE	0.19 / 1,017.26	53
AMERITECH CORP	324 E HURON ST ANN ARBOR MI 48104	SE	0.20 / 1,046.50	58
WEST WASHINGTON STREET ASSOCIATES	112 W WASHINGTON ST ANN ARBOR MI 48104	SW	0.20 / 1,050.21	61
BANK OF ANN ARBOR	125 S FIFTH ST ANN ARBOR MI 48104	SE	0.21 / 1,103.79	63
GREAT COPY CO	110 E WASHINGTON ST ANN ARBOR MI 48104	SSW	0.21 / 1,112.23	65
AMERITECH	323 E WASHINGTON ST ANN ARBOR MI 48104	SE	0.22 / 1,139.76	66
BOOTH NEWSPAPERS INC ANN ARBOR NEWS	340 E HURON ST ANN ARBOR MI 48104	SE	0.23 / 1,229.32	70
ANN ARBOR GREEN PROPERTY OWNER	413 E HURON ANN ARBOR MI 48103	ESE	0.24 / 1,243.61	71
BUDGET RENT A CAR	200 S ASHLEY ST ANN ARBOR MI 48104	SW	0.24 / 1,269.52	73
FIRESTONE TIRE & SERVICE CENTER #2532	402 E HURON ST ANN ARBOR MI 48104	ESE	0.24 / 1,279.26	75
ASHLEY GROUP LLC	213-215 S ASHLEY ST ANN ARBOR MI 48104	SSW	0.25 / 1,303.23	78

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
INTERNATIONAL MINUTE PRESS	301 E LIBERTY ST ANN ARBOR MI 48104	SSE	0.26 / 1,347.28	<u>80</u>
SEVA INC	314 E LIBERTY ST ANN ARBOR MI 48104	SSE	0.29 / 1,507.71	<u>90</u>
ANN ARBOR SCHOOLS	530 ELIZABETH ST ANN ARBOR MI 48104	ENE	0.30 / 1,606.77	<u>103</u>
BUREAU OF ATF	200 E LIBERTY ST ANN ARBOR MI 48104	S	0.31 / 1,622.63	<u>104</u>
OIL RESORT LLC	200 E LIBERTY ST. ANN ARBOR MI 48104	S	0.31 / 1,622.63	<u>104</u>
GREAT LAKES BANCORP	401 E LIBERTY ST ANN ARBOR MI 48104	SE	0.32 / 1,693.94	<u>115</u>
PRICKLY PEAR RESTAURANT	328 S MAIN ST ANN ARBOR MI 48104	SSW	0.33 / 1,737.94	<u>117</u>
REPUBLIC PARKING SYSTEM	510 E WASHINGTON ST ANN ARBOR MI 48104	SE	0.33 / 1,760.83	<u>119</u>
GILES RENTAL PROPERTY	118 N STATE ST ANN ARBOR MI 48104	ESE	0.34 / 1,799.50	<u>123</u>
SIR SPEEDY	350 S MAIN ST ANN ARBOR MI 48104	SSW	0.36 / 1,879.69	<u>127</u>
ANN ARBOR YMCA	350 S 5TH AVE ANN ARBOR MI 48104	S	0.36 / 1,889.55	<u>128</u>
MIDOT S05-81062 I-94 UND STATE RD	I 94 UNDER STATE RD ANN ARBOR MI 48106	ESE	0.36 / 1,898.55	<u>129</u>
NECTO LLC	516 E LIBERTY ST ANN ARBOR MI 48104	SE	0.37 / 1,961.57	<u>132</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
H AND K CAMPUS PROPERTIES (VACANT PROPERTY)	212 - 216 STATE ST ANN ARBOR MI 48104	ESE	0.38 / 1,999.86	134
G AND S METALS	212 S STATE ST ANN ARBOR MI 48104	ESE	0.38 / 1,999.86	134
ARGUS BUILDING	400 S 4TH ST ANN ARBOR MI 48103	S	0.38 / 2,019.15	136
MICHIGAN THEATRE	603 E LIBERTY ST ANN ARBOR MI 48104	SE	0.38 / 2,020.20	137
SOUTH MAIN BP	402 S MAIN ST ANN ARBOR MI 48104	SSW	0.39 / 2,077.05	142
CITY OF ANN ARBOR	410 S MAIN ST ANN ARBOR MI 48107	SSW	0.40 / 2,099.20	145
JACOBSONS	612 E LIBERTY ST ANN ARBOR MI 48104	SE	0.40 / 2,136.41	146
CITY OF ANN ARBOR	324 MAYNARD ST ANN ARBOR MI 48104	SE	0.41 / 2,140.26	147
CVS PHARMACY #3584	209 S STATE ST ANN ARBOR MI 48104	ESE	0.42 / 2,202.10	148
ST MARYS CHURCH	331 THOMPSON ST ANN ARBOR MI 48104	SE	0.43 / 2,261.43	150
GOLD BOND CLEANERS INC	332 MAYNARD ST ANN ARBOR MI 48104	SE	0.43 / 2,286.02	152
DTE ANN ARBOR CENTER	425 S MAIN ST ANN ARBOR MI 48104	S	0.43 / 2,289.24	153
TARGET STORE T3415	231 S STATE ST ANN ARBOR MI 48104	ESE	0.44 / 2,299.66	154

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
TOWER PLAZA	555 E WILLIAM ST ANN ARBOR MI 48104	SE	0.45 / 2,388.03	<u>159</u>
U OF M NORTH INGALLS BUILDING	300 N INGALLS ST ANN ARBOR MI 48109	E	0.46 / 2,420.42	<u>161</u>
MAPLE TOWER LDHA LP	727 MILLER AVE ANN ARBOR MI 48103	WNW	0.46 / 2,427.59	<u>162</u>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
VLASIC & CO	201 E CATHERINE ST ANN ARBOR MI 48104	ENE	0.01 / 78.61	<u>3</u>
EUREKA CLEANERS	308 N MAIN ST ANN ARBOR MI 48104	WNW	0.02 / 87.45	<u>4</u>
U OF M COMMUNITY DENTAL CTR	406 N ASHLEY ANN ARBOR MI 48103	WNW	0.09 / 488.69	<u>20</u>
RECYCLE ANN ARBOR	417 DETROIT ST ANN ARBOR MI 48104	ENE	0.11 / 557.42	<u>22</u>
FLYING DUTCHMAN	540 DETROIT ST ANN ARBOR MI 48104	ENE	0.15 / 818.06	<u>41</u>
PALOMA GALLERY	500 DETROIT ST ANN ARBOR MI 48104	ENE	0.17 / 887.90	<u>43</u>
SHEFFIELD PHARMACEUTICALS	330 MILLER AVE ANN ARBOR MI 48103	W	0.18 / 949.04	<u>49</u>
ROSS-BEAKES COLLISION	314 W ANN ST ANN ARBOR MI 48104	WSW	0.18 / 964.34	<u>50</u>
B & H INVESTMENTS	221 FELCH ST ANN ARBOR MI 48103	NW	0.20 / 1,047.02	<u>59</u>
BEAL CONSTRUCTION SERVICES INC	221 FELCH ST ANN ARBOR MI 48103	NW	0.20 / 1,047.02	<u>59</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
MAYNARD BATTERY & AUTO	401 MILLER AVE ANN ARBOR MI 48103	W	0.20 / 1,055.47	<u>62</u>
THERMO ANALYTICAL ENVR RESEACH GROUP	117 N 1ST ST ANN ARBOR MI 48104	WSW	0.21 / 1,109.97	<u>64</u>
544 DETROIT STREET LLC	544 DETROIT ST ANN ARBOR MI 48104	ENE	0.23 / 1,228.95	<u>69</u>
C B DEVELOPMENT	220 FELCH ST ANN ARBOR MI 48103	NW	0.24 / 1,250.36	<u>72</u>
BILL MUNCY SERVICE	423 MILLER AVE ANN ARBOR MI 48103	W	0.24 / 1,277.31	<u>74</u>
AUTO STRASSE LTD	617 DETROIT ST ANN ARBOR MI 48104	NE	0.26 / 1,368.10	<u>81</u>
ILLIS AUTO SERVICE	401 W HURON ST ANN ARBOR MI 48103	WSW	0.28 / 1,476.69	<u>89</u>
PAINTERS SUPPLY & EQUIP CO	211 W LIBERTY ST ANN ARBOR MI 48104	SW	0.29 / 1,553.69	<u>93</u>
ANN ARBOR IMPLEMENT	210 S 1ST ST ANN ARBOR MI 48104	SW	0.29 / 1,556.36	<u>94</u>
IN DOOR COMFORT	416 W HURON ST ANN ARBOR MI 48103	WSW	0.30 / 1,560.29	<u>95</u>
CITY OF ANN ARBOR MUNICIPAL GARAGE	721 N MAIN ST ANN ARBOR MI 48104	NNW	0.30 / 1,578.16	<u>97</u>
OTIS ELEVATOR	404 W WASHINGTON ST ANN ARBOR MI 48103	WSW	0.31 / 1,654.65	<u>108</u>
ANN ARBOR YMCA	400 W WASHINGTON ST ANN ARBOR MI 48103	WSW	0.32 / 1,689.26	<u>113</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
ECONO CAR INC	438 W HURON ST ANN ARBOR MI 48103	WSW	0.32 / 1,691.32	114
DTE MICHIGAN BEAKE ST MGP (REM 8.5.2)	340 DEPOT ST ANN ARBOR MI 48104	NE	0.32 / 1,711.90	116
CITY OF ANN ARBOR	415 W WASHINGTON ST ANN ARBOR MI 48103	WSW	0.33 / 1,742.71	118
CITY OF ANN ARBOR PARKS SERVICE HEADQUARTERS	415 W WASHINGTON ST ANN ARBOR MI 48103	WSW	0.33 / 1,742.71	118
ANN ARBOR CIRCUITS INC	424 W WASHINGTON ST ANN ARBOR MI 48103	WSW	0.34 / 1,769.44	121
C & J BODY SHOP	124 W SUMMIT ST ANN ARBOR MI 48103	N	0.34 / 1,806.91	124
MORNINGSIDE ANN ARBOR LLC	305 W LIBERTY ST ANN ARBOR MI 48103	SW	0.35 / 1,841.68	126
FIRST MARTIN CORP	115 DEPOT ST ANN ARBOR MI 48104	N	0.36 / 1,901.13	130
LIBERTY LOFTS	315 S 1ST ST ANN ARBOR MI 48104	SW	0.36 / 1,913.11	131
SUN OIL CO	325 W LIBERTY ST ANN ARBOR MI 48103	SW	0.37 / 1,977.51	133
1ST STOP TIRE SERVICE	907 N MAIN ST ANN ARBOR MI 48104	N	0.38 / 2,003.44	135
ARMORTHANE OF MICHIGAN LLC	907 N MAIN ST ANN ARBOR MI 48104	N	0.38 / 2,003.44	135
ANN ARBOR AUTO SERVICE INC	907 N MAIN ST ANN ARBOR MI 48104	N	0.38 / 2,003.44	135

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
FULLSERVE INC	603 W HURON ST ANN ARBOR MI 48103	WSW	0.38 / 2,024.45	138
MAIN ST MOTORS	906 N MAIN ST ANN ARBOR MI 48104	N	0.38 / 2,025.89	139
SHEFFIELD PHARMACEUTICALS	912 N MAIN ST ANN ARBOR MI 48104	N	0.40 / 2,096.13	143
ANN ARBOR BEARING & MFG CO	815 WILDT ST ANN ARBOR MI 48103	N	0.40 / 2,098.81	144
MOLECULAR THERAPEUTICS INC	924 N MAIN ST ANN ARBOR MI 48104	N	0.43 / 2,270.65	151
SPARTAN TIRE	936 N MAIN ST ANN ARBOR MI 48104	N	0.44 / 2,316.55	155
BIOTECTIX LLC	940 N MAIN ST ANN ARBOR MI 48104	N	0.45 / 2,382.11	158
DTE BROADWAY STATION	841 BROADWAY ST ANN ARBOR MI 48105	NE	0.45 / 2,389.95	160
WASHTENAW COUNTY DRAIN COMM	841 BROADWAY ST ANN ARBOR MI 48105	NE	0.45 / 2,389.95	160
MICHIGAN CONSOLIDATED GAS CO	841 BROADWAY CENTER ANN ARBOR MI 48105	NE	0.45 / 2,389.95	160
CITY OF ANN ARBOR BRIDGE B01-81102	BROADWAY OVER HURON RIVER ANN ARBOR MI 48107	NE	0.49 / 2,576.37	163
ARGUS BUILDING	535 W. WILLIAMS ST ANN ARBOR MI 48103	SW	0.49 / 2,588.28	164

LUST - Leaking Underground Storage Tank

A search of the LUST database, dated May 22, 2023 has found that there are 28 LUST 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>
University Fuel Mart	300 N Main St Ann Arbor MI <i>Facility ID: 00005725</i>	W	0.02 / 89.35	<u>5</u>
De Long Bbq Pit	314 DETROIT ST ANN ARBOR MI <i>Facility ID: 00040666</i>	E	0.06 / 309.03	<u>13</u>
Ann Arbor Fire Dept	111 N 5th Ave Ann Arbor MI <i>Facility ID: 00012808</i>	SE	0.11 / 602.34	<u>27</u>
City of Ann Arbor	100 N 5TH AVE ANN ARBOR MI <i>Facility ID: 00010246</i>	SE	0.15 / 773.15	<u>36</u>
Comerica Bank	300 E HURON ST ANN ARBOR MI <i>Facility ID: 00035726</i>	SE	0.17 / 896.90	<u>44</u>
Ashley Terrance Development	208 W HURON ST ANN ARBOR MI <i>Facility ID: 00041872</i>	SW	0.18 / 932.27	<u>47</u>
Comerica Bank	312 E HURON ST ANN ARBOR MI <i>Facility ID: 00035696</i>	SE	0.18 / 970.41	<u>51</u>
Budget Rent A Car	200 S ASHLEY ST ANN ARBOR MI <i>Facility ID: 00037272</i>	SW	0.24 / 1,269.52	<u>73</u>
Ann Arbor CO (M65110)	324 E WASHINGTON ST ANN ARBOR MI <i>Facility ID: 00011653</i>	SE	0.24 / 1,282.31	<u>76</u>
Campus Auto	202 S Division St Ann Arbor MI <i>Facility ID: 00038007</i>	SE	0.26 / 1,393.19	<u>82</u>
Former Max Goldman Trust Property	212 S STATE ST ANN ARBOR MI <i>Facility ID: 00038476</i>	ESE	0.38 / 1,999.86	<u>134</u>
Main Street Convenience Inc.	402 S Main St Ann Arbor MI <i>Facility ID: 00005811</i>	SSW	0.39 / 2,077.05	<u>142</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Main Street Gas Station	428 S MAIN ST ANN ARBOR MI <i>Facility ID: 00033752</i>	SSW	0.45 / 2,357.10	<u>156</u>
North Ingalls Building	400 N INGALLS ST ANN ARBOR MI <i>Facility ID: 00034887</i>	E	0.45 / 2,371.24	<u>157</u>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Beakes Street Service Station	101 BEAKES ST ANN ARBOR MI <i>Facility ID: 00010245</i>	NNW	0.09 / 476.73	<u>18</u>
NRT	202 MILLER AVE Ann Arbor MI <i>Facility ID: 10000227</i>	W	0.11 / 574.23	<u>23</u>
Dale Krull Const	221 FELCH ST ANN ARBOR MI <i>Facility ID: 00036137</i>	NW	0.20 / 1,047.02	<u>59</u>
Wcp Investments Partnership	117 N 1ST ST ANN ARBOR MI <i>Facility ID: 00035012</i>	WSW	0.21 / 1,109.97	<u>64</u>
C.b Development	220 FELCH ST ANN ARBOR MI <i>Facility ID: 00020892</i>	NW	0.24 / 1,250.36	<u>72</u>
Bill Muncys Service	423 Miller Ave Ann Arbor MI <i>Facility ID: 00037093</i>	W	0.24 / 1,277.31	<u>74</u>
Arcure Motors	617 DETROIT ST ANN ARBOR MI <i>Facility ID: 00017633</i>	NE	0.26 / 1,368.10	<u>81</u>
Illis Service	401 W HURON ST ANN ARBOR MI <i>Facility ID: 50001678</i>	WSW	0.28 / 1,476.69	<u>89</u>
Ann Arbor Implement Co	210 S 1ST ST ANN ARBOR MI <i>Facility ID: 00035555</i>	SW	0.29 / 1,556.36	<u>94</u>
City Garage	721 N MAIN ST ANN ARBOR MI <i>Facility ID: 00008427</i>	NNW	0.30 / 1,578.16	<u>97</u>
Liberty Street	221 W LIBERTY ST ANN ARBOR MI	SW	0.31 / 1,629.99	<u>105</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	<i>Facility ID: 50005381</i>			
Parks & Recreation Bldg	415 W WASHINGTON ST ANN ARBOR MI	WSW	0.33 / 1,742.71	118
	<i>Facility ID: 00008428</i>			
Melvin & Betty Lewis	800 N MAIN ST ANN ARBOR MI	N	0.34 / 1,797.53	122
	<i>Facility ID: 00041930</i>			
Broadway	841 BROADWAY ST ANN ARBOR MI	NE	0.45 / 2,389.95	160
	<i>Facility ID: 00013224</i>			

DELISTED LUST - Delisted Leaking Underground Storage Tank

A search of the DELISTED LUST database, dated May 22, 2023 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>
NRT (10000227)	202 MILLER AVE Ann Arbor MI	W	0.11 / 574.23	23

UST - Underground Storage Tank

A search of the UST database, dated Mar 8, 2023 has found that there are 17 UST site(s) within approximately 0.25 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>
University Fuel Mart	300 N MAIN ST ANN ARBOR MI 48104-1134	W	0.02 / 89.35	5
	<i>Facility ID: 00005725</i> <i>New Tank ID No Status: UTK-027205-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-118852-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-033547-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-067791-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-118851-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-067785-15 Licensing and Regulatory Affairs Underground Tank List (LARA)</i>			
De Long Bbq Pit	314 DETROIT ST ANN ARBOR MI 48104-1116	E	0.06 / 309.03	13
	<i>Facility ID: 00040666</i> <i>New Tank ID No Status: UTK-008833-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-106095-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-028914-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-106099-15 Licensing and Regulatory Affairs Underground Tank List (LARA)</i>			
Ann Arbor Fire Dept	111 N 5TH AVE ANN ARBOR MI 48104-1405	SE	0.11 / 602.34	27
	<i>Facility ID: 00012808</i> <i>New Tank ID No Status: UTK-018732-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-056901-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-003230-15 Licensing and Regulatory Affairs Underground Tank List (LARA)</i>			
City of Ann Arbor	100 N 5TH AVE ANN ARBOR MI 48104-5522	SE	0.15 / 773.15	36

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	Facility ID: 00010246 New Tank ID No Status: UTK-097822-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-002071-15 Licensing and Regulatory Affairs Underground Tank List (LARA)			
Comerica Bank	300 E HURON ST ANN ARBOR MI 48104-1909	SE	0.17 / 896.90	44
	Facility ID: 00035726 New Tank ID No Status: UTK-065072-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-026926-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-065069-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-006790-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-010022-15 Licensing and Regulatory Affairs Underground Tank List (LARA)			
Ashley Terrance Development	208 W HURON ST ANN ARBOR MI 48104-1319	SW	0.18 / 932.27	47
	Facility ID: 00041872 New Tank ID No Status: UTK-121992-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-121872-15 Licensing and Regulatory Affairs Underground Tank List (LARA)			
Comerica Bank	312 E HURON ST ANN ARBOR MI 48104-1909	SE	0.18 / 970.41	51
	Facility ID: 00035696 New Tank ID No Status: UTK-054769-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-026526-15 Licensing and Regulatory Affairs Underground Tank List (LARA)			
Budget Rent A Car	200 S ASHLEY ST ANN ARBOR MI 48104-1349	SW	0.24 / 1,269.52	73
	Facility ID: 00037272 New Tank ID No Status: UTK-012783-15 Licensing and Regulatory Affairs Underground Tank List (LARA)			
Fireston Store #2532/006130	402 E HURON ST ANN ARBOR MI 48104-1521	ESE	0.24 / 1,279.26	75
	Facility ID: 00000424 New Tank ID No Status: UTK-093857-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-039502-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-093866-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-032036-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-093861-15 Licensing and Regulatory Affairs Underground Tank List (LARA)			
Ann Arbor CO (M65110)	324 E WASHINGTON ST ANN ARBOR MI 48104-2010	SE	0.24 / 1,282.31	76
	Facility ID: 00011653 New Tank ID No Status: UTK-046998-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-012326-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-055352-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-032767-15 Licensing and Regulatory Affairs Underground Tank List (LARA)			
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Beakes Street Service Station	101 BEAKES ST ANN ARBOR MI 48104-1009	NNW	0.09 / 476.73	18
	Facility ID: 00010245 New Tank ID No Status: UTK-002054-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-005491-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-097945-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-097940-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-097960-15 Licensing and Regulatory Affairs Underground Tank List (LARA)			
NRT	202 MILLER AVE Ann Arbor MI 48104	W	0.11 / 574.23	23
	Facility ID: 10000227 New Tank ID No Status: UTK-000328-18 Licensing and Regulatory Affairs Underground Tank List (LARA)			

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Ro-an Realty Co	218 W HURON ST ANN ARBOR MI 48104-1319	WSW	0.20 / 1,042.98	57
<i>Facility ID: 00036339</i> <i>New Tank ID No Status: UTK-008663-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-007141-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-019659-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-014680-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-099673-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-000948-15 Licensing and Regulatory Affairs Underground Tank List (LARA)</i>				
Dale Krull Const	221 FELCH ST ANN ARBOR MI 48103-3369	NW	0.20 / 1,047.02	59
<i>Facility ID: 00036137</i> <i>New Tank ID No Status: UTK-072942-15 Licensing and Regulatory Affairs Underground Tank List (LARA)</i>				
Wcp Investments Partnership	117 N 1ST ST ANN ARBOR MI 48104-1354	WSW	0.21 / 1,109.97	64
<i>Facility ID: 00035012</i> <i>New Tank ID No Status: UTK-083109-15 Licensing and Regulatory Affairs Underground Tank List (LARA)</i>				
C.b Development	220 FELCH ST ANN ARBOR MI 48103-3392	NW	0.24 / 1,250.36	72
<i>Facility ID: 00020892</i> <i>New Tank ID No Status: UTK-057441-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-057436-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-015504-15 Licensing and Regulatory Affairs Underground Tank List (LARA), UTK-026830-15 Licensing and Regulatory Affairs Underground Tank List (LARA)</i>				
Bill Muncys Service	423 MILLER AVE ANN ARBOR MI 48103-3339	W	0.24 / 1,277.31	74
<i>Facility ID: 00037093</i> <i>New Tank ID No Status: UTK-071158-15 Licensing and Regulatory Affairs Underground Tank List (LARA)</i>				

AUL - Engineering and Institutional Controls

A search of the AUL database, dated Apr 3, 2023 has found that there are 5 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>
Gelman Sciences Inc	600 South Wagner Road Scio Township MI 48103	NNE	0.00 / 0.00	1
Delong BBQ Pit	314 Detroit Street Ann Arbor City MI 48104	E	0.05 / 287.07	11
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Bill Muncys Service	423 Miller Avenue Ann Arbor City MI 48103	W	0.23 / 1,196.51	67
Eaton Corporation - Ann Arbor	315 South First Street Ann Arbor City MI 48103	SW	0.36 / 1,913.11	131

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Eaton Corporation - Ann Arbor	315 South First Street Ann Arbor MI 48103	SW	0.36 / 1,913.11	131

BROWNFIELDS - Brownfield Redevelopment Financing Act Sites

A search of the BROWNFIELDS database, dated Dec 22, 2020 has found that there are 17 BROWNFIELDS 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>
Zingerman's Deli	422 Detroit Street Ann Arbor MI	ENE	0.13 / 676.89	30
Zingerman's Deli	422 Detroit Street Ann Arbor MI	ENE	0.13 / 676.89	30
Zingerman's Deli	422 Detroit Street Ann Arbor MI	ENE	0.13 / 676.89	30
Zingerman's Deli	422 Detroit Street Ann Arbor MI	ENE	0.13 / 676.89	30
Zingerman's Deli	422 Detroit Street Ann Arbor MI 48104	ENE	0.13 / 676.89	30
Zingerman's Deli	422 Detroit Street Ann Arbor MI	ENE	0.13 / 676.89	30
Zingerman's Deli	422 Detroit Street Ann Arbor MI	ENE	0.13 / 676.89	30

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Kingsley Condominiums	221, 223 Felch Street, 214 West Kingsley Street Ann Arbor MI	WNW	0.17 / 914.47	45
221 Felch (Kingsley Condos)	221 Felch Street Ann Arbor MI	NW	0.20 / 1,047.02	59
221 Felch (Kingsley Condos)	221 Felch Street Ann Arbor MI	NW	0.20 / 1,047.02	59

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
544 Detroit Street	544 Detroit Street Ann Arbor MI	ENE	0.23 / 1,228.95	69
544 Detroit Street	544 Detroit Street Ann Arbor MI	ENE	0.23 / 1,228.95	69
544 Detroit Street	544 Detroit Street Ann Arbor MI	ENE	0.23 / 1,228.95	69
544 Detroit Street Redevelopment Project	544 Detroit Street Ann Arbor MI	ENE	0.23 / 1,228.95	69
544 Detroit Street	544 Detroit Street Ann Arbor MI	ENE	0.23 / 1,228.95	69
544 Detroit Street	544 Detroit Street Ann Arbor MI	ENE	0.23 / 1,228.95	69
544 Detroit Street	544 Detroit Street Ann Arbor MI 48104	ENE	0.23 / 1,228.95	69

BFLD REDEV - Brownfield Redevelopment Sites

A search of the BFLD REDEV database, dated Jul 19, 2023 has found that there are 7 BFLD REDEV 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>
303 North Fifth Avenue and 312/314 Detroit Street	303 North Fifth Avenue and 312, 314 Detroit Street Ann Arbor MI	E	0.06 / 309.03	13

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
309 North Ashley Street - Amendment #1	309 North Ashley Street Ann Arbor MI	W	0.12 / 625.37	28
309 North Ashley Street	309 North Ashley Street Ann Arbor MI	W	0.12 / 625.37	28
309 North Ashley Street - Amendment #1	309 North Ashley Street Ann Arbor MI	W	0.12 / 625.37	28

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Kingsley Condominiums	221, 223 Felch Street, 214 West Kingsley Street Ann Arbor MI	WNW	0.17 / 914.47	45
544 DETROIT STREET REDEVELOPMENT PROJECT	544 DETROIT STREET ANN ARBOR MI	ENE	0.23 / 1,228.95	69
Broadway Park	841 Broadway Street Ann Arbor MI	NE	0.45 / 2,389.95	160

BFLD UST - Brownfields-USTfields Site Directory

A search of the BFLD UST database, dated 2014 has found that there are 2 BFLD UST 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>
MAIN & SUMMIT	800 N MAIN ANN ARBOR MI	N	0.34 / 1,797.53	122
MICH. CON BROADWAY SITE	841 BROADWAY ANN ARBOR MI	NE	0.45 / 2,389.95	160

Non Standard

Federal

FINDS/FRS - Facility Registry Service/Facility Index

A search of the FINDS/FRS database, dated Mar 2, 2023 has found that there are 4 FINDS/FRS site(s) within approximately 0.02 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>
121 E. CATHERINE ST	121 EAST CATHERINE STREET ANN ARBOR MI 48104 <i>Registry ID: 110071308075</i>	SE	0.00 / 0.00	2
AMOCO OIL CO	300 N MAIN ST ANN ARBOR MI 48104 <i>Registry ID: 110003653797</i>	W	0.02 / 89.35	5
303 DETROIT STREET LLC	303 DETROIT ST ANN ARBOR MI 48104 <i>Registry ID: 110044976568</i>	E	0.02 / 92.18	6

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
JNJ CLEANERS	308 N MAIN ST ANN ARBOR MI 48104	WNW	0.02 / 87.45	4
<i>Registry ID: 110003621055</i>				

PFAS IND - PFAS Industry Sectors

A search of the PFAS IND database, dated Apr 16, 2023 has found that there are 1 PFAS IND 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>
ANN ARBOR CIRCUITS	ANN ARBOR MI	WSW	0.30 / 1,594.60	101

FED DRYCLEANERS - Drycleaner Facilities

A search of the FED DRYCLEANERS database, dated Apr 15, 2023 has found that there are 1 FED DRYCLEANERS 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>
JNJ CLEANERS	308 N MAIN ST ANN ARBOR MI 48104	WNW	0.02 / 87.45	4
<i>FRS Facility ID: 110003621055</i>				

FUDS - Formerly Used Defense Sites

A search of the FUDS database, dated Jul 12, 2022 has found that there are 1 FUDS site(s) within approximately 1.00 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>
UNIVERSITY OF MICHIGAN, ANN ARBOR	ANN ARBOR MI	ESE	0.70 / 3,689.94	198
<i>FUDS Property No: E05MI1171</i>				

MRDS - Mineral Resource Data System

A search of the MRDS database, dated Mar 15, 2016 has found that there are 1 MRDS site(s) within approximately 1.00 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>
ERVIN INDUS INC--ANN ARBOR, MICH.	WASHTENAW COUNTY ANN ARBOR MI 48104	SE	0.15 / 769.07	35
<i>Dep ID: 10219106</i>				

ALT FUELS - Alternative Fueling Stations

A search of the ALT FUELS database, dated Aug 30, 2023 has found that there are 12 ALT FUELS site(s) within approximately 0.25 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>
Ann Arbor Downtown Development Authority - Catherine and Fourth Surface Lot	121 Catherine St Ann Arbor MI 48104 <i>ID: 44283</i>	SE	0.00 / 0.00	<u>2</u>
A2DDA STATION 13	120 W Ann St Ann Arbor MI 48104 <i>ID: 223017</i>	WSW	0.09 / 484.84	<u>19</u>
A2DDA STATION 12	120 W Ann St Ann Arbor MI 48104 <i>ID: 223020</i>	WSW	0.09 / 484.84	<u>19</u>
A2DDA E WASH CT4K 2	123 E Washington St Ann Arbor MI 48104 <i>ID: 223039</i>	S	0.20 / 1,037.35	<u>55</u>
A2DDA E WASH CT4K	123 E Washington St Ann Arbor MI 48104 <i>ID: 223038</i>	S	0.20 / 1,037.35	<u>55</u>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
A2DDA STATION 15	220 N Ashley St Ann Arbor MI 48104 <i>ID: 223019</i>	WSW	0.11 / 590.02	<u>24</u>
A2DDA STATION 20	220 N Ashley St Ann Arbor MI 48104 <i>ID: 223016</i>	WSW	0.11 / 590.02	<u>24</u>
A2DDA STATION 18	220 N Ashley St Ann Arbor MI 48104 <i>ID: 223014</i>	WSW	0.11 / 590.02	<u>24</u>
A2DDA STATION 19	220 N Ashley St Ann Arbor MI 48104 <i>ID: 223015</i>	WSW	0.11 / 590.02	<u>24</u>
A2DDA STATION 14	220 N Ashley St Ann Arbor MI 48104 <i>ID: 224594</i>	WSW	0.11 / 590.02	<u>24</u>
A2DDA STATION 17	220 N Ashely St Ann Arbor MI 48104 <i>ID: 223018</i>	WSW	0.11 / 590.02	<u>24</u>
Ann Arbor Downtown Development Authority - Ashley and Washington Parking	Structure 215 W Washington Ann Arbor MI 48104 <i>ID: 74325</i>	SW	0.25 / 1,301.48	<u>77</u>

State

SPILLS - Pollution Emergency Alerting (PEAS)

A search of the SPILLS database, dated Jun 30, 2021 has found that there are 1 SPILLS site(s) within approximately 0.12 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>
	Corner of Catherine and north Main Ann Arbor MI	WSW	0.03 / 167.28	<u>8</u>

BEA - Baseline Environmental Assessment

A search of the BEA database, dated Dec 17, 2020 has found that there are 132 BEA site(s) within approximately 1.00 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>
	300 N Main MI	W	0.02 / 89.35	<u>5</u>
	314 Detroit St MI 48104	E	0.06 / 309.03	<u>13</u>
	200 S Ashley St Ann Arbor MI 48104	SW	0.24 / 1,269.52	<u>73</u>
	202 S Division St MI	SE	0.26 / 1,393.19	<u>82</u>
	202 S Division St Ann Arbor MI 48104	SE	0.26 / 1,393.19	<u>82</u>
	202 S Division St Ann Arbor MI 48104	SE	0.26 / 1,393.19	<u>82</u>
	202 S Division St Ann Arbor MI 48104	SE	0.26 / 1,393.19	<u>82</u>
	202 S Division St # 212 Ann Arbor MI 48104	SE	0.26 / 1,393.19	<u>82</u>
	295 South Main Street MI	SSW	0.26 / 1,397.00	<u>83</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	411 E Washington St Apt 401 Ann Arbor MI 48104	SE	0.27 / 1,420.55	86
	411 East Washington Street MI 48104	SE	0.27 / 1,420.55	86
	314 South Forth Avenue MI 48104	S	0.30 / 1,580.04	98
	314 South Fourth Avenue MI 48104	S	0.30 / 1,580.04	98
	331 S Fourth & 350 S Fifth MI 48104	S	0.34 / 1,817.54	125
	350 South Fifth Avenue MI 48104	S	0.36 / 1,889.55	128
	350 South Fifth Street MI 48104	S	0.36 / 1,889.55	128
350 South Fifth Avenue	350 South Fifth Avenue Ann Arbor MI 48104	S	0.36 / 1,889.55	128
350 South Fifth Avenue	350 South Fifth Avenue Ann Arbor MI 48104	S	0.36 / 1,889.55	128
	212 S State St # 216 Ann Arbor MI 48104	ESE	0.38 / 1,999.86	134
	402 S Main MI	SSW	0.39 / 2,077.05	142
Residential	1010 Catherine St Ann Arbor MI 48104	E	0.55 / 2,928.57	173
	1010 Catherine St Ann Arbor MI 48104	E	0.55 / 2,928.57	173

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	215 Glen Ave MI 48104	E	0.58 / 3,087.19	177
	201 Glen Ave MI 48104	E	0.59 / 3,114.28	179
Glenn Ann Service	201, 213, 215 & 217 Glen Ave. & 1025-1031 E. Ann St. MI 48104	E	0.59 / 3,114.28	179
	1209-1213 South University Ave. MI 48104	SE	0.80 / 4,241.68	209
	615/617 East University Ave. & 612 & 616 Church St. MI 48104	SE	0.87 / 4,607.68	213
615/617 East University Ave. & 612 & 616 Church St.	615/617 East University Ave. & 612 & 61 Ann Arbor MI 48104	SE	0.87 / 4,607.68	213
	1220 South University Avenue MI	ESE	0.88 / 4,657.50	215
1213 South University Avenue	1213 South University Avenue Ann Arbor MI 48104	ESE	0.88 / 4,662.68	216
	1215 South University Avenue Ann Arbor MI 48104	ESE	0.89 / 4,694.68	217
1215 South University Avenue	1215 South University Avenue Ann Arbor MI 48104	ESE	0.89 / 4,694.68	217
	1220 S University MI	ESE	0.93 / 4,890.53	222
	601 S Forest Ave Ann Arbor MI 48104	ESE	0.93 / 4,906.49	223
	327 E Hoover MI	S	0.93 / 4,929.15	224

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	327 E Hoover MI	S	0.93 / 4,929.15	224
	327 E Hoover MI	S	0.93 / 4,929.15	224
	327 E Hoover MI	S	0.93 / 4,929.15	224
	327 E Hoover MI	S	0.93 / 4,929.15	224

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	320 N. Main & 301 N. East Streets MI	NW	0.02 / 93.72	7
	320 N. Main & 301 N. East Streets MI	NW	0.02 / 93.72	7
	320 N. Main & 301 N. East Streets MI	NW	0.02 / 93.72	7
	320 N. Main & 301 N. East Streets MI	NW	0.02 / 93.72	7
	320 N. Main & 301 N. East MI	NW	0.02 / 93.72	7
	320 N. Main & 301 N. East MI	NW	0.02 / 93.72	7
	320 N. Main & 301 N. East MI	NW	0.02 / 93.72	7
	320 N. Main & 301 N. East MI	NW	0.02 / 93.72	7
	320 N. Main & 301 N. East MI	NW	0.02 / 93.72	7
	320 N. Main & 301 N. East Streets MI	NW	0.02 / 93.72	7

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	320 N. Main & 301 N. East Streets MI	NW	0.02 / 93.72	<u>7</u>
	320 N. Main & 301 N. East Streets MI	NW	0.02 / 93.72	<u>7</u>
	320 N. Main & 301 N. East Streets MI	NW	0.02 / 93.72	<u>7</u>
	110 Miller MI	W	0.08 / 421.06	<u>17</u>
Former Gasoline Station	202 Miller Avenue MI 481404	W	0.11 / 574.23	<u>23</u>
202 Miller Avenue	202 Miller Avenue Ann Arbor MI 48140	W	0.11 / 574.23	<u>23</u>
	206 & 210 Miller Ave & 307 & 309 North Ashley MI 48103	W	0.12 / 625.37	<u>28</u>
	215 Beakes St Ann Arbor MI 48104	NNE	0.16 / 847.72	<u>42</u>
	204 W Huron St Ann Arbor MI 48104	WSW	0.19 / 1,019.03	<u>54</u>
	204 W Huron St Ann Arbor MI 48104	WSW	0.19 / 1,019.03	<u>54</u>
	221 Felch Street MI 48103	NW	0.20 / 1,047.02	<u>59</u>
	391 and 401 Miller Road MI 48104	W	0.20 / 1,055.47	<u>62</u>
	544 Detroit Street MI 48104	ENE	0.23 / 1,228.95	<u>69</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Ann Arbor Art Ctr (Former Standard Oil)	220 Felch MI	NW	0.24 / 1,250.36	<u>72</u>
	220 Felch Street MI	NW	0.24 / 1,250.36	<u>72</u>
	220 Felch Street MI	NW	0.24 / 1,250.36	<u>72</u>
700 North Main Street	700 North Main Street Ann Arbor MI 48104	N	0.25 / 1,334.79	<u>79</u>
700 North Main Street	700 North Main Street Ann Arbor MI 48104	N	0.25 / 1,334.79	<u>79</u>
700 North Main Street	700 North Main Street Ann Arbor MI 48104	N	0.25 / 1,334.79	<u>79</u>
	626 - 724 N Main MI 48103	N	0.30 / 1,586.13	<u>100</u>
	221 W Liberty St MI 48103	SW	0.31 / 1,629.99	<u>105</u>
	325 E. Summit Street MI 48104	NE	0.31 / 1,638.69	<u>106</u>
325 E. Summit Street	325 E. Summit Street Ann Arbor MI 48104	NE	0.31 / 1,638.69	<u>106</u>
Eaton Corp - Ann Arbor	SW Corner of S First & W Liberty Sts MI 48103	SW	0.31 / 1,655.35	<u>109</u>
	300 W Liberty St Ann Arbor MI 48103	SW	0.32 / 1,676.18	<u>110</u>
Mich Con Beakes St	340 Depot St MI	NE	0.32 / 1,711.90	<u>116</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	320/340 Depot St MI	NE	0.32 / 1,711.90	116
	340 Depot Street MI	NE	0.32 / 1,711.90	116
Mich Con Beakes St	340 Depot St MI	NE	0.32 / 1,711.90	116
	340 Depot Street MI	NE	0.32 / 1,711.90	116
	320/340 Depot St MI	NE	0.32 / 1,711.90	116
	396 - 424 W Washington MI	WSW	0.34 / 1,769.44	121
Eaton Corp - Ann Arbor	315 S First & 311 S Second Sts MI 48103	SW	0.39 / 2,069.90	141
	315 S First & 311 S Second Sts MI 48106	SW	0.39 / 2,069.90	141
	815 Wildt St Ann Arbor, MI MI 48103	N	0.40 / 2,098.81	144
	924 - 936 North Main Street MI	N	0.42 / 2,242.77	149
	502 S Main St Ann Arbor MI 48104	SSW	0.51 / 2,667.24	165
	507 S Ashley St # 511 Ann Arbor MI 48103	SSW	0.52 / 2,759.58	168
Former Gasoline Service Station	520 South Main Street MI	S	0.54 / 2,850.18	169

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Commercial Property	990 Broadway St MI 48105	NE	0.54 / 2,865.46	<u>170</u>
	521 S Ashley MI	SSW	0.54 / 2,866.88	<u>171</u>
former Hop In #507	1019 Broadway MI 48105	NE	0.58 / 3,087.15	<u>176</u>
former Hop In #507	1019 Broadway Ann Arbor MI 48105	NE	0.58 / 3,087.15	<u>176</u>
Clark Store #2121	1019 BROADWAY ST ANN ARBOR MI 48105	NE	0.59 / 3,090.09	<u>178</u>
	1012 Pontiac Trl Ann Arbor MI 48105	NE	0.59 / 3,129.98	<u>180</u>
Main Madison Properties	552 S Main St # 564 Ann Arbor MI 48104	S	0.61 / 3,221.68	<u>183</u>
	551 S Fourth MI 48104	S	0.61 / 3,230.05	<u>184</u>
	551 S. Fourth Avenue MI	S	0.61 / 3,230.05	<u>184</u>
	551 S. Fourth Avenue MI	S	0.61 / 3,230.05	<u>184</u>
	Broadway at Maiden Lane MI 48105	NE	0.62 / 3,280.20	<u>185</u>
	Broadway and Maiden Lane MI 48105	NE	0.62 / 3,280.20	<u>185</u>
	NE Corner of Maiden Lane & Broadway St. MI 48105	NE	0.62 / 3,280.20	<u>185</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	Broadway and Maiden Lane MI 48105	NE	0.62 / 3,280.20	185
Broadway Coin Laundry	915 Maiden Ln & 1100/1102/1110 Broadway MI 48105	ENE	0.64 / 3,398.87	187
	923 Maiden Lane MI 48105	ENE	0.64 / 3,403.47	188
	923 Maiden Lane MI 48105	ENE	0.64 / 3,403.47	188
	601 S Main MI	S	0.65 / 3,446.19	189
	1140 Broadway & 943 Maiden Ln MI 48105	ENE	0.66 / 3,509.65	190
	1120 Broadway MI 48105	ENE	0.67 / 3,523.92	191
Broadway Coin Laundry	1120 Broadway Ann Arbor MI 48933	NE	0.68 / 3,585.00	192
Broadway Coin Laundry	1120 Broadway Ann Arbor MI 48933	NE	0.68 / 3,585.00	192
Broadway Coin Laundry	1120 Broadway Ann Arbor MI 48933	NE	0.68 / 3,585.00	192
Broadway Coin Laundry	1120 Broadway Ann Arbor MI 48933	NE	0.68 / 3,585.00	192
Broadway Coin Laundry	1120 Broadway Ann Arbor MI 48933	NE	0.68 / 3,585.00	192
Broadway Coin Laundry	1120 Broadway Ann Arbor MI 48933	NE	0.68 / 3,585.00	192

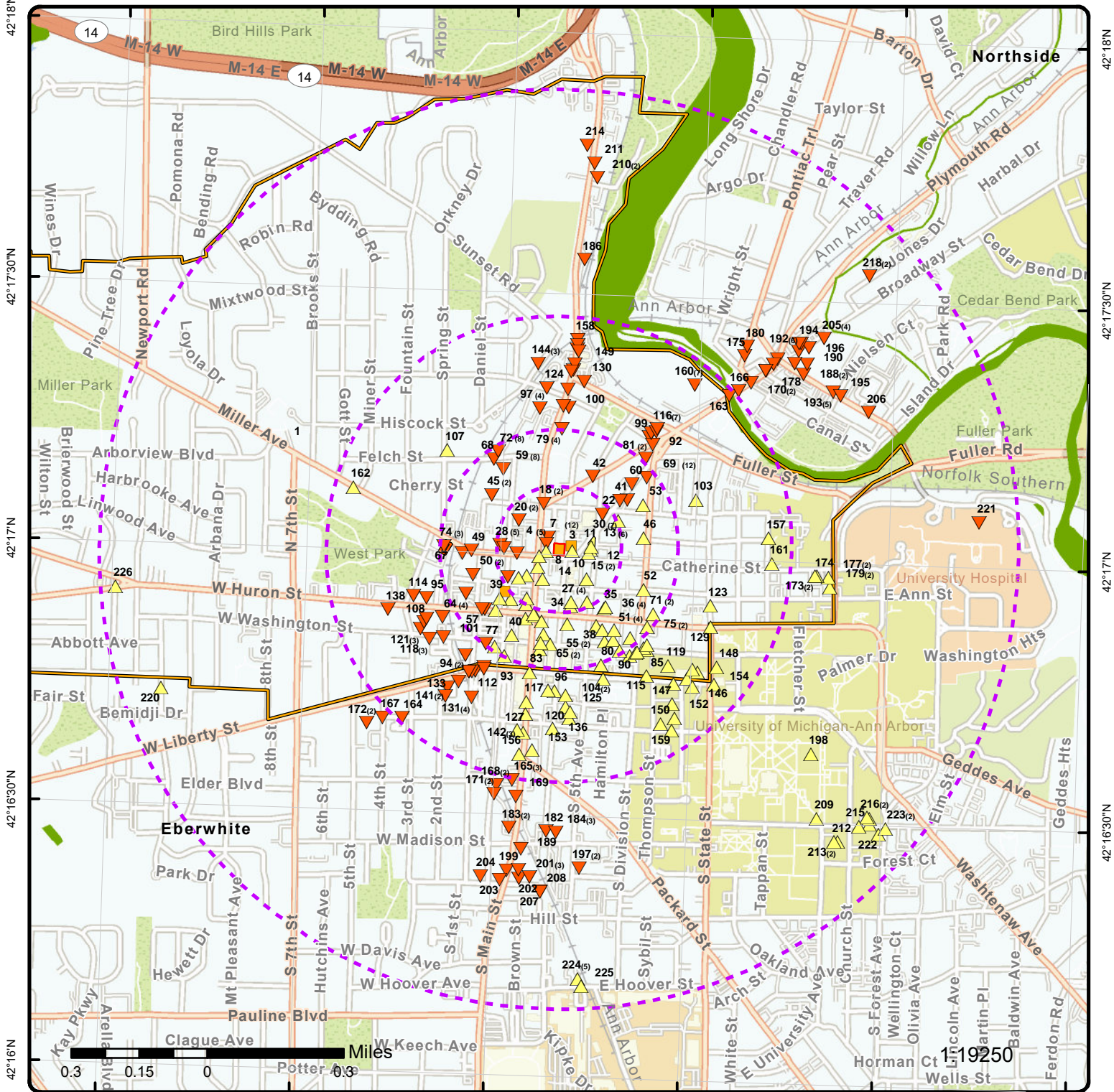
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	999 Maiden Lane MI 48105	ENE	0.68 / 3,589.53	193
	999 Maiden Lane MI 60654	ENE	0.68 / 3,589.53	193
999 Maiden Lane	999 Maiden Lane Ann Arbor MI 48105	ENE	0.68 / 3,589.53	193
999 Maiden Lane	999 Maiden Lane Ann Arbor MI 48105	ENE	0.68 / 3,589.53	193
Lower Town Redevelopment Site	1120, 1140-1142, 1156, 1160-1170, 1100 Broadway & 915, 931, 943, 959 Maiden Ln. MI 48104	ENE	0.69 / 3,643.48	196
Commercial Property	613, 617 & 715 South Fifth Ave 00021201 Ann Arbor MI 48104	S	0.69 / 3,643.54	197
	637 South Main Street MI 48103	S	0.71 / 3,763.99	201
637 S. Main Street	637 S. Main Street Ann Arbor MI 48103	S	0.71 / 3,763.99	201
	615, 633, and 637 S. Main St. MI 48341	S	0.72 / 3,790.76	202
	618 S Main St Ann Arbor MI 48104	S	0.73 / 3,833.57	203
	1200 Broadway MI 48105	ENE	0.73 / 3,848.28	205
	1200 Broadway MI 48105	ENE	0.73 / 3,848.28	205

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	1200 Broadway MI 48105	ENE	0.73 / 3,848.28	205
	1200 Broadway MI 48105	ENE	0.73 / 3,848.28	205
	127 Adams Ave MI	S	0.74 / 3,927.22	208
1254 N. Main/ Lotus Engineering	1254 North Main Street Ann Arbor MI 48197	N	0.81 / 4,278.77	210
	1254 N. Main Street MI 48104	N	0.84 / 4,442.10	211
	1254 North Main Street MI	N	0.88 / 4,644.13	214
	1327 Jones Dr MI	NE	0.89 / 4,719.42	218

DRYCLEANERS - Dry Cleaning Facilities

A search of the DRYCLEANERS database, dated Apr 10, 2023 has found that there are 1 DRYCLEANERS 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>
EUREKA CLEANERS	308 N MAIN ST ANN ARBOR MI	WNW	0.02 / 87.45	4

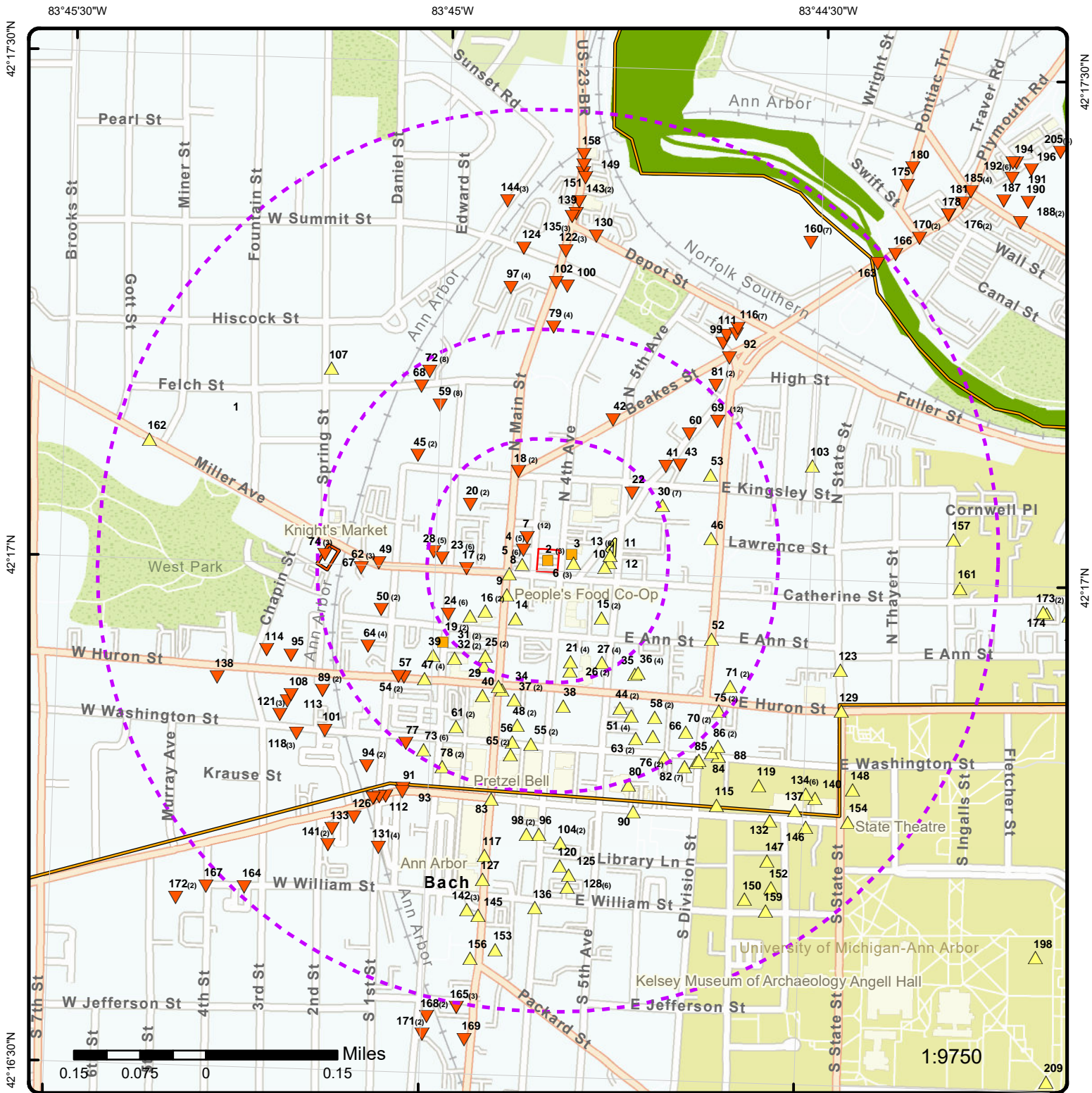


Map: 1.0 Mile Radius

Order Number: 23101600291
 Address: 121 Catherine Street, Ann Arbor, 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 PRIORITY List (Active, Delisted, Proposed, Institutional Control)

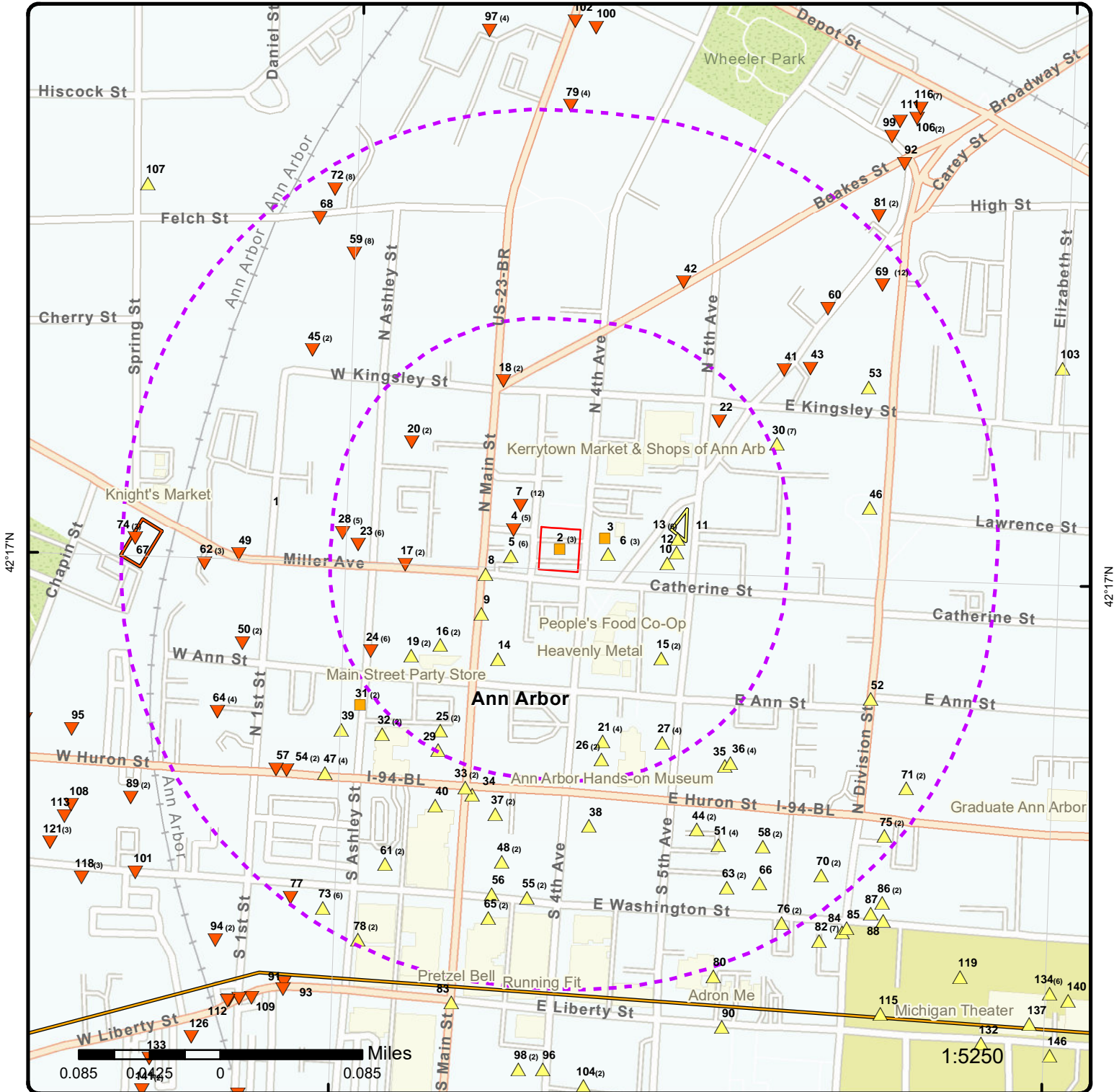


Map: 0.5 Mile Radius

Order Number: 23101600291
 Address: 121 Catherine Street, Ann Arbor, 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: 23101600291

Address: 121 Catherine Street, Ann Arbor, 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

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°45'30"W

83°45'W

83°44'30"W

42°17'30"N

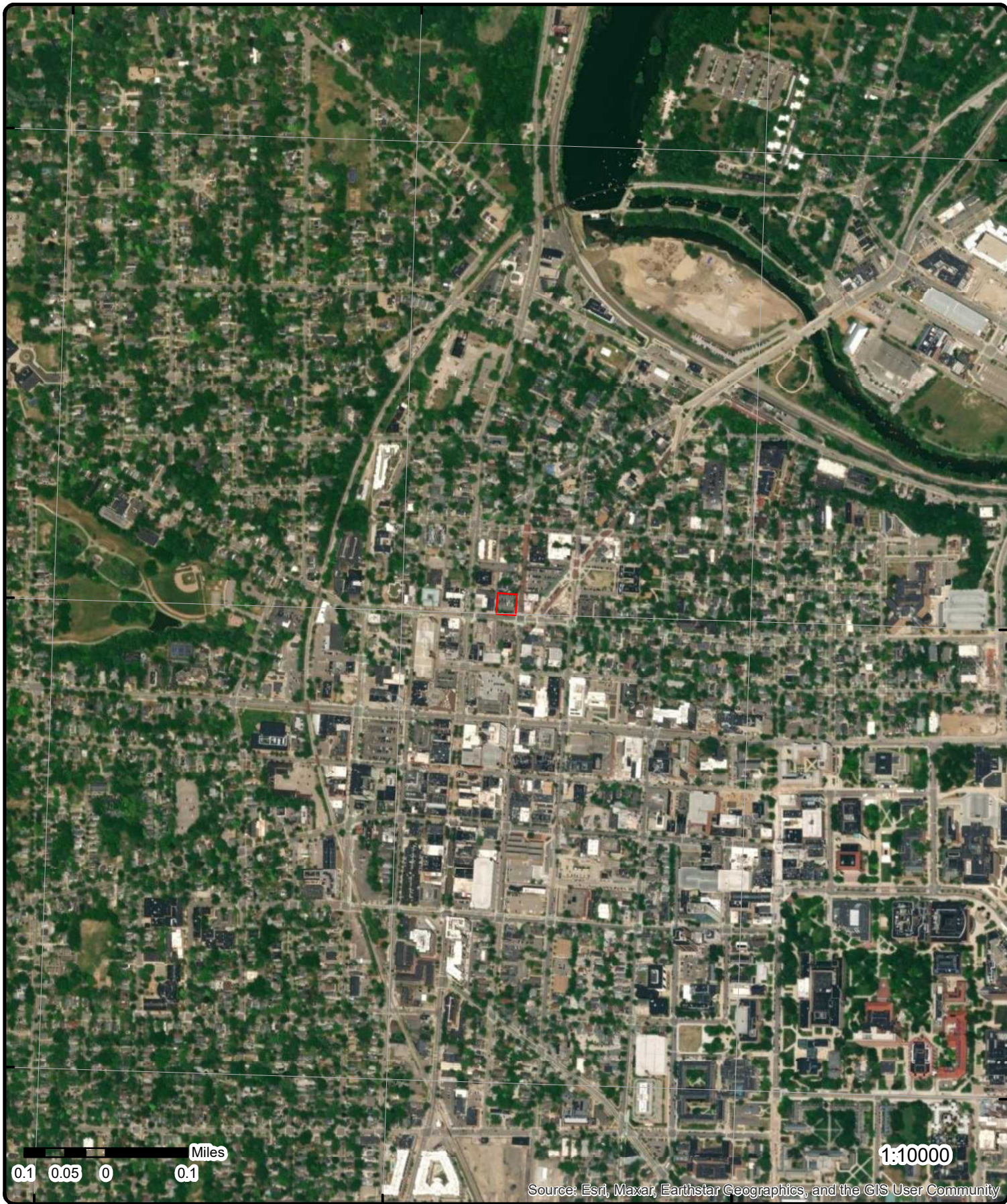
42°17'30"N

42°17'N

42°17'N

42°16'30"N

42°16'30"N



Aerial Year: 2023

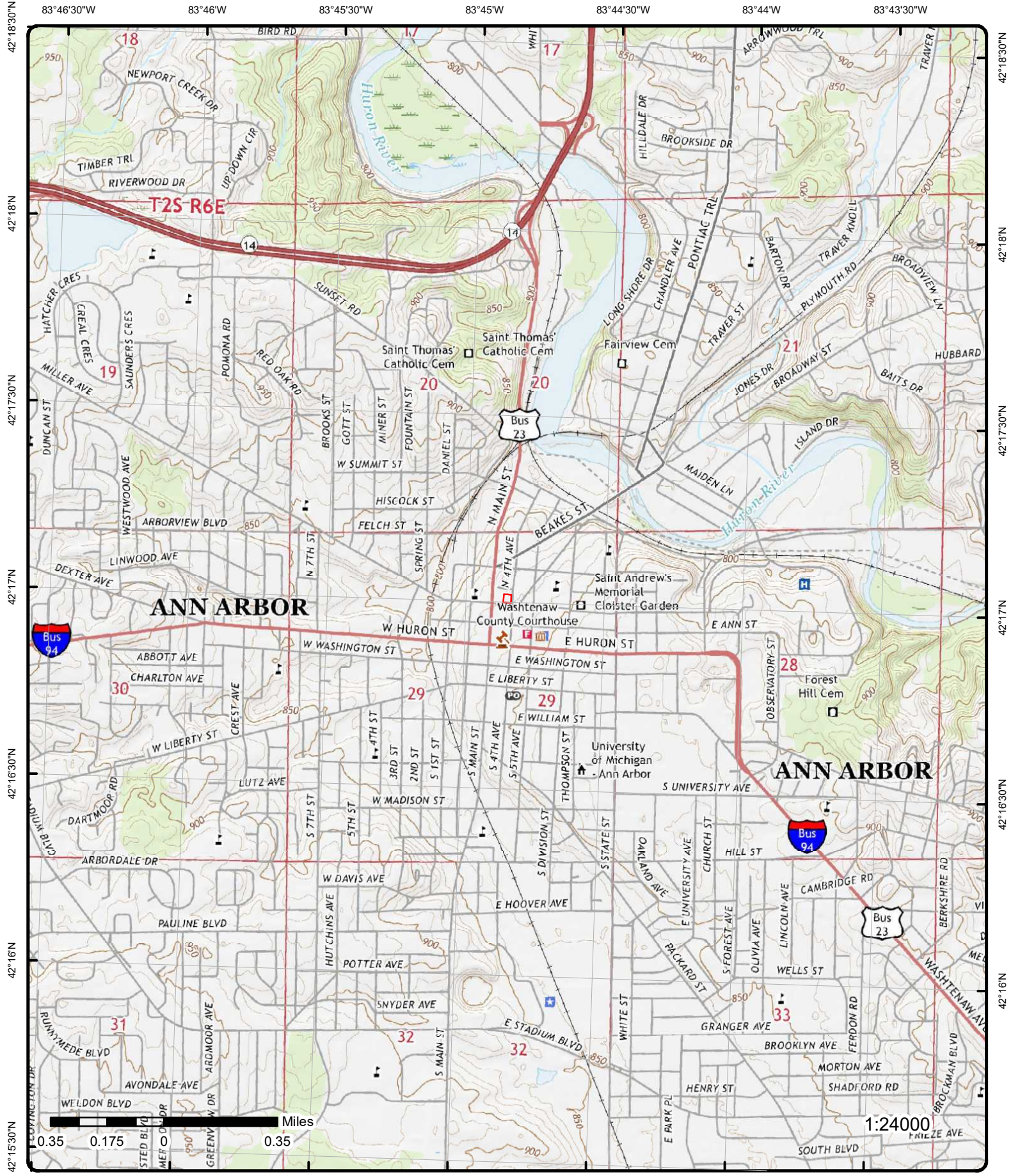
Address: 121 Catherine Street, Ann Arbor, MI

Source: ESRI World Imagery

Order Number: 23101600291



© ERIS Information Inc.



Topographic Map Year: 2019

Address: 121 Catherine Street, MI

Quadrangle(s): Ann Arbor West MI, Ann Arbor East MI

Source: USGS Topographic Map

Order Number: 23101600291



© ERIS Information Inc.

Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>1</u>	1 of 1	NNE	0.00 / 0.00	826.20 / 0	Gelman Sciences Inc 600 South Wagner Road Scio Township MI 48103	AUL

<p>DEQ Ref NO: Other IC-RRD-201-05-001 Status: Issued SID Facility ID: Site ID: 81000018 MG Entity Code: RRD Path Name: U:\KERMIT\10120105001.PDF Start Date: 1/2/2013 00:00:00 Finish Date: 1/2/2013 00:00:00 District: County Name: Washtenaw Join Field: Reg Deed Date: LandUse Restri Typ: Other IC LRUR Type: LRUR Status: Kermit ID (LRUR): 10120105001 Area Acres (LRUR): 2055.4855 Sq Mileage (LRUR): 3.2116 Mapped By: Nicholas Ekel Map Program: ArcGIS 10.1 Deq Ref No (Map): Other IC-RRD-201-05-001 Kermit ID (Map): 10120105001 Area Acre (Map): 2055.48557289 Sq Mileage (Map): 3.2116962 Restrict 1: 2 Restrictio: 0 Facility Name: Gelman Sciences Inc Site Name: Gelman Sciences Inc Property Desc: Gelman Sciences Inc. Map Desc (LRUR): Gelman Sciences Inc. Address1 (LRUR): 600 South Wagner Road Address2 (LRUR): Township (LRUR): Scio Township State (LRUR): MI Zipcode (LRUR): 48103 Property Legal Desc: Site Address MG Entity Desc: Remediation and Redevelopment Division Land Use Type: Other Institutional Control Map Desc: Restriction mapped using polygon provided by Ann Arbor Facility Name (Map): Pall Gelman Address (Map): Various City (Map): Ann Arbor Zip Code (Map): 48103 Map Comments: 20120731 - LRUR is NOT mapped in KERMIT - Nick Ekel 20130102 - LRUR is mapped in KERMIT - Nick Ekel Comments: This is a court issued restriction and will not be recorded - Nick Ekel Data Source(s): EGLE Environmental Mapper Other Institutional Control; Land or Resource Use Restrictions (LRUR) List</p>	<p>Program Support: Nicholas Ekel Pg Supprt Assig Dt: 7/31/2012 13:45:33.193 Program Type: Part 201 Is Commercial I: NO Is Commercial II: NO Is Commercial III: NO Is Commercial IV: NO Is Industrial: NO Is Residential: NO Is Recreation: NO Is Multip Land Use: NO Is Site Specific: YES Is GW Consumption: YES Is GW Contact: NO Is Special Well: NO Is Special Buildin: NO Is Excavation: NO Is Soil Movement: NO Is All Constructn: NO Is Monitoring Well: NO Is ExposureBarrier: NO Hlth and Sfty Plan: NO Is Permanent Markr: NO Shape Star: 8318254.99187 Shape Stle: 16569.2735582</p>	
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<u>2</u>	1 of 3	SE	0.00 / 0.00	826.20 / 0	Ann Arbor Downtown Development Authority - Catherine and Fourth Surface Lot 121 Catherine St Ann Arbor MI 48104	ALT FUELS
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ID: 44283
Fuel Type Code: ELEC: Electric
Station Phone: 734 994-6697
Expected Date:
BD Blends:
NG PSI:
Federal Agency ID:
Open Date: 2012-03-08
Hydrogen is Retail:
Federal Agency:
Facility Type: PARKING_LOT
Dt Last Confirmed: 2023-06-12
Updated at: 2023-06-12 16:56:16 UTC
Access Code: public
Access Detail Code:
Groups with Access Code: Public
Groups with Access Code Fr: Public
Fed Agency Name:
Hydrogen Status Link:
E85 Other Ethanol Blends:
NPS Unit Name:
Cards Accepted:
CNG Statn Sells Renewable Na:
LNG Statn Sells Renewable Na:
Maximum Vehicle Class: LD
RD Blended With Biodiesel:
RD Blends:
RD Blends French:
RD Maximum Biodiesel Level:
Status: Open: The station is open.
Owner Type Desc: Local government owned
E85 Blender Pump Desc:
NG Fill Type Desc:
NG Vehicle Class Desc:
Geocode Status Desc: Premise (building name, property name, shopping center, etc.) level accuracy.
Group with Access Desc: Publicly available to all customers.
LPG Primary Desc:
Intersection Directions: Catherine and Fourth
Access Days Time: 24 hours daily
Restricted Access: false

2	2 of 3	SE	0.00 / 0.00	826.20 / 0	121 E. Catherine St 121 East Catherine Street ANN ARBOR MI 48104	FED BROWNFIELDS
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Property ID: 252612
Lat Measure: 42.2833009353906
Long Measure: -83.74769469070141
Property Name: 121 E. Catherine St
Address: 121 East Catherine Street
City: ANN ARBOR
State Code: MI
Zip Code: 48104
Primary Name (Map): 121 E. CATHERINE ST
Location Address (Map): 121 EAST CATHERINE STREET
City Name (Map): ANN ARBOR
County Name (Map):
State Code (Map): MI
Postal Code (Map): 48104

Brownfields Details

Registry I:
EPA Region: 05
Cat No:
EPA ID:
BF RLF Gra:
BF RLF Pil:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
RCRA Handl:					BF Assess :	
RCRA Curre:					BF Cleanup:	
RCRA Remed:					BF Tba Ind:	
RCRA Const:					BF 128a In:	
RCRA El He:					BF IC Code:	U
RCRA El Gm:					BF IC Gc I:	U
RCRA Rem 1:					BF IC Ep I:	U
RCRA Ec Gw:					BF IC ID I:	U
RCRA Ec Ng:					BF IC Pr I:	U
RCRA IC Ep:					FF Brac In:	
RCRA IC Gc:					BF RLF Ind:	
RCRA IC ID:					BF Assess1:	Y
RCRA IC Pr:					BF Multipu:	
FF RCRA In:					BF Awp Ind:	
RCRA Trans:					BF Showcas:	
RCRA Tra 1:					BF 128a P :	
RCRA Ec Co:					LUST Relea:	
RCRA IC Co:					LUST Award:	
RCRA Gpra :					LUST State:	
RCRA Rem 2:					Congressio:	
RCRA Dru 1:					FD Agency :	
SF Site ID:					FD Listing:	
SF Ec Ind:					FD Non NPL:	
SF El Gm C:					FD RCRA Ha:	
SF El He C:					FD RCRA Ca:	
SF IC Ind:					FD SF NPL :	
SF NPL Cod:					FD FF Ind:	
SF NPL C 1:					FD Ej Code:	
SF Admin F:					FD Brac In:	
FF And Sit:					FD Federal:	
FF SF Ind:					FD Hrs Sco:	
Map Symbol:	B				FD Ongoing:	
Data Refre:	29-Jul-2022				FD NPL Sta:	
GIS Refres:					FD Non N 1:	
New Site:	Y				FD RCRA Gw:	
Repow Ref :					FD RCRA He:	
EPAOSC Sit:					FD GMS Sur:	
EPAOSC Res:					FD Hes Sur:	
EPAOSC R 1:					FD SF Site:	
EPAOSC Sta:					FD Brac Ro:	
EPAOSC Inc:					Stimulus S:	
Desc :					Stimulus B:	
Ind Name:						
Cat Name:						
Sub Name:						
Primary Name:			121 E. CATHERINE ST			
RCRA Drupa:						
Url:					https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%22252612.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page	
Census Url:					https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-83.7476946907014%2C42.2833009353906&featype=point&radius=1.0	
ACS Url:					https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-83.7476946907014%2C42.2833009353906&featype=point&radius=1.0	
SF Site Na:					UST Status:	
SF Non Npl:					UST Substa:	
SF Non N 1:					UST Landus:	
SF Non N 3:					UST SPA Wa:	
ERR Lat Lo:					UST SPA Fa:	
REPOW BF:					UST WHPA W:	
REPOW SF:					UST WHPA F:	
REPOW RCRA:					UST Open:	
REPOW Ref1:					UST Closed:	
RCRA Han 1:					LUST ID:	
RCRA Rau I:					Saa Site:	
BF Propert:			252612-			
REPOW Re 1:						
BF Prope 1:			121 E. Catherine St			
SF Non N 2:						

Cleanups In My Community (CIMC)

Grant ID:	69605992				ASMT Cntrl Sub :	
Grant Type:	Assessment				Cleanup Cntrl Sub :	
EPA Region:	05				ASMT Asbestos :	
Ownership Entity:	Government				Cleanup Asbestos :	
Latitude Measure:	42.2833009353906				ASMT PcbS :	
Longitude Measure:	-83.74769469070141				Cleanup PcbS :	
Flag Cleanup Req'd:	Y				ASMT VocS :	
Flag IC Required:					Cleanup VocS :	
Stcntrbg:					ASMT Lead :	
Property Size:	.38				Cleanup Lead :	
Flag IC in Place:					ASMT Oth Metal :	Y
IC in Place Date:					Cleanup Oth Metal :	
Prop Cntrl :					ASMT PahS :	
Gov Cntrl :					Cleanup PahS :	
Permit Tools :					ASMT Oth Cont:	
Info DevICes :					Cleanup Oth Cont:	
Prop Fnding Type Cd:					ASMT Air :	
Ownshp Changed :					Cleanup Air :	
Sflp Factor :					ASMT Drk Wat:	
Source Mapscale No:					Cleanup Drk Wat:	
Past Cml Acres:	.19				ASMT Grd Water:	
Future Cml Acres:					Cleanup Grd Water:	
Past Grnspc Acres:					ASMT Sediments :	
Future Grnspc Acres:					Cleanup Sediments :	
Past Acres:					ASMT Soil :	Y
Future Acres:					Cleanup Soil :	
Past Res Acres:	.19				ASMT Srf Water :	
Future Res Acres:					Cleanup Srf Water :	
St Enrollment Dt:					Other Media :	
St Enrollment ID:					Unknown Media :	
St NFA Dt:					Ready For Reuse :	N
Assess Petrol Prod :					Assess Amount:	
Cleanup Petrol Prod :					Assess Fnd Ent Nm:	
Assess Start Dt:					Photo Available :	
Assess Cmpltn Dt:					Video Available :	
Cleanup Start Dt:					Cleanup Acres:	
Cleanup Cmpltn Dt:					Cleanup Amount:	
Redev Start Dt:					Redev Acres:	
Redev Cleanup Jobs:					Redev Amount:	
Grant Recipient Nm:		Downriver Community Conference				
PropertyNm:		121 E. Catherine St				
Address:		121 East Catherine Street				
City:		ANN ARBOR				
State Code:		MI				
Zip Code:		48104				
Local Parcel No:		09-09-29-135-001				
Current Owner:						
IC Data Address:						
Horizontal Collection Method:						
Reference Point:						
Horizontal Reference Datum:						
Other Description:						
Other Desc Cleaned Up:						
Assess Type:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Redev Funding Entity Nm:						
Desc Hist:						
Accmplisht Cnt Flag:					Vacant Housing:	
Coop Agreement No:	00E02888				Vacant Housing Pct:	
Past Mltistry Acres:					Total Unemployed:	
Ftr Multistory Acres:					Unemployed Pct:	
Assess Cadmium :					Radius:	

Clnup Cadmium :					Actvy Funded:	
Assess Chromium :					Redev Lvrgd Srcs:	
Clnup Chromium :					AA Amt Funding:	
Assess Copper :					Flag Clnup Trmt Tech:	
Clnup Copper :					Excavation Disposal:	
Assess Iron :					Extrctn of Cntmnts:	
Clnup Iron :					Removal of Mats:	
Assess Nickel :					Rdctn of Cntmnts:	
Clnup Nickel :					Clnup of Structures:	
Assess Selenium :					Env EC Required:	
Clnup Selenium :					Flag EC Cover Tech:	
Assess Mercury :	Y				Flag EC Security:	
Clnup Mercury :					Flag EC Imblztn:	
Assess ArsenIC :	Y				Flag EC Eng Barriers:	
Clnup ArsenIC :					Flag EC Other:	
Assess Bldg Mats :					Env IC in Place:	
Clnup Bldg Mats :					Env EC in Place:	
Assess oorair :					Env Clnup Jobs:	
Clnup oorair :					Sect 128 A State Trbl:	
Assess None :					Multipurpose:	
Clnup None :					Clnup Cst Shr Amt:	
Assess Pesticides :					RLF Loan Amount:	
Clnup Pesticides :					RLF Ln Cst Shr Amt:	
Assess Unknown :					Pro Income Amt:	
Clnup Unknown :					Dt RLF Loan Signed:	
Assess Svocs :					Repayment Period:	
Clnup Svocs :					Interest Rate:	
Clnup Unkn Media :					RLF Subgrant Amt:	
Redev Cmpltn Date:					Cost Share Amt:	
Pro Code:	BF				Env Pro Income Amt:	
FCA Fy:					Dt RLF Sbgrnt Signd:	
Flag EC in Place:					Clnup Actvy Funded:	
Flag EC Required:					Below Poverty:	
RFR Notation:					Below Poverty Pct:	
Gpa Type ID:	11				Median Income:	
Clnup Doc:					Low Income:	
Awp Catalyst Yn:					Low Income Pct:	
Flag Prop Not Enrld:						
Redev Fund Entity:						
Gpa Type Desc:		Cleanup Jobs Leveraged				
AA Actvy Funded:						
AA Source of Funding:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
Other Forms of Doc:						
IC Addl Info:						
Highlights:					Property is currently a paved parking lot for City of Ann Arbor. Two RECs have been identified: 1) former commercial industrial uses, including a blacksmith, furniture factory, carpenter shop, and dairy factory including the potential use of an underground fuel storage tank; and 2) several adjoining properties have operated as gasoline filling stations and dry cleaning plants.	

Property Alias:

Ctmnt Found: Other Metals
 Ctmnt Cleanedup:
 Ctmnt Rec:

Other Metals

Media Affected:

Soil

Cleanups In My Community (CIMC)

Grant ID: 69605992
 Grant Type: Assessment

ASMT Cntrl Sub :
 Cleanup Cntrl Sub :

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
EPA Region:	05				ASMT Asbestos :	
Ownership Entity:	Government				Cleanup Asbestos :	
Latitude Measure:	42.2833009353906				ASMT Pcbs :	
Longitude Measure:	-83.74769469070141				Cleanup Pcbs :	
Flag Cleanup Req'd:	Y				ASMT Vocs :	
Flag IC Required:					Cleanup Vocs :	
Stcntrbg:					ASMT Lead :	
Property Size:	.38				Cleanup Lead :	
Flag IC in Place:					ASMT Oth Metal :	Y
IC in Place Date:					Cleanup Oth Metal :	
Prop Cntrl :					ASMT Pahs :	
Gov Cntrl :					Cleanup Pahs :	
Permit Tools :					ASMT Oth Cont:	
Info DevICes :					Cleanup Oth Cont:	
Prop Fnding Type Cd:					ASMT Air :	
Ownshp Changed :					Cleanup Air :	
Sfillp Factor :					ASMT Drk Wat:	
Source Mapscale No:					Cleanup Drk Wat:	
Past Cml Acres:	.19				ASMT Grd Water:	
Future Cml Acres:					Cleanup Grd Water:	
Past Grnspc Acres:					ASMT Sediments :	
Future Grnspc Acres:					Cleanup Sediments :	
Past Acres:					ASMT Soil :	Y
Future Acres:					Cleanup Soil :	
Past Res Acres:	.19				ASMT Srf Water :	
Future Res Acres:					Cleanup Srf Water :	
St Enrollment Dt:					Other Media :	
St Enrollment ID:					Unknown Media :	
St NFA Dt:					Ready For Reuse :	N
Assess Petrol Prod :					Assess Amount:	16470
Cleanup Petrol Prod :					Assess Fnd Ent Nm:	EPA
Assess Start Dt:	05/13/2022				Photo Available :	
Assess Cmpltn Dt:	07/06/2022				Video Available :	
Cleanup Start Dt:					Cleanup Acres:	
Cleanup Cmpltn Dt:					Cleanup Amount:	
Redev Start Dt:					Redev Acres:	
Redev Cleanup Jobs:					Redev Amount:	
Grant Recipient Nm:		Downriver Community Conference				
PropertyNm:		121 E. Catherine St				
Address:		121 East Catherine Street				
City:		ANN ARBOR				
State Code:		MI				
Zip Code:		48104				
Local Parcel No:		09-09-29-135-001				
Current Owner:						
IC Data Address:						
Horizontal Collection Method:						
Reference Point:						
Horizontal Reference Datum:						
Other Description:						
Other Desc Cleaned Up:						
Assess Type:		Phase II Environmental Assessment				
Assess Fund Entity:		US EPA - Brownfields Assessment Cooperative Agreement				
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Redev Funding Entity Nm:						
Desc Hist:						
Accmplisht Cnt Flag:	Y				Vacant Housing:	
Coop Agreement No:	00E02888				Vacant Housing Pct:	
Past Mltistry Acres:					Total Unemployed:	
Ftr Multistory Acres:					Unemployed Pct:	
Assess Cadmium :					Radius:	
Clnup Cadmium :					Actvy Funded:	
Assess Chromium :					Redev Lvrgd Srcs:	
Clnup Chromium :					AA Amt Funding:	
Assess Copper :					Flag Clnup Trmt Tech:	
Clnup Copper :					Excavation Disposal:	
Assess Iron :					Extrctn of Cntmnts:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Clnup Iron :					Removal of Mats:	
Assess Nickel :					Rdctn of Cntmnts:	
Clnup Nickel :					Clnup of Structures:	
Assess Selenium :					Env EC Required:	
Clnup Selenium :	Y				Flag EC Cover Tech:	
Assess Mercury :					Flag EC Security:	
Clnup Mercury :					Flag EC Immblyztn:	
Assess ArsenIC :	Y				Flag EC Eng Barriers:	
Clnup ArsenIC :					Flag EC Other:	
Assess Bldg Mats :					Env IC in Place:	
Clnup Bldg Mats :					Env EC in Place:	
Assess oorair :					Env Clnup Jobs:	
Clnup oorair :					Sect 128 A State Trbl:	
Assess None :					Multipurpose:	
Clnup None :					Clnup Cst Shr Amt:	
Assess Pesticides :					RLF Loan Amount:	
Clnup Pesticides :					RLF Ln Cst Shr Amt:	
Assess Unknown :					Pro Income Amt:	
Clnup Unknown :					Dt RLF Loan Signed:	
Assess Svocs :					Repayment Period:	
Clnup Svocs :					Interest Rate:	
Clnup Unkn Media :					RLF Subgrant Amt:	
Redev Cmpltn Date:					Cost Share Amt:	
Pro Code:	BF				Env Pro Income Amt:	
FCA Fy:	FY22				Dt RLF Sbrgrnt Signd:	
Flag EC in Place:					Clnup Actvy Funded:	
Flag EC Required:					Below Poverty:	
RFR Notation:					Below Poverty Pct:	
Gpa Type ID:	2				Median Income:	
Clnup Doc:					Low Income:	
Awp Catalyst Yn:					Low Income Pct:	
Flag Prop Not Enrld:						
Redev Fund Entity:						
Gpa Type Desc:		Phase II Environmental Assessment				
AA Actvy Funded:		Phase II Environmental Assessment				
AA Source of Funding:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
Other Forms of Doc:						
IC Addl Info:						
Highlights:					Property is currently a paved parking lot for City of Ann Arbor. Two RECs have been identified: 1) former commercial industrial uses, including a blacksmith, furniture factory, carpenter shop, and dairy factory including the potential use of an underground fuel storage tank; and 2) several adjoining properties have operated as gasoline filling stations and dry cleaning plants.	

Property Alias:
Ctmnt Found: Other Metals
Ctmnt Cleanedup:
Ctmnt Rec:
 Other Metals

Media Affected:
 Soil

Cleanups In My Community (CIMC)

Grant ID:	69605992	ASMT Cntrl Sub :
Grant Type:	Assessment	Cleanup Cntrl Sub :
EPA Region:	05	ASMT Asbestos :
Ownership Entity:	Government	Cleanup Asbestos :
Latitude Measure:	42.2833009353906	ASMT Pcb s :
Longitude Measure:	-83.74769469070141	Cleanup Pcb s :
Flag Cleanup Reqd:	Y	ASMT Voc s :
Flag IC Required:		Cleanup Voc s :

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Stcntrbg:					ASMT Lead :	
Property Size:	.38				Cleanup Lead :	
Flag IC in Place:					ASMT Oth Metal :	Y
IC in Place Date:					Cleanup Oth Metal :	
Prop Cntrl :					ASMT Pahs :	
Gov Cntrl :					Cleanup Pahs :	
Permit Tools :					ASMT Oth Cont:	
Info DevICes :					Cleanup Oth Cont:	
Prop Fnding Type Cd:					ASMT Air :	
Ownshp Changed :					Cleanup Air :	
Sflp Factor :					ASMT Drk Wat:	
Source Mapscale No:					Cleanup Drk Wat:	
Past Cml Acres:	.19				ASMT Grd Water:	
Future Cml Acres:					Cleanup Grd Water:	
Past Grnspc Acres:					ASMT Sediments :	
Future Grnspc Acres:					Cleanup Sediments :	
Past Acres:					ASMT Soil :	Y
Future Acres:					Cleanup Soil :	
Past Res Acres:	.19				ASMT Srf Water :	
Future Res Acres:					Cleanup Srf Water :	
St Enrollment Dt:					Other Media :	
St Enrollment ID:					Unknown Media :	
St NFA Dt:					Ready For Reuse :	N
Assess Petrol Prod :					Assess Amount:	
Cleanup Petrol Prod :					Assess Fnd Ent Nm:	
Assess Start Dt:					Photo Available :	
Assess Cmpltn Dt:					Video Available :	
Cleanup Start Dt:					Cleanup Acres:	
Cleanup Cmpltn Dt:					Cleanup Amount:	
Redev Start Dt:					Redev Acres:	
Redev Cleanup Jobs:					Redev Amount:	
Grant Recipient Nm:		Downriver Community Conference				
PropertyNm:		121 E. Catherine St				
Address:		121 East Catherine Street				
City:		ANN ARBOR				
State Code:		MI				
Zip Code:		48104				
Local Parcel No:		09-09-29-135-001				
Current Owner:						
IC Data Address:						
Horizontal Collection Method:						
Reference Point:						
Horizontal Reference Datum:						
Other Description:						
Other Desc Cleaned Up:						
Assess Type:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Redev Funding Entity Nm:						
Desc Hist:						
Accmplisht Cnt Flag:					Vacant Housing:	
Coop Agreement No:	00E02888				Vacant Housing Pct:	
Past Mltistry Acres:					Total Unemployed:	
Ftr Multistory Acres:					Unemployed Pct:	
Assess Cadmium :					Radius:	
Clnup Cadmium :					Actvy Funded:	
Assess Chromium :					Redev Lvrgd Srcs:	
Clnup Chromium :					AA Amt Funding:	
Assess Copper :					Flag Clnup Trmt Tech:	
Clnup Copper :					Excavation Disposal:	
Assess Iron :					Extrctn of Cntmnts:	
Clnup Iron :					Removal of Mats:	
Assess Nickel :					Rdctn of Cntmnts:	
Clnup Nickel :					Clnup of Structures:	
Assess Selenium :					Env EC Required:	
Clnup Selenium :					Flag EC Cover Tech:	
Assess Mercury :	Y				Flag EC Security:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<i>Clnup Mercury :</i>					<i>Flag EC Immblyztn:</i>	
<i>Assess ArsenIC :</i>	Y				<i>Flag EC Eng Barriers:</i>	
<i>Clnup ArsenIC :</i>					<i>Flag EC Other:</i>	
<i>Assess Bldg Mats :</i>					<i>Env IC in Place:</i>	
<i>Clnup Bldg Mats :</i>					<i>Env EC in Place:</i>	
<i>Assess oorair :</i>					<i>Env Clnup Jobs:</i>	
<i>Clnup oorair :</i>					<i>Sect 128 A State Trbl:</i>	
<i>Assess None :</i>					<i>Multipurpose:</i>	
<i>Clnup None :</i>					<i>Clnup Cst Shr Amt:</i>	
<i>Assess Pesticides :</i>					<i>RLF Loan Amount:</i>	
<i>Clnup Pesticides :</i>					<i>RLF Ln Cst Shr Amt:</i>	
<i>Assess Unknown :</i>					<i>Pro Income Amt:</i>	
<i>Clnup Unknown :</i>					<i>Dt RLF Loan Signed:</i>	
<i>Assess Svocs :</i>					<i>Repayment Period:</i>	
<i>Clnup Svocs :</i>					<i>Interest Rate:</i>	
<i>Clnup Unkn Media :</i>					<i>RLF Subgrant Amt:</i>	
<i>Redev Cmpltn Date:</i>					<i>Cost Share Amt:</i>	
<i>Pro Code:</i>	BF				<i>Env Pro Income Amt:</i>	
<i>FCA Fy:</i>					<i>Dt RLF Sbrgrnt Signd:</i>	
<i>Flag EC in Place:</i>					<i>Clnup Actvy Funded:</i>	
<i>Flag EC Required:</i>					<i>Below Poverty:</i>	
<i>RFR Notation:</i>					<i>Below Poverty Pct:</i>	
<i>Gpa Type ID:</i>	10				<i>Median Income:</i>	
<i>Clnup Doc:</i>					<i>Low Income:</i>	
<i>Awp Catalyst Yn:</i>					<i>Low Income Pct:</i>	
<i>Flag Prop Not Enrld:</i>						
<i>Redev Fund Entity:</i>						
<i>Gpa Type Desc:</i>		Redevelopment Jobs Leveraged				
<i>AA Actvy Funded:</i>						
<i>AA Source of Funding:</i>						
<i>Clnup Trmt Tech Info:</i>						
<i>EC Data Address:</i>						
<i>EC Addl Info:</i>						
<i>Env IC Data Address:</i>						
<i>Other Forms of Doc:</i>						
<i>IC Addl Info:</i>						
<i>Highlights:</i>		Property is currently a paved parking lot for City of Ann Arbor. Two RECs have been identified: 1) former commercial industrial uses, including a blacksmith, furniture factory, carpenter shop, and dairy factory including the potential use of an underground fuel storage tank; and 2) several adjoining properties have operated as gasoline filling stations and dry cleaning plants.				
<i>Property Alias:</i>						
<i>Ctmnt Found:</i>		Other Metals				
<i>Ctmnt Cleanedup:</i>						
<i>Ctmnt Rec:</i>						
Other Metals						
<i>Media Affected:</i>						
Soil						
<u>Cleanups In My Community (CIMC)</u>						
<i>Grant ID:</i>	69605992				<i>ASMT Cntrl Sub :</i>	
<i>Grant Type:</i>	Assessment				<i>Cleanup Cntrl Sub :</i>	
<i>EPA Region:</i>	05				<i>ASMT Asbestos :</i>	
<i>Ownership Entity:</i>	Government				<i>Cleanup Asbestos :</i>	
<i>Latitude Measure:</i>	42.2833009353906				<i>ASMT PcbS :</i>	
<i>Longitude Measure:</i>	-83.74769469070141				<i>Cleanup PcbS :</i>	
<i>Flag Cleanup Reqd:</i>	Y				<i>ASMT VocS :</i>	
<i>Flag IC Required:</i>					<i>Cleanup VocS :</i>	
<i>Stcntrbg:</i>					<i>ASMT Lead :</i>	
<i>Property Size:</i>	.38				<i>Cleanup Lead :</i>	
<i>Flag IC in Place:</i>					<i>ASMT Oth Metal :</i>	Y
<i>IC in Place Date:</i>					<i>Cleanup Oth Metal :</i>	
<i>Prop Cntrl :</i>					<i>ASMT Pahs :</i>	
<i>Gov Cntrl :</i>					<i>Cleanup Pahs :</i>	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB	
Permit Tools : Info DevICes : Prop Fnding Type Cd: Ownshp Changed : Sflfp Factor : Source Mapscale No: Past Cml Acres: .19 Future Cml Acres: Past Grnspc Acres: Future Grnspc Acres: Past Acres: Future Acres: Past Res Acres: .19 Future Res Acres: St Enrollment Dt: St Enrollment ID: St NFA Dt: Assess Petrol Prod : Cleanup Petrol Prod : Assess Start Dt: Assess Cmpltn Dt: Cleanup Start Dt: Cleanup Cmpltn Dt: Redev Start Dt: Redev Cleanup Jobs: Grant Recipient Nm: PropertyNm: Address: City: State Code: Zip Code: Local Parcel No: Current Owner: IC Data Address: Horizontal Collection Method: Reference Point: Horizontal Reference Datum: Other Description: Other Desc Cleaned Up: Assess Type: Assess Fund Entity: Cleanup Funding EntityNm: Cleanup Fund Entity: Redev Funding Entity Nm: Desc Hist:					ASMT Oth Cont: Cleanup Oth Cont: ASMT Air : Cleanup Air : ASMT Drk Wat: Cleanup Drk Wat: ASMT Grd Water: Cleanup Grd Water: ASMT Sediments : Cleanup Sediments : ASMT Soil : Y Cleanup Soil : ASMT Srf Water : Cleanup Srf Water : Other Media : Unknown Media : Ready For Reuse : N Assess Amount: Assess Fnd Ent Nm: Photo Available : Video Available : Cleanup Acres: Cleanup Amount: Redev Acres: Redev Amount:		
Downriver Community Conference 121 E. Catherine St 121 East Catherine Street ANN ARBOR MI 48104 09-09-29-135-001							
Accmplisht Cnt Flag: Coop Agreement No: 00E02888 Past Mltistry Acres: Ftr Multistory Acres: Assess Cadmium : Clnup Cadmium : Assess Chromium : Clnup Chromium : Assess Copper : Clnup Copper : Assess Iron : Clnup Iron : Assess Nickel : Clnup Nickel : Assess Selenium : Clnup Selenium : Assess Mercury : Y Clnup Mercury : Assess ArsenIC : Y Clnup ArsenIC : Assess Bldg Mats : Clnup Bldg Mats : Assess oorair :					Vacant Housing: Vacant Housing Pct: Total Unemployed: Unemployed Pct: Radius: Actvy Funded: Redev Lvrgd Srcs: AA Amt Funding: Flag Clnup Trmt Tech: Excavation Disposal: Extrctn of Cntmnts: Removal of Mats: Rdctn of Cntmnts: Clnup of Structures: Env EC Required: Flag EC Cover Tech: Flag EC Security: Flag EC Immblyztn: Flag EC Eng Barriers: Flag EC Other: Env IC in Place: Env EC in Place: Env Clnup Jobs:		

Clnup oorair :					Sect 128 A State Trbl:	
Assess None :					Multipurpose:	
Clnup None :					Clnup Cst Shr Amt:	
Assess Pesticides :					RLF Loan Amount:	
Clnup Pesticides :					RLF Ln Cst Shr Amt:	
Assess Unknown :					Pro Income Amt:	
Clnup Unknown :					Dt RLF Loan Signed:	
Assess Svocs :					Repayment Period:	
Clnup Svocs :					Interest Rate:	
Clnup Unkn Media :					RLF Subgrant Amt:	
Redev Cmpltn Date:					Cost Share Amt:	
Pro Code:	BF				Env Pro Income Amt:	
FCA Fy:					Dt RLF Sbrgrnt Signd:	
Flag EC in Place:					Clnup Actvy Funded:	
Flag EC Required:					Below Poverty:	
RFR Notation:					Below Poverty Pct:	
Gpa Type ID:	5				Median Income:	
Clnup Doc:	N				Low Income:	
Awp Catalyst Yn:					Low Income Pct:	
Flag Prop Not Enrld:						
Redev Fund Entity:						
Gpa Type Desc:		Cleanup Activity				
AA Actvy Funded:						
AA Source of Funding:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
Other Forms of Doc:						
IC Addl Info:						
Highlights:					Property is currently a paved parking lot for City of Ann Arbor. Two RECs have been identified: 1) former commercial industrial uses, including a blacksmith, furniture factory, carpenter shop, and dairy factory including the potential use of an underground fuel storage tank; and 2) several adjoining properties have operated as gasoline filling stations and dry cleaning plants.	

Property Alias:
Ctmnt Found: Other Metals
Ctmnt Cleanedup:
Ctmnt Rec:

Other Metals

Media Affected:

Soil

Cleanups In My Community (CIMC)

Grant ID:	69605992	ASMT Cntrl Sub :	
Grant Type:	Assessment	Cleanup Cntrl Sub :	
EPA Region:	05	ASMT Asbestos :	
Ownership Entity:	Government	Cleanup Asbestos :	
Latitude Measure:	42.2833009353906	ASMT PcbS :	
Longitude Measure:	-83.74769469070141	Cleanup PcbS :	
Flag Cleanup Reqcd:	Y	ASMT VocS :	
Flag IC Required:		Cleanup VocS :	
Stcntrbg:		ASMT Lead :	
Property Size:	.38	Cleanup Lead :	
Flag IC in Place:		ASMT Oth Metal :	Y
IC in Place Date:		Cleanup Oth Metal :	
Prop Cntrl :		ASMT PahS :	
Gov Cntrl :		Cleanup PahS :	
Permit Tools :		ASMT Oth Cont:	
Info DevICes :		Cleanup Oth Cont:	
Prop Fndng Type Cd:		ASMT Air :	
Ownshp Changed :		Cleanup Air :	
Sflfp Factor :		ASMT Drk Wat:	
Source Mapscale No:		Cleanup Drk Wat:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Past Cml Acres:	.19				ASMT Grd Water:	
Future Cml Acres:					Cleanup Grd Water:	
Past Grnspc Acres:					ASMT Sediments :	
Future Grnspc Acres:					Cleanup Sediments :	
Past Acres:					ASMT Soil :	Y
Future Acres:					Cleanup Soil :	
Past Res Acres:	.19				ASMT Srf Water :	
Future Res Acres:					Cleanup Srf Water :	
St Enrollment Dt:					Other Media :	
St Enrollment ID:					Unknown Media :	
St NFA Dt:					Ready For Reuse :	N
Assess Petrol Prod :					Assess Amount:	
Cleanup Petrol Prod :					Assess Fnd Ent Nm:	
Assess Start Dt:					Photo Available :	
Assess Cmpltn Dt:					Video Available :	
Cleanup Start Dt:					Cleanup Acres:	
Cleanup Cmpltn Dt:					Cleanup Amount:	
Redev Start Dt:					Redev Acres:	
Redev Cleanup Jobs:					Redev Amount:	
Grant Recipient Nm:		Downriver Community Conference				
PropertyNm:		121 E. Catherine St				
Address:		121 East Catherine Street				
City:		ANN ARBOR				
State Code:		MI				
Zip Code:		48104				
Local Parcel No:		09-09-29-135-001				
Current Owner:						
IC Data Address:						
Horizontal Collection Method:						
Reference Point:						
Horizontal Reference Datum:						
Other Description:						
Other Desc Cleaned Up:						
Assess Type:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Redev Funding Entity Nm:						
Desc Hist:						
Accmplisht Cnt Flag:					Vacant Housing:	
Coop Agreement No:	00E02888				Vacant Housing Pct:	
Past Mltistry Acres:					Total Unemployed:	
Ftr Multistory Acres:					Unemployed Pct:	
Assess Cadmium :					Radius:	
Clnup Cadmium :					Actvy Funded:	
Assess Chromium :					Redev Lvrgd Srcs:	
Clnup Chromium :					AA Amt Funding:	
Assess Copper :					Flag Clnup Trmt Tech:	
Clnup Copper :					Excavation Disposal:	
Assess Iron :					Extrctn of Cntmnts:	
Clnup Iron :					Removal of Mats:	
Assess Nickel :					Rdctn of Cntmnts:	
Clnup Nickel :					Clnup of Structures:	
Assess Selenium :					Env EC Required:	
Clnup Selenium :					Flag EC Cover Tech:	
Assess Mercury :	Y				Flag EC Security:	
Clnup Mercury :					Flag EC Immblyztn:	
Assess ArsenIC :	Y				Flag EC Eng Barriers:	
Clnup ArsenIC :					Flag EC Other:	
Assess Bldg Mats :					Env IC in Place:	
Clnup Bldg Mats :					Env EC in Place:	
Assess oorair :					Env Clnup Jobs:	
Clnup oorair :					Sect 128 A State Trbl:	
Assess None :					Multipurpose:	
Clnup None :					Clnup Cst Shr Amt:	
Assess Pesticides :					RLF Loan Amount:	
Clnup Pesticides :					RLF Ln Cst Shr Amt:	
Assess Unknown :					Pro Income Amt:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<i>Clnup Unknown :</i>					<i>Dt RLF Loan Signed:</i>	
<i>Assess Svocs :</i>					<i>Repayment Period:</i>	
<i>Clnup Svocs :</i>					<i>Interest Rate:</i>	
<i>Clnup Unkn Media :</i>					<i>RLF Subgrant Amt:</i>	
<i>Redev Cmpltn Date:</i>					<i>Cost Share Amt:</i>	
<i>Pro Code:</i>	BF				<i>Env Pro Income Amt:</i>	
<i>FCA Fy:</i>					<i>Dt RLF Sbgrnt Signd:</i>	
<i>Flag EC in Place:</i>					<i>Clnup Actvy Funded:</i>	
<i>Flag EC Required:</i>					<i>Below Poverty:</i>	
<i>RFR Notation:</i>					<i>Below Poverty Pct:</i>	
<i>Gpa Type ID:</i>	6				<i>Median Income:</i>	
<i>Clnup Doc:</i>					<i>Low Income:</i>	
<i>Awp Catalyst Yn:</i>					<i>Low Income Pct:</i>	
<i>Flag Prop Not Enrld:</i>						
<i>Redev Fund Entity:</i>						
<i>Gpa Type Desc:</i>		Acres Cleaned Up				
<i>AA Actvy Funded:</i>						
<i>AA Source of Funding:</i>						
<i>Clnup Trmt Tech Info:</i>						
<i>EC Data Address:</i>						
<i>EC Addl Info:</i>						
<i>Env IC Data Address:</i>						
<i>Other Forms of Doc:</i>						
<i>IC Addl Info:</i>						
<i>Highlights:</i>		Property is currently a paved parking lot for City of Ann Arbor. Two RECs have been identified: 1) former commercial industrial uses, including a blacksmith, furniture factory, carpenter shop, and dairy factory including the potential use of an underground fuel storage tank; and 2) several adjoining properties have operated as gasoline filling stations and dry cleaning plants.				
<i>Property Alias:</i>						
<i>Ctmnt Found:</i>		Other Metals				
<i>Ctmnt Cleanedup:</i>						
<i>Ctmnt Rec:</i>						
Other Metals						
<i>Media Affected:</i>						
Soil						

2	3 of 3	SE	0.00 / 0.00	826.20 / 0	121 E. CATHERINE ST 121 EAST CATHERINE STREET ANN ARBOR MI 48104	FINDS/FRS
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Registry ID: 110071308075
FIPS Code: 26161
HUC Code:
Site Type Name: BROWNFIELDS SITE
Location Description:
Supplemental Location:
Create Date: 04-AUG-22
Update Date:
Interest Types: BROWNFIELDS PROPERTY
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No:
Census Block Code:
EPA Region Code: 05
County Name: WASHTENAW
US/Mexico Border Ind:
Latitude:
Longitude:

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

Coord Collection Method:

Accuracy Value:

Datum:

NAD83

Source:

Facility Detail Rprt URL:

https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110071308075

Data Source:

Facility Registry Service - Single File

Program Acronyms:

3	1 of 1	ENE	0.01 / 78.61	826.00 / 0	VLASIC & CO 201 E CATHERINE ST ANN ARBOR MI 48104	WASTE
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WDS ID:

452667

Site ID:

MIG000020918

County:

WASHTENAW

Legal Name:

VLASIC & CO

Contact Name:

Contact Phone:

Contact Email:

4	1 of 5	WNW	0.02 / 87.45	824.72 / -1	JNJ CLEANERS 308 N MAIN ST ANN ARBOR MI 48104	RCRA VSQG
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EPA Handler ID:

MID981775273

Gen Status Universe:

VSG

Contact Name:

JONG PARK

Contact Address:

US

Contact Phone No and Ext:

734-662-1767

Contact Email:

Contact Country:

US

County Name:

WASHTENAW

EPA Region:

05

Land Type:

Private

Receive Date:

20120806

Location Latitude:

42.283606

Location Longitude:

-83.748344

Violation/Evaluation Summary

Note:

NO RECORDS: As of Jul 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

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

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

Sequence No: 1
Receive Date: 19860828
Handler Name: J P EUREKA CLEANERS INC
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: 2
Receive Date: 20021231
Handler Name: J P EUREKA CLEANERS INC
Federal Waste Generator Code: 3
Generator Code Description: Very Small 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: 20120806
Handler Name: JNJ CLEANERS
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind: Current Operator	Street No:
Type: Private	Street 1:
Name: JONG SOO PARK	Street 2:
Date Became Current: 19850830	City:
Date Ended Current:	State:
Phone:	Country:
Source Type: Notification	Zip Code:

Owner/Operator Ind: Current Owner	Street No:
Type: Private	Street 1:
Name: JONG SOO PARK	Street 2:
Date Became Current: 19890101	City:
Date Ended Current:	State:
Phone:	Country:
Source Type: Notification	Zip Code:

Owner/Operator Ind: Current Owner	Street No:
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:	Private				Street 1:	
Name:	JNJ CLEANERS				Street 2:	
Date Became Current:	20111001				City:	
Date Ended Current:					State:	
Phone:					Country:	
Source Type:	Notification				Zip Code:	
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	
Name:	JNJ CLEANERS				Street 2:	
Date Became Current:	20111001				City:	
Date Ended Current:					State:	
Phone:					Country:	
Source Type:	Notification				Zip Code:	

Historical Handler Details

Receive Dt: 20021231
Generator Code Description: Very Small Quantity Generator
Handler Name: J P EUREKA CLEANERS INC

Receive Dt: 19860828
Generator Code Description: Small Quantity Generator
Handler Name: J P EUREKA CLEANERS INC

4	2 of 5	WNW	0.02 / 87.45	824.72 / -1	JNJ CLEANERS 308 N MAIN ST ANN ARBOR MI 48104	FINDS/FRS
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Registry ID: 110003621055
FIPS Code: 26161
HUC Code: 04090005
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 01-MAR-00
Update Date: 17-SEP-12
Interest Types: VSQG
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor: FRS-GEOCODE
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No: 15
Census Block Code: 261614007001013
EPA Region Code: 05
County Name: WASHTENAW
US/Mexico Border Ind:
Latitude: 42.28366
Longitude: -83.74837
Reference Point: CENTER OF A FACILITY OR STATION
Coord Collection Method: ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value: 30
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110003621055
Data Source: Facility Registry Service - Single File
Program Acronyms:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>4</u>	3 of 5	WNW	0.02 / 87.45	824.72 / -1	EUREKA CLEANERS 308 N MAIN ST ANN ARBOR MI	DRYCLEANERS

Establishment No: 8100037
Status: Open
Site Types: Air - Dry Cleaning Site
District: Jackson
County: Washtenaw
Data Source: AQD Active Dry Cleaning List

<u>4</u>	4 of 5	WNW	0.02 / 87.45	824.72 / -1	EUREKA CLEANERS 308 N MAIN ST ANN ARBOR MI 48104	WASTE
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WDS ID: 399886
Site ID: MID981775273
County: WASHTENAW
Legal Name: JNJ CLEANERS
Contact Name:
Contact Phone:
Contact Email:

<u>4</u>	5 of 5	WNW	0.02 / 87.45	824.72 / -1	JNJ CLEANERS 308 N MAIN ST ANN ARBOR MI 48104	FED DRYCLEANERS
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FRS Facility ID: 110003621055
NPDES IDs:
NAICS Codes: 81232
SIC Codes:
Latitude: 42.28366
Longitude: -83.74837

<u>5</u>	1 of 6	W	0.02 / 89.35	828.00 / 2	AMOCO OIL CO 300 N MAIN ST ANN ARBOR MI 48104	RCRA NON GEN
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EPA Handler ID: MID985607571
Gen Status Universe: No Report
Contact Name: KEVIN ENDRISS
Contact Address: 300 N MAIN ST , , ANN ARBOR , MI, 48104 , US
Contact Phone No and Ext: 419-842-1553
Contact Email:
Contact Country: US
County Name: WASHTENAW
EPA Region: 05
Land Type: Private
Receive Date: 20011003
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jul 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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: 19910305
 Handler Name: AMOCO OIL CO
 Source Type: Notification
 Federal Waste Generator Code: 2
 Generator Code Description: Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
 Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 2
 Receive Date: 20011003
 Handler Name: AMOCO OIL CO
 Source Type: Notification
 Federal Waste Generator Code: N
 Generator Code Description: Not a Generator, Verified

Waste Code Details

Hazardous Waste Code: D001
 Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind:	Current Operator	Street No:
Type:	Private	Street 1:
Name:	B P PRODUCTS N AMERICA INC	Street 2:
Date Became Current:	19700101	City:
Date Ended Current:		State:
Phone:		Country:
Source Type:	Notification	Zip Code:

Owner/Operator Ind:	Current Owner	Street No:
Type:	Private	Street 1:
Name:	B P PRODUCTS N AMERICA INC	Street 2:
Date Became Current:	19700101	City:
Date Ended Current:		State:
Phone:		Country:
Source Type:	Notification	Zip Code:

Owner/Operator Ind:	Current Operator	Street No:
Type:	Private	Street 1:
Name:	AMOCO OIL CO	Street 2:
Date Became Current:	19700101	City:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date Ended Current:					State:	
Phone:					Country:	
Source Type:	Notification				Zip Code:	
Owner/Operator Ind:		Current Owner			Street No:	
Type:	Private				Street 1:	
Name:	AMOCO OIL CO				Street 2:	
Date Became Current:	19700101				City:	
Date Ended Current:					State:	
Phone:					Country:	
Source Type:	Notification				Zip Code:	

Historical Handler Details

Receive Dt: 19910305
Generator Code Description: Small Quantity Generator
Handler Name: AMOCO OIL CO

5	2 of 6	W	0.02 / 89.35	828.00 / 2	AMOCO OIL CO 300 N MAIN ST ANN ARBOR MI 48104	FINDS/FRS
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Registry ID: 110003653797
FIPS Code: 26161
HUC Code: 04090005
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 01-MAR-00
Update Date: 27-SEP-10
Interest Types: UNSPECIFIED UNIVERSE
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor: FRS-GEOCODE
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No: 15
Census Block Code: 261614007001012
EPA Region Code: 05
County Name: WASHTENAW
US/Mexico Border Ind:
Latitude: 42.28346
Longitude: -83.74839
Reference Point: CENTER OF A FACILITY OR STATION
Coord Collection Method: ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value: 30
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110003653797
Data Source: Facility Registry Service - Single File
Program Acronyms:

5	3 of 6	W	0.02 / 89.35	828.00 / 2	300 N Main MI	BEA
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Facility ID (Web): 200200397JK
Bea No (Web): 200200397JK
Fac Name (Web): 300 N Main
Address (Web): 300 N Main
Facility ID (Map): 200200397JK
Bea No (Map): 200200397JK
Fac Name (Map): 300 N Main
Address (Map): 300 N Main

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<i>City (Web):</i>					<i>City (Map):</i>	0
<i>Zip (Web):</i>					<i>Zip (Map):</i>	48104
<i>County (Web):</i>	Washtenaw				<i>County (Map):</i>	Washtenaw
<i>Township (Web):</i>	Ann Arbor City				<i>Township (Map):</i>	Ann Arbor City
<i>District (Web):</i>	Jackson				<i>District (Map):</i>	Jackson
<i>Latitude (Web):</i>					<i>Latitude (Map):</i>	42.283393
<i>Longitude (Web):</i>					<i>Longitude (Map):</i>	-83.748276
<i>Data Source (Web):</i>	BEA				<i>Data Source (Map):</i>	
<i>Accuracy:</i>	0				<i>Method of Collect:</i>	
<i>Facility 2:</i>	0				<i>Object ID:</i>	1941
<i>Source:</i>	0				<i>ID:</i>	586
<i>Submitted:</i>		0				
<i>Source:</i>		DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)				

5 4 of 6 **W** 0.02 / 89.35 828.00 / 2 **University Fuel Mart**
300 N MAIN ST
ANN ARBOR MI 48104-1134 **UST**

Facility ID: 00005725
Facility Status: Active
Facility Name: University Fuel Mart
Fac Street No: 300
Fac Street Direc: N
Fac Street Name: MAIN
Fac Suffix Type: ST
Fac Suffix Direc:
Facility City: ANN ARBOR
Facility Zip: 48104-1134
Facility County: WASHTENAW
Facility State: MI
Fac Name (Map): University Fuel Mart
Address (Map): 300 N Main St
City (Map): Ann Arbor
Zip code (Map): 48104
County (Map): Washtenaw
Latitude (Map): 42.283393
Longitude (Map): -83.748276
Geometry(Map): MULTIPOINT (-83.74827137641681 42.28338486892044)
Facility Name (RIDE):
Full Address (RIDE):
City (RIDE):
County (RIDE):
Township (RIDE):
Latitude (RIDE):
Longitude (RIDE):
Original Source: Licensing and Regulatory Affairs Underground Tank List (LARA); Underground Storage Tanks Part 211 (Map)

Department of Licensing and Regulatory Affairs - Tank & Piping Info

<i>Old Tank ID No:</i>	4	<i>Tank Capacity:</i>	10000
<i>New Tank ID No:</i>	UTK-027205-15	<i>Tank Install Date:</i>	04/28/1970
<i>Tank Status:</i>	Removed from Ground	<i>Tank Removal Date:</i>	05/23/2003
<i>Tank Content:</i>	Gasoline		
<i>Tank Compartments:</i>			
<i>Tank Release Detection:</i>	Automatic Tank Gauging		
<i>Tank Construction:</i>	Cathodically Protected Steel,Lined Interior		
<i>Impressed Current:</i>	Yes		
<i>Piping Release Detection:</i>	Automatic Line Leak Detectors		
<i>Piping Material:</i>	Flexible Piping		
<i>Piping Type:</i>	Pressure (Remote)		
<i>Status:</i>	Licensing and Regulatory Affairs Underground Tank List (LARA)		
<i>Old Tank ID No:</i>	6	<i>Tank Capacity:</i>	6000
<i>New Tank ID No:</i>	UTK-118852-15	<i>Tank Install Date:</i>	05/30/2003
<i>Tank Status:</i>	Currently In Use	<i>Tank Removal Date:</i>	
<i>Tank Content:</i>	Gasoline		

Tank Compartments:
Tank Release Detection: Automatic Tank Gauging, Interstitial Monitoring Double Walled Tank/Piping, Tank Tightness Testing
Tank Construction: Double Walled, Fiberglass Reinforced Plastic
Impressed Current:
Piping Release Detection: Automatic Line Leak Detectors, Interstitial Monitoring Double Walled Piping
Piping Material: Double Walled
Piping Type: Pressure (Remote)
Status: Licensing and Regulatory Affairs Underground Tank List (LARA)

Old Tank ID No:	1	Tank Capacity:	6000
New Tank ID No:	UTK-033547-15	Tank Install Date:	04/28/1958
Tank Status:	Removed from Ground	Tank Removal Date:	11/01/1988

Tank Content: Gasoline
Tank Compartments:
Tank Release Detection:
Tank Construction: Asphalt Coated or Bare Steel, Cathodically Protected Steel, Lined Interior
Impressed Current:
Piping Release Detection:
Piping Material: Galvanized Steel
Piping Type:
Status: Licensing and Regulatory Affairs Underground Tank List (LARA)

Old Tank ID No:	3	Tank Capacity:	8000
New Tank ID No:	UTK-067791-15	Tank Install Date:	04/28/1984
Tank Status:	Removed from Ground	Tank Removal Date:	05/24/2003

Tank Content: Gasoline
Tank Compartments:
Tank Release Detection: Automatic Tank Gauging
Tank Construction: Cathodically Protected Steel, Lined Interior
Impressed Current: Yes
Piping Release Detection: Automatic Line Leak Detectors
Piping Material: Flexible Piping
Piping Type: Pressure (Remote)
Status: Licensing and Regulatory Affairs Underground Tank List (LARA)

Old Tank ID No:	5	Tank Capacity:	12000
New Tank ID No:	UTK-118851-15	Tank Install Date:	05/30/2003
Tank Status:	Currently In Use	Tank Removal Date:	

Tank Content: Gasoline
Tank Compartments:
Tank Release Detection: Automatic Tank Gauging, Interstitial Monitoring Double Walled Tank/Piping, Tank Tightness Testing
Tank Construction: Double Walled, Fiberglass Reinforced Plastic
Impressed Current:
Piping Release Detection: Automatic Line Leak Detectors, Interstitial Monitoring Double Walled Piping
Piping Material: Double Walled
Piping Type: Pressure (Remote)
Status: Licensing and Regulatory Affairs Underground Tank List (LARA)

Old Tank ID No:	2	Tank Capacity:	6000
New Tank ID No:	UTK-067785-15	Tank Install Date:	04/28/1962
Tank Status:	Removed from Ground	Tank Removal Date:	05/24/2003

Tank Content: Gasoline
Tank Compartments:
Tank Release Detection:
Tank Construction: Cathodically Protected Steel, Lined Interior
Impressed Current: Yes
Piping Release Detection:
Piping Material: Flexible Piping
Piping Type: Pressure (Remote)
Status: Licensing and Regulatory Affairs Underground Tank List (LARA)

EGLE Environmental Mapper

Owner ID:	60988	Accuracy:	100
Open LUST:	No	Acc Unit:	FEET
Closed LUST:	Yes	Source:	State of MI
Active Site:	Yes	Shp Type:	POINT
Closed Site:	No	Restrict:	YES

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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District Name: Jackson District Office
H Datum: NAD83
Collection Method: Address Matching-House Number
Desc Cater: Plant Entrance (Freight)

Department of Licensing and Regulatory Affairs - Tank Owner Info

Owner Name: Baydoun Ann Arbor LLC
Owner Address: 300 N Main St
Owner City: Ann Arbor
Owner State: MI
Owner Zip: 48104
Owner Phone: 7347478210

5	5 of 6	W	0.02 / 89.35	828.00 / 2	University Fuel Mart 300 N Main St Ann Arbor MI	LUST
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Facility ID: 00005725
EPA ID:
LUST Name:
Contaminant Class :
Regulat Pgm (RIDE):
County (RIDE):
Township (RIDE):
Facility Name (RIDE):
Full Address (RIDE):
Facility City (RIDE):
Company Name (Map): University Fuel Mart
Address (Map): 300 N Main St
City (Map): Ann Arbor
ZIP (Map): 48104
Location Name: University Fuel Mart
Street Address: 300 N Main St
City Village: Ann Arbor
Zip Code: 48104
Data Source: LUST List; Leaking Underground Storage Tanks Part 213 Closed (Map)

Latitude (RIDE):
Longitude (RIDE):
County (Map): Washtenaw
Lat (Map): 42.283393
Long (Map): -83.748276
County: Washtenaw
EGLE Distri: Jackson

LUST Details (EGLE Enviromental Mapper)

Owner ID: 60988
Active Site: Yes
Close Site: No
Close LUST: Closed
Open LUST: 0
Restrict: YES
Source: State of MI
Col Date: 2001-11-01 00:00:00
District: Jackson District Office
MOC: Address Matching-House Number
Geometry: MULTIPOINT (-83.74827137641681 42.28338486892044)

H Datum: NAD83
Accuracy: 100
Acc Unit: FEET
Shp Type: POINT
Desc Cater: Plant Entrance (Freight)
Updated on: 2013-03-07 14:22:12.457
MGR X:
MGR Y:

LUST List

Release ID: REL-0372-92
Release Discovered Date: NULL
Release Closed Date: 1996-10-10 00:00:00.000
Date Reported: 1992-03-04 00:00:00.000
Address Details: NULL
Release Status: Closed

5	6 of 6	W	0.02 / 89.35	828.00 / 2	AMOCO OIL CO 5172 300 N MAIN ST ANN ARBOR MI 48104	WASTE
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
WDS ID:		404649				
Site ID:		MID985607571				
County:		WASHTENAW				
Legal Name:		AMOCO OIL CO				
Contact Name:						
Contact Phone:						
Contact Email:						

<u>6</u>	1 of 3	E	0.02 / 92.18	827.30 / 1	303 DETROIT STREET LLC 303 DETROIT ST ANN ARBOR MI 48104	RCRA NON GEN
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EPA Handler ID: MIK975345401
Gen Status Universe: No Report
Contact Name: MICHAEL J GENRICH
Contact Address: US
Contact Phone No and Ext: 734-929-1005
Contact Email: MGENRICH@MAVD.COM
Contact Country: US
County Name: WASHTENAW
EPA Region: 05
Land Type: Private
Receive Date: 20120223
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jul 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

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: 20120223
Handler Name: 303 DETROIT STREET LLC
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

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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Owner/Operator Details

Owner/Operator Ind:	Current Operator	Street No:
Type:	Private	Street 1:
Name:	303 DETROIT STREET LLC	Street 2:
Date Became Current:	19880601	City:
Date Ended Current:		State:
Phone:		Country:
Source Type:	Notification	Zip Code:

6	2 of 3	E	0.02 / 92.18	827.30 / 1	303 DETROIT STREET LLC 303 DETROIT ST ANN ARBOR MI 48104	FINDS/FRS
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Registry ID:	110044976568
FIPS Code:	26161
HUC Code:	04090005
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	20-MAR-12
Update Date:	28-MAR-14
Interest Types:	UNSPECIFIED UNIVERSE
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
NAICS Code Descriptions:	
Conveyor:	FRS-GEOCODE
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No:	15
Census Block Code:	261614007001022
EPA Region Code:	05
County Name:	WASHTENAW
US/Mexico Border Ind:	
Latitude:	42.28339
Longitude:	-83.74665
Reference Point:	CENTER OF A FACILITY OR STATION
Coord Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value:	30
Datum:	NAD83
Source:	
Facility Detail Rprt URL:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110044976568
Data Source:	Facility Registry Service - Single File
Program Acronyms:	

6	3 of 3	E	0.02 / 92.18	827.30 / 1	MARKETPLACE 303 DETROIT ST ANN ARBOR MI 48104	WASTE
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WDS ID:	490748
Site ID:	MIK975345401
County:	WASHTENAW

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Legal Name: 303 DETROIT STREET LLC
Contact Name:
Contact Phone:
Contact Email:

7	1 of 12	NW	0.02 / 93.72	825.07 / -1	320 N. Main & 301 N. East Streets MI	BEA
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Facility ID (Web): Bea No (Web): 199700104JK Fac Name (Web): Address (Web): 320 N. Main & 301 N. East Streets City (Web): Zip (Web): County (Web): Washtenaw Township (Web): Chelsea Village District (Web): Jackson Latitude (Web): Longitude (Web): Data Source (Web): BEA Accuracy: Facility 2: Source: Submitted: Source: DEQ Inventory of Facilities (Web)	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:
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7	2 of 12	NW	0.02 / 93.72	825.07 / -1	320 N. Main & 301 N. East Streets MI	BEA
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Facility ID (Web): Bea No (Web): 199700106JK Fac Name (Web): Address (Web): 320 N. Main & 301 N. East Streets City (Web): Zip (Web): County (Web): Washtenaw Township (Web): Chelsea Village District (Web): Jackson Latitude (Web): Longitude (Web): Data Source (Web): BEA Accuracy: Facility 2: Source: Submitted: Source: DEQ Inventory of Facilities (Web)	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:
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7	3 of 12	NW	0.02 / 93.72	825.07 / -1	320 N. Main & 301 N. East Streets MI	BEA
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Facility ID (Web): Bea No (Web): 199700105JK Fac Name (Web): Address (Web): 320 N. Main & 301 N. East Streets City (Web): Zip (Web): County (Web): Washtenaw Township (Web): Chelsea Village District (Web): Jackson Latitude (Web):	Facility ID (Map): Bea No (Map): Fac Name (Map): Address (Map): City (Map): Zip (Map): County (Map): Township (Map): District (Map): Latitude (Map):
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Longitude (Web): Data Source (Web): BEA Accuracy: Facility 2: Source: Submitted: Source:		Direction: NW Distance (mi/ft): 0.02 / 93.72		Elev/Diff (ft): 825.07 / -1 Site: 320 N. Main & 301 N. East Streets MI		BEA

7	4 of 12	NW	0.02 / 93.72	825.07 / -1	320 N. Main & 301 N. East Streets MI	BEA
Facility ID (Web): Bea No (Web): 199700107JK Fac Name (Web): Address (Web): 320 N. Main & 301 N. East Streets City (Web): Zip (Web): County (Web): Washtenaw Township (Web): Chelsea Village District (Web): Jackson Latitude (Web): Longitude (Web): Data Source (Web): BEA Accuracy: Facility 2: Source: Submitted: Source:		Direction: NW Distance (mi/ft): 0.02 / 93.72		Elev/Diff (ft): 825.07 / -1 Site: 320 N. Main & 301 N. East Streets MI		BEA

7	5 of 12	NW	0.02 / 93.72	825.07 / -1	320 N. Main & 301 N. East MI	BEA
Facility ID (Web): Bea No (Web): 199800115JK Fac Name (Web): Address (Web): 320 N. Main & 301 N. East City (Web): Zip (Web): County (Web): Washtenaw Township (Web): Chelsea Village District (Web): Jackson Latitude (Web): Longitude (Web): Data Source (Web): BEA Accuracy: Facility 2: Source: Submitted: Source:		Direction: NW Distance (mi/ft): 0.02 / 93.72		Elev/Diff (ft): 825.07 / -1 Site: 320 N. Main & 301 N. East MI		BEA

7	6 of 12	NW	0.02 / 93.72	825.07 / -1	320 N. Main & 301 N. East MI	BEA
Facility ID (Web): Bea No (Web): 199800116JK Fac Name (Web): Address (Web): 320 N. Main & 301 N. East City (Web): Zip (Web): County (Web): Washtenaw		Direction: NW Distance (mi/ft): 0.02 / 93.72		Elev/Diff (ft): 825.07 / -1 Site: 320 N. Main & 301 N. East MI		BEA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Township (Web): District (Web): Latitude (Web): Longitude (Web): Data Source (Web): Accuracy: Facility 2: Source: Submitted: Source:	Chelsea Village Jackson BEA DEQ Inventory of Facilities (Web)				Township (Map): District (Map): Latitude (Map): Longitude (Map): Data Source (Map): Method of Collect: Object ID: ID:	

7	7 of 12	NW	0.02 / 93.72	825.07 / -1	320 N. Main & 301 N. East MI	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:	199800117JK 320 N. Main & 301 N. East Washtenaw Chelsea Village Jackson BEA DEQ Inventory of Facilities (Web)				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:	

7	8 of 12	NW	0.02 / 93.72	825.07 / -1	320 N. Main & 301 N. East MI	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:	199800118JK 320 N. Main & 301 N. East Washtenaw Chelsea Village Jackson BEA DEQ Inventory of Facilities (Web)				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:	

7	9 of 12	NW	0.02 / 93.72	825.07 / -1	320 N. Main & 301 N. East Streets MI	BEA
Facility ID (Web): Bea No (Web): Fac Name (Web): Address (Web):	199900166JK 320 N. Main & 301 N. East Streets				Facility ID (Map): Bea No (Map): Fac Name (Map): Address (Map):	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
City (Web): Zip (Web): County (Web): Washtenaw Township (Web): Chelsea Village District (Web): Jackson Latitude (Web): Longitude (Web): Data Source (Web): BEA Accuracy: Facility 2: Source: Submitted: Source: DEQ Inventory of Facilities (Web)					City (Map): Zip (Map): County (Map): Township (Map): District (Map): Latitude (Map): Longitude (Map): Data Source (Map): Method of Collect: Object ID: ID:	

[7](#) 10 of 12 NW 0.02 / 93.72 825.07 / -1 320 N. Main & 301 N. East Streets MI BEA

Facility ID (Web): Bea No (Web): 199900167JK Fac Name (Web): Address (Web): 320 N. Main & 301 N. East Streets City (Web): Zip (Web): County (Web): Washtenaw Township (Web): Chelsea Village District (Web): Jackson Latitude (Web): Longitude (Web): Data Source (Web): BEA Accuracy: Facility 2: Source: Submitted: Source: DEQ Inventory of Facilities (Web)					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:	
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[7](#) 11 of 12 NW 0.02 / 93.72 825.07 / -1 320 N. Main & 301 N. East Streets MI BEA

Facility ID (Web): Bea No (Web): 199900168JK Fac Name (Web): Address (Web): 320 N. Main & 301 N. East Streets City (Web): Zip (Web): County (Web): Washtenaw Township (Web): Chelsea Village District (Web): Jackson Latitude (Web): Longitude (Web): Data Source (Web): BEA Accuracy: Facility 2: Source: Submitted: Source: DEQ Inventory of Facilities (Web)					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:	
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[7](#) 12 of 12 NW 0.02 / 93.72 825.07 / -1 320 N. Main & 301 N. East Streets MI BEA

Facility ID (Web):					Facility ID (Map):	
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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:	199900169JK 320 N. Main & 301 N. East Streets Washtenaw Chelsea Village Jackson BEA				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:	
			DEQ Inventory of Facilities (Web)			

8 1 of 1 **WSW** **0.03 / 167.28** **828.18 / 2** **Corner of Catherine and north Main Ann Arbor MI** **SPILLS**

Incident No: Incident No Related: Complainant Type: Observed Date: Observed Time: Occurred Date: 5/24/2003 Occurred Time: 10:36:00 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: Gasoline/unknown amount 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:	GF Comp Date: Weather or Wind: Wind Direction: Rain Condition: Old Wind Direction: Name of Water Body: Last Updated Date: Operator In: District: Jackson Office/After Hours: Ambs Intake Agent: Observed Time Keep: Tm Stamp Hr Orig: Int Time Format: Time Corr Format: Date Stamp: 5/24/2003 Time Stamp: 10:52:00 AM PEAS Dispatcher: PS - PEAS Special Referral: Date and Time Stamp: Optrinit: Optrno: Smu3init: Pecctime: Peccdate: District Backup: Incident Township: Incident County: Washtenaw Latitude: Longitude:
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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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):

9	1 of 1	WSW	0.04 / 227.93	829.52 / 3	WASHTENAW COUNTY SOLID WASTE DIVISION 220 N MAIN ST ANN ARBOR MI 48103	WASTE
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WDS ID: 498870
 Site ID:
 County: WASHTENAW
 Legal Name: WASHTENAW COUNTY SOLID WASTE DIVISION
 Contact Name:
 Contact Phone:
 Contact Email:

10	1 of 1	E	0.05 / 280.81	833.21 / 7	312 & 314 Detroit Street and 303 North Fifth Street 312 & 314 Detroit Street and 303 North Fifth Street ANN ARBOR MI 48104	FED BROWNFIELDS
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Property ID: 250691
 Lat Measure: 42.271105000000034
 Long Measure: -83.73450999999994
 Property Name: 312 & 314 Detroit Street and 303 North Fifth Street
 Address: 312 & 314 Detroit Street and 303 North Fifth Street
 City: ANN ARBOR
 State Code: MI
 Zip Code: 48104
 Primary Name (Map): 312 & 314 DETROIT STREET AND 303 NORTH FIFTH STREET
 Location Address (Map): 312 & 314 DETROIT STREET AND 303 NORTH FIFTH STREE
 City Name (Map): ANN ARBOR
 County Name (Map): WASHTENAW
 State Code (Map): MI
 Postal Code (Map): 48104

BF Property (Map): 250691
 Latitude (Map): 42.271105
 Longitude (Map): -83.73451

Brownfields Details

Registry I: 110071162878
 EPA Region: 05
 Cat No: 04090005
 RCRA Handl:
 RCRA Curre:
 RCRA Remed:

EPA ID:
 BF RLF Gra:
 BF RLF Pil:
 BF Assess :
 BF Cleanup:
 BF Tba Ind:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
RCRA Const:					BF 128a In:	
RCRA EI He:					BF IC Code:	N
RCRA EI Gm:					BF IC Gc I:	U
RCRA Rem 1:					BF IC Ep I:	U
RCRA Ec Gw:					BF IC ID I:	U
RCRA Ec Ng:					BF IC Pr I:	U
RCRA IC Ep:					FF Brac In:	
RCRA IC Gc:					BF RLF Ind:	
RCRA IC ID:					BF Assess1:	Y
RCRA IC Pr:					BF Multipu:	
FF RCRA In:					BF Awp Ind:	
RCRA Trans:					BF Showcas:	
RCRA Tra 1:					BF 128a P :	
RCRA Ec Co:					LUST Relea:	
RCRA IC Co:					LUST Award:	
RCRA Gpra :					LUST State:	
RCRA Rem 2:					Congressio:	MI-12
RCRA Dru 1:					FD Agency :	
SF Site ID:					FD Listing:	
SF Ec Ind:					FD Non NPL:	
SF EI Gm C:					FD RCRA Ha:	
SF EI He C:					FD RCRA Ca:	
SF IC Ind:					FD SF NPL :	
SF NPL Cod:					FD FF Ind:	
SF NPL C 1:					FD Ej Code:	
SF Admin F:					FD Brac In:	
FF And Sit:					FD Federal:	
FF SF Ind:					FD Hrs Sco:	
Map Symbol:	B				FD Ongoing:	
Data Refre:	29-Jul-2022				FD NPL Sta:	
GIS Refres:					FD Non N 1:	
New Site:					FD RCRA Gw:	
Repow Ref :					FD RCRA He:	
EPAOSC Sit:					FD GMS Sur:	
EPAOSC Res:					FD Hes Sur:	
EPAOSC R 1:					FD SF Site:	
EPAOSC Sta:					FD Brac Ro:	
EPAOSC Inc:					Stimulus S:	
Desc :					Stimulus B:	
Ind Name:						
Cat Name:		Huron				
Sub Name:		Huron				
Primary Name:		312 & 314 DETROIT STREET AND 303 NORTH FIFTH STREET				
RCRA Drupa:						
Url:		https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%22250691.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page				
Census Url:		https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-83.73450999999999%2C42.271105&featype=point&radius=1.0				
ACS Url:		https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-83.73450999999999%2C42.271105&featype=point&radius=1.0				
SF Site Na:					UST Status:	
SF Non Npl:					UST Substa:	
SF Non N 1:					UST Landus:	
SF Non N 3:					UST SPA Wa:	
ERR Lat Lo:					UST SPA Fa:	
REPOW BF:					UST WHPA W:	
REPOW SF:					UST WHPA F:	
REPOW RCRA:					UST Open:	
REPOW Ref1:					UST Closed:	
RCRA Han 1:					LUST ID:	
RCRA Rau I:					Saa Site:	
BF Propert:		250691-				
REPOW Re 1:						
BF Prope 1:		312 & 314 Detroit Street and 303 North Fifth Street				
SF Non N 2:						

Cleanups In My Community (CIMC)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Grant ID:	69605992				ASMT Cntrl Sub :	
Grant Type:	Assessment				Cleanup Cntrl Sub :	
EPA Region:	05				ASMT Asbestos :	
Ownership Entity:	Private				Cleanup Asbestos :	
Latitude Measure:	42.271105000000034				ASMT PcbS :	
Longitude Measure:	-83.73450999999994				Cleanup PcbS :	
Flag Cleanup Reqd:	Y				ASMT Vocs :	
Flag IC Required:	N				Cleanup Vocs :	
Stcntrbg:					ASMT Lead :	Y
Property Size:	.13				Cleanup Lead :	
Flag IC in Place:					ASMT Oth Metal :	Y
IC in Place Date:					Cleanup Oth Metal :	
Prop Cntrl :					ASMT Pahs :	
Gov Cntrl :					Cleanup Pahs :	
Permit Tools :					ASMT Oth Cont:	
Info DevICes :					Cleanup Oth Cont:	
Prop Fndng Type Cd:					ASMT Air :	
Ownshp Changed :					Cleanup Air :	
Sflp Factor :					ASMT Drk Wat:	
Source Mapscale No:					Cleanup Drk Wat:	
Past Cml Acres:	.13				ASMT Grd Water:	Y
Future Cml Acres:					Cleanup Grd Water:	
Past Grnspc Acres:					ASMT Sediments :	
Future Grnspc Acres:					Cleanup Sediments :	
Past Acres:					ASMT Soil :	Y
Future Acres:					Cleanup Soil :	
Past Res Acres:					ASMT Srf Water :	
Future Res Acres:					Cleanup Srf Water :	
St Enrollment Dt:					Other Media :	
St Enrollment ID:					Unknown Media :	
St NFA Dt:					Ready For Reuse :	N
Assess Petrol Prod :					Assess Amount:	
Cleanup Petrol Prod :					Assess Fnd Ent Nm:	
Assess Start Dt:					Photo Available :	
Assess Cmpltn Dt:					Video Available :	
Cleanup Start Dt:					Cleanup Acres:	
Cleanup Cmpltn Dt:					Cleanup Amount:	
Redev Start Dt:					Redev Acres:	
Redev Cleanup Jobs:					Redev Amount:	
Grant Recipient Nm:	Downriver Community Conference					
PropertyNm:	312 & 314 Detroit Street and 303 North Fifth Street					
Address:	312 & 314 Detroit Street and 303 North Fifth Street					
City:	ANN ARBOR					
State Code:	MI					
Zip Code:	48104					
Local Parcel No:	09-09-29-124-003; 09-09-29-124-002; 09-09-29-124-001					
Current Owner:						
IC Data Address:						
Horizontal Collection Method:						
Reference Point:						
Horizontal Reference Datum:						
Other Description:						
Other Desc Cleaned Up:						
Assess Type:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Redev Funding Entity Nm:						
Desc Hist:						
Accmplisht Cnt Flag:					Vacant Housing:	
Coop Agreement No:	00E02888				Vacant Housing Pct:	
Past Mltistry Acres:					Total Unemployed:	
Ftr Multistory Acres:					Unemployed Pct:	
Assess Cadmium :	Y				Radius:	
Clnup Cadmium :					Actvy Funded:	
Assess Chromium :	Y				Redev Lvrgd Srcs:	
Clnup Chromium :					AA Amt Funding:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Assess Copper :					Flag Clnup Trmt Tech:	Y
Clnup Copper :					Excavation Disposal:	Y
Assess Iron :					Extrctn of Cntmnts:	
Clnup Iron :					Removal of Mats:	
Assess Nickel :					Rdctn of Cntmnts:	
Clnup Nickel :					Clnup of Structures:	
Assess Selenium :	Y				Env EC Required:	N
Clnup Selenium :					Flag EC Cover Tech:	
Assess Mercury :	Y				Flag EC Security:	
Clnup Mercury :					Flag EC Immblyztn:	
Assess ArsenIC :	Y				Flag EC Eng Barriers:	
Clnup ArsenIC :					Flag EC Other:	
Assess Bldg Mats :					Env IC in Place:	
Clnup Bldg Mats :					Env EC in Place:	
Assess oorair :	Y				Env Clnup Jobs:	
Clnup oorair :					Sect 128 A State Trbl:	
Assess None :					Multipurpose:	
Clnup None :					Clnup Cst Shr Amt:	
Assess Pesticides :					RLF Loan Amount:	
Clnup Pesticides :					RLF Ln Cst Shr Amt:	
Assess Unknown :					Pro Income Amt:	
Clnup Unknown :					Dt RLF Loan Signed:	
Assess Svocs :					Repayment Period:	
Clnup Svocs :					Interest Rate:	
Clnup Unkn Media :					RLF Subgrant Amt:	
Redev Cmpltn Date:					Cost Share Amt:	
Pro Code:	BF				Env Pro Income Amt:	
FCA Fy:					Dt RLF Sbrgrnt Signd:	
Flag EC in Place:					Clnup Actvy Funded:	
Flag EC Required:	N				Below Poverty:	
RFR Notation:					Below Poverty Pct:	
Gpa Type ID:	11				Median Income:	
Clnup Doc:					Low Income:	
Awp Catalyst Yn:					Low Income Pct:	
Flag Prop Not Enrld:	Y					
Redev Fund Entity:						
Gpa Type Desc:		Cleanup Jobs Leveraged				
AA Actvy Funded:						
AA Source of Funding:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
Other Forms of Doc:						
IC Addl Info:						
Highlights:					The Property consists of approximately 0.13 acres of land developed with two buildings totaling approximately 4,000 square feet. The remainder of the Property is developed with landscaping, paved parking, and includes a subsurface geothermal field. The Property is located in a commercial and residential area of Ann Arbor (Figure 2). The site is currently occupied with a warehouse, surface parking, and a restaurant. Historical uses include residential dwellings, gasoline filling station, and retail business. Petroleum contamination resulting from past releases from underground storage tanks at the property and southwesterly adjacent former gasoline filling station.	
Property Alias:					Triangle Site Development	
Ctmnt Found:					Lead Other Metals	
Ctmnt Cleanedup:						
Ctmnt Rec:						
Lead Other Metals						
Media Affected:						
Ground Water Air Soil						
Cleanups In My Community (CIMC)						
Grant ID:	69605992				ASMT Cntrl Sub :	
Grant Type:	Assessment				Cleanup Cntrl Sub :	
EPA Region:	05				ASMT Asbestos :	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Ownership Entity:	Private				Cleanup Asbestos :	
Latitude Measure:	42.271105000000034				ASMT PcbS :	
Longitude Measure:	-83.73450999999994				Cleanup PcbS :	
Flag Cleanup Reqcd:	Y				ASMT VocS :	
Flag IC Required:	N				Cleanup VocS :	
Stcntrbg:					ASMT Lead :	Y
Property Size:	.13				Cleanup Lead :	
Flag IC in Place:					ASMT Oth Metal :	Y
IC in Place Date:					Cleanup Oth Metal :	
Prop Cntrl :					ASMT Pahs :	
Gov Cntrl :					Cleanup Pahs :	
Permit Tools :					ASMT Oth Cont:	
Info Dev/Ces :					Cleanup Oth Cont:	
Prop Fnding Type Cd:					ASMT Air :	
Ownshp Changed :					Cleanup Air :	
Sflp Factor :					ASMT Drk Wat:	
Source Mapscale No:					Cleanup Drk Wat:	
Past Cml Acres:	.13				ASMT Grd Water:	Y
Future Cml Acres:					Cleanup Grd Water:	
Past Grnspc Acres:					ASMT Sediments :	
Future Grnspc Acres:					Cleanup Sediments :	
Past Acres:					ASMT Soil :	Y
Future Acres:					Cleanup Soil :	
Past Res Acres:					ASMT Srf Water :	
Future Res Acres:					Cleanup Srf Water :	
St Enrollment Dt:					Other Media :	
St Enrollment ID:					Unknown Media :	
St NFA Dt:					Ready For Reuse :	N
Assess Petrol Prod :					Assess Amount:	
Cleanup Petrol Prod :					Assess Fnd Ent Nm:	
Assess Start Dt:					Photo Available :	
Assess Cmpltn Dt:					Video Available :	
Cleanup Start Dt:					Cleanup Acres:	
Cleanup Cmpltn Dt:					Cleanup Amount:	
Redev Start Dt:					Redev Acres:	
Redev Cleanup Jobs:					Redev Amount:	
Grant Recipient Nm:		Downriver Community Conference				
PropertyNm:		312 & 314 Detroit Street and 303 North Fifth Street				
Address:		312 & 314 Detroit Street and 303 North Fifth Street				
City:		ANN ARBOR				
State Code:		MI				
Zip Code:		48104				
Local Parcel No:		09-09-29-124-003; 09-09-29-124-002; 09-09-29-124-001				
Current Owner:						
IC Data Address:						
Horizontal Collection Method:						
Reference Point:						
Horizontal Reference Datum:						
Other Description:						
Other Desc Cleaned Up:						
Assess Type:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Redev Funding Entity Nm:						
Desc Hist:						
Accmplisht Cnt Flag:					Vacant Housing:	
Coop Agreement No:	00E02888				Vacant Housing Pct:	
Past Mltistry Acres:					Total Unemployed:	
Ftr Multistory Acres:					Unemployed Pct:	
Assess Cadmium :	Y				Radius:	
Clnup Cadmium :					Actvy Funded:	
Assess Chromium :	Y				Redev Lvrgd Srcs:	
Clnup Chromium :					AA Amt Funding:	
Assess Copper :					Flag Clnup Trmt Tech:	Y
Clnup Copper :					Excavation Disposal:	Y
Assess Iron :					Extrctn of Cntmnts:	
Clnup Iron :					Removal of Mats:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Assess Nickel :					Rdctn of Cntmnts:	
Clnup Nickel :					Clnup of Structures:	
Assess Selenium :	Y				Env EC Required:	N
Clnup Selenium :					Flag EC Cover Tech:	
Assess Mercury :	Y				Flag EC Security:	
Clnup Mercury :					Flag EC Immblyztn:	
Assess ArsenIC :	Y				Flag EC Eng Barriers:	
Clnup ArsenIC :					Flag EC Other:	
Assess Bldg Mats :					Env IC in Place:	
Clnup Bldg Mats :					Env EC in Place:	
Assess oorair :	Y				Env Clnup Jobs:	
Clnup oorair :					Sect 128 A State Trbl:	
Assess None :					Multipurpose:	
Clnup None :					Clnup Cst Shr Amt:	
Assess Pesticides :					RLF Loan Amount:	
Clnup Pesticides :					RLF Ln Cst Shr Amt:	
Assess Unknown :					Pro Income Amt:	
Clnup Unknown :					Dt RLF Loan Signed:	
Assess Svocs :					Repayment Period:	
Clnup Svocs :					Interest Rate:	
Clnup Unkn Media :					RLF Subgrant Amt:	
Redev Cmpltn Date:					Cost Share Amt:	
Pro Code:	BF				Env Pro Income Amt:	
FCA Fy:					Dt RLF Sbrgrnt Signd:	
Flag EC in Place:					Clnup Actvy Funded:	
Flag EC Required:	N				Below Poverty:	
RFR Notation:					Below Poverty Pct:	
Gpa Type ID:	10				Median Income:	
Clnup Doc:					Low Income:	
Awp Catalyst Yn:					Low Income Pct:	
Flag Prop Not Enrld:	Y					
Redev Fund Entity:						
Gpa Type Desc:		Redevelopment Jobs Leveraged				
AA Actvy Funded:						
AA Source of Funding:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
Other Forms of Doc:						
IC Addl Info:						
Highlights:		The Property consists of approximately 0.13 acres of land developed with two buildings totaling approximately 4,000 square feet. The remainder of the Property is developed with landscaping, paved parking, and includes a subsurface geothermal field. The Property is located in a commercial and residential area of Ann Arbor (Figure 2). The site is currently occupied with a warehouse, surface parking, and a restaurant. Historical uses include residential dwellings, gasoline filling station, and retail business. Petroleum contamination resulting from past releases from underground storage tanks at the property and southwesterly adjacent former gasoline filling station.				
Property Alias:		Triangle Site Development				
Ctmnt Found:		Lead Other Metals				
Ctmnt Cleanedup:						
Ctmnt Rec:						
Lead Other Metals						
Media Affected:						
Ground Water Air Soil						
<u>Cleanups In My Community (CIMC)</u>						
Grant ID:	69605992				ASMT Cntrl Sub :	
Grant Type:	Assessment				Cleanup Cntrl Sub :	
EPA Region:	05				ASMT Asbestos :	
Ownership Entity:	Private				Cleanup Asbestos :	
Latitude Measure:	42.271105000000034				ASMT Pcb : :	
Longitude Measure:	-83.73450999999994				Cleanup Pcb : :	
Flag Cleanup Reqd:	Y				ASMT Vocs :	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Flag IC Required:	N				Cleanup Vocs :	
Stcntrbg:					ASMT Lead :	Y
Property Size:	.13				Cleanup Lead :	
Flag IC in Place:					ASMT Oth Metal :	Y
IC in Place Date:					Cleanup Oth Metal :	
Prop Cntrl :					ASMT Pahs :	
Gov Cntrl :					Cleanup Pahs :	
Permit Tools :					ASMT Oth Cont:	
Info DevICes :					Cleanup Oth Cont:	
Prop Fnding Type Cd:					ASMT Air :	
Ownshp Changed :					Cleanup Air :	
Sfillp Factor :					ASMT Drk Wat:	
Source Mapscale No:					Cleanup Drk Wat:	
Past Cml Acres:	.13				ASMT Grd Water:	Y
Future Cml Acres:					Cleanup Grd Water:	
Past Grnspc Acres:					ASMT Sediments :	
Future Grnspc Acres:					Cleanup Sediments :	
Past Acres:					ASMT Soil :	Y
Future Acres:					Cleanup Soil :	
Past Res Acres:					ASMT Srf Water :	
Future Res Acres:					Cleanup Srf Water :	
St Enrollment Dt:					Other Media :	
St Enrollment ID:					Unknown Media :	
St NFA Dt:					Ready For Reuse :	N
Assess Petrol Prod :					Assess Amount:	
Cleanup Petrol Prod :					Assess Fnd Ent Nm:	
Assess Start Dt:					Photo Available :	
Assess Cmpltn Dt:					Video Available :	
Cleanup Start Dt:					Cleanup Acres:	
Cleanup Cmpltn Dt:					Cleanup Amount:	
Redev Start Dt:					Redev Acres:	
Redev Cleanup Jobs:					Redev Amount:	
Grant Recipient Nm:		Downriver Community Conference				
PropertyNm:		312 & 314 Detroit Street and 303 North Fifth Street				
Address:		312 & 314 Detroit Street and 303 North Fifth Street				
City:		ANN ARBOR				
State Code:		MI				
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Local Parcel No:		09-09-29-124-003; 09-09-29-124-002; 09-09-29-124-001				
Current Owner:						
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Horizontal Collection Method:						
Reference Point:						
Horizontal Reference Datum:						
Other Description:						
Other Desc Cleaned Up:						
Assess Type:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Redev Funding Entity Nm:						
Desc Hist:						
Accmplisht Cnt Flag:					Vacant Housing:	
Coop Agreement No:	00E02888				Vacant Housing Pct:	
Past Mltistry Acres:					Total Unemployed:	
Ftr Multistory Acres:					Unemployed Pct:	
Assess Cadmium :	Y				Radius:	
Clnup Cadmium :					Actvy Funded:	
Assess Chromium :	Y				Redev Lvrgd Srcs:	
Clnup Chromium :					AA Amt Funding:	
Assess Copper :					Flag Clnup Trmt Tech:	Y
Clnup Copper :					Excavation Disposal:	Y
Assess Iron :					Extrctn of Cntmnts:	
Clnup Iron :					Removal of Mats:	
Assess Nickel :					Rdctn of Cntmnts:	
Clnup Nickel :					Clnup of Structures:	
Assess Selenium :	Y				Env EC Required:	N
Clnup Selenium :					Flag EC Cover Tech:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Assess Mercury :	Y				Flag EC Security:	
Clnup Mercury :					Flag EC Immblyztn:	
Assess ArsenIC :	Y				Flag EC Eng Barriers:	
Clnup ArsenIC :					Flag EC Other:	
Assess Bldg Mats :					Env IC in Place:	
Clnup Bldg Mats :					Env EC in Place:	
Assess oorair :	Y				Env Clnup Jobs:	
Clnup oorair :					Sect 128 A State Trbl:	
Assess None :					Multipurpose:	
Clnup None :					Clnup Cst Shr Amt:	
Assess Pesticides :					RLF Loan Amount:	
Clnup Pesticides :					RLF Ln Cst Shr Amt:	
Assess Unknown :					Pro Income Amt:	
Clnup Unknown :					Dt RLF Loan Signed:	
Assess Svocs :					Repayment Period:	
Clnup Svocs :					Interest Rate:	
Clnup Unkn Media :					RLF Subgrant Amt:	
Redev Cmplt Date:					Cost Share Amt:	
Pro Code:	BF				Env Pro Income Amt:	
FCA Fy:					Dt RLF Sbrgrnt Signd:	
Flag EC in Place:					Clnup Actvy Funded:	
Flag EC Required:	N				Below Poverty:	
RFR Notation:					Below Poverty Pct:	
Gpa Type ID:	5				Median Income:	
Clnup Doc:	N				Low Income:	
Awp Catalyst Yn:					Low Income Pct:	
Flag Prop Not Enrld:	Y					
Redev Fund Entity:						
Gpa Type Desc:		Cleanup Activity				
AA Actvy Funded:						
AA Source of Funding:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
Other Forms of Doc:						
IC Addl Info:						
Highlights:					The Property consists of approximately 0.13 acres of land developed with two buildings totaling approximately 4,000 square feet. The remainder of the Property is developed with landscaping, paved parking, and includes a subsurface geothermal field. The Property is located in a commercial and residential area of Ann Arbor (Figure 2). The site is currently occupied with a warehouse, surface parking, and a restaurant. Historical uses include residential dwellings, gasoline filling station, and retail business. Petroleum contamination resulting from past releases from underground storage tanks at the property and southwesterly adjacent former gasoline filling station.	
Property Alias:					Triangle Site Development	
Ctmnt Found:					Lead Other Metals	
Ctmnt Cleanedup:						
Ctmnt Rec:						
Lead Other Metals						
Media Affected:						
Ground Water Air Soil						
Cleanups In My Community (CIMC)						
Grant ID:	69605992				ASMT Cntrl Sub :	
Grant Type:	Assessment				Cleanup Cntrl Sub :	
EPA Region:	05				ASMT Asbestos :	
Ownership Entity:	Private				Cleanup Asbestos :	
Latitude Measure:	42.271105000000034				ASMT Pcb : :	
Longitude Measure:	-83.73450999999994				Cleanup Pcb : :	
Flag Cleanup Reqd:	Y				ASMT Vocs :	
Flag IC Required:	N				Cleanup Vocs :	
Stcntrbg:					ASMT Lead :	Y
Property Size:	.13				Cleanup Lead :	
Flag IC in Place:					ASMT Oth Metal :	Y

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
IC in Place Date:					Cleanup Oth Metal :	
Prop Cntrl :					ASMT Pahs :	
Gov Cntrl :					Cleanup Pahs :	
Permit Tools :					ASMT Oth Cont:	
Info DevICes :					Cleanup Oth Cont:	
Prop Fnding Type Cd:					ASMT Air :	
Ownshp Changed :					Cleanup Air :	
Sflp Factor :					ASMT Drk Wat:	
Source Mapscale No:					Cleanup Drk Wat:	
Past Cml Acres:	.13				ASMT Grd Water:	Y
Future Cml Acres:					Cleanup Grd Water:	
Past Grnspc Acres:					ASMT Sediments :	
Future Grnspc Acres:					Cleanup Sediments :	
Past Acres:					ASMT Soil :	Y
Future Acres:					Cleanup Soil :	
Past Res Acres:					ASMT Srf Water :	
Future Res Acres:					Cleanup Srf Water :	
St Enrollment Dt:					Other Media :	
St Enrollment ID:					Unknown Media :	
St NFA Dt:					Ready For Reuse :	N
Assess Petrol Prod :					Assess Amount:	9747.5
Cleanup Petrol Prod :					Assess Fnd Ent Nm:	EPA
Assess Start Dt:	08/06/2021				Photo Available :	
Assess Cmpltn Dt:	09/15/2021				Video Available :	
Cleanup Start Dt:					Cleanup Acres :	
Cleanup Cmpltn Dt:					Cleanup Amount:	
Redev Start Dt:					Redev Acres:	
Redev Cleanup Jobs:					Redev Amount:	
Grant Recipient Nm:		Downriver Community Conference				
PropertyNm:		312 & 314 Detroit Street and 303 North Fifth Street				
Address:		312 & 314 Detroit Street and 303 North Fifth Street				
City:		ANN ARBOR				
State Code:		MI				
Zip Code:		48104				
Local Parcel No:		09-09-29-124-003; 09-09-29-124-002; 09-09-29-124-001				
Current Owner:						
IC Data Address:						
Horizontal Collection Method:						
Reference Point:						
Horizontal Reference Datum:						
Other Description:						
Other Desc Cleaned Up:						
Assess Type:		Phase II Environmental Assessment				
Assess Fund Entity:		US EPA - Brownfields Assessment Cooperative Agreement				
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Redev Funding Entity Nm:						
Desc Hist:						
Accmplisht Cnt Flag:	Y				Vacant Housing:	
Coop Agreement No:	00E02888				Vacant Housing Pct:	
Past Mltistry Acres:					Total Unemployed:	
Ftr Multistory Acres:					Unemployed Pct:	
Assess Cadmium :	Y				Radius:	
Clnup Cadmium :					Actvy Funded:	
Assess Chromium :	Y				Redev Lvrgd Srcs:	
Clnup Chromium :					AA Amt Funding:	
Assess Copper :					Flag Clnup Trmt Tech:	Y
Clnup Copper :					Excavation Disposal:	Y
Assess Iron :					Extrctn of Cntmnts:	
Clnup Iron :					Removal of Mats:	
Assess Nickel :					Rdctn of Cntmnts:	
Clnup Nickel :					Clnup of Structures:	
Assess Selenium :	Y				Env EC Required:	N
Clnup Selenium :					Flag EC Cover Tech:	
Assess Mercury :	Y				Flag EC Security:	
Clnup Mercury :					Flag EC Immblyztn:	
Assess ArsenIC :	Y				Flag EC Eng Barriers:	
Clnup ArsenIC :					Flag EC Other:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Assess Bldg Mats :					Env IC in Place:	
Clnup Bldg Mats :					Env EC in Place:	
Assess oorair :	Y				Env Clnup Jobs:	
Clnup oorair :					Sect 128 A State Trbl:	
Assess None :					Multipurpose:	
Clnup None :					Clnup Cst Shr Amt:	
Assess Pesticides :					RLF Loan Amount:	
Clnup Pesticides :					RLF Ln Cst Shr Amt:	
Assess Unknown :					Pro Income Amt:	
Clnup Unknown :					Dt RLF Loan Signed:	
Assess Svocs :					Repayment Period:	
Clnup Svocs :					Interest Rate:	
Clnup Unkn Media :					RLF Subgrant Amt:	
Redev Crmplt Date:					Cost Share Amt:	
Pro Code:	BF				Env Pro Income Amt:	
FCA Fy:	FY22				Dt RLF Sbrnt Signd:	
Flag EC in Place:					Clnup Actvy Funded:	
Flag EC Required:	N				Below Poverty:	
RFR Notation:					Below Poverty Pct:	
Gpa Type ID:	2				Median Income:	
Clnup Doc:					Low Income:	
Awp Catalyst Yn:					Low Income Pct:	
Flag Prop Not Enrld:	Y					
Redev Fund Entity:						
Gpa Type Desc:		Phase II Environmental Assessment				
AA Actvy Funded:		Phase II Environmental Assessment				
AA Source of Funding:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
Other Forms of Doc:						
IC Addl Info:						
Highlights:					The Property consists of approximately 0.13 acres of land developed with two buildings totaling approximately 4,000 square feet. The remainder of the Property is developed with landscaping, paved parking, and includes a subsurface geothermal field. The Property is located in a commercial and residential area of Ann Arbor (Figure 2). The site is currently occupied with a warehouse, surface parking, and a restaurant. Historical uses include residential dwellings, gasoline filling station, and retail business. Petroleum contamination resulting from past releases from underground storage tanks at the property and southwesterly adjacent former gasoline filling station.	
Property Alias:		Triangle Site Development				
Ctmnt Found:		Lead Other Metals				
Ctmnt Cleanedup:						
Ctmnt Rec:						
Lead Other Metals						
Media Affected:						
Ground Water Air Soil						

Cleanups In My Community (CIMC)

Grant ID:	69605992	ASMT Cntrl Sub :	
Grant Type:	Assessment	Cleanup Cntrl Sub :	
EPA Region:	05	ASMT Asbestos :	
Ownership Entity:	Private	Cleanup Asbestos :	
Latitude Measure:	42.271105000000034	ASMT PcbS :	
Longitude Measure:	-83.73450999999994	Cleanup PcbS :	
Flag Cleanup Reqrd:	Y	ASMT VocS :	
Flag IC Required:	N	Cleanup VocS :	
Stcntrbg:		ASMT Lead :	Y
Property Size:	.13	Cleanup Lead :	
Flag IC in Place:		ASMT Oth Metal :	Y
IC in Place Date:		Cleanup Oth Metal :	
Prop Cntrl :		ASMT PahS :	
Gov Cntrl :		Cleanup PahS :	
Permit Tools :		ASMT Oth Cont:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Info Dev/Ces :					Cleanup Oth Cont:	
Prop Fnding Type Cd:					ASMT Air :	
Ownshp Changed :					Cleanup Air :	
Sflp Factor :					ASMT Drk Wat:	
Source Mapscale No:					Cleanup Drk Wat:	
Past Cml Acres:	.13				ASMT Grd Water:	Y
Future Cml Acres:					Cleanup Grd Water:	
Past Grnspc Acres:					ASMT Sediments :	
Future Grnspc Acres:					Cleanup Sediments :	
Past Acres:					ASMT Soil :	Y
Future Acres:					Cleanup Soil :	
Past Res Acres:					ASMT Srf Water :	
Future Res Acres:					Cleanup Srf Water :	
St Enrollment Dt:					Other Media :	
St Enrollment ID:					Unknown Media :	
St NFA Dt:					Ready For Reuse :	N
Assess Petrol Prod :					Assess Amount:	
Cleanup Petrol Prod :					Assess Fnd Ent Nm:	
Assess Start Dt:					Photo Available :	
Assess Cmpltn Dt:					Video Available :	
Cleanup Start Dt:					Cleanup Acres:	
Cleanup Cmpltn Dt:					Cleanup Amount:	
Redev Start Dt:					Redev Acres:	
Redev Cleanup Jobs:					Redev Amount:	
Grant Recipient Nm:		Downriver Community Conference				
PropertyNm:		312 & 314 Detroit Street and 303 North Fifth Street				
Address:		312 & 314 Detroit Street and 303 North Fifth Street				
City:		ANN ARBOR				
State Code:		MI				
Zip Code:		48104				
Local Parcel No:		09-09-29-124-003; 09-09-29-124-002; 09-09-29-124-001				
Current Owner:						
IC Data Address:						
Horizontal Collection Method:						
Reference Point:						
Horizontal Reference Datum:						
Other Description:						
Other Desc Cleaned Up:						
Assess Type:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Redev Funding Entity Nm:						
Desc Hist:						
Accmplisht Cnt Flag:					Vacant Housing:	
Coop Agreement No:	00E02888				Vacant Housing Pct:	
Past Mltistry Acres:					Total Unemployed:	
Ftr Multistry Acres:					Unemployed Pct:	
Assess Cadmium :	Y				Radius:	
Clnup Cadmium :					Actvy Funded:	
Assess Chromium :	Y				Redev Lvrgd Srcs:	
Clnup Chromium :					AA Amt Funding:	
Assess Copper :					Flag Clnup Trmt Tech:	Y
Clnup Copper :					Excavation Disposal:	Y
Assess Iron :					Extrctn of Cntmnts:	
Clnup Iron :					Removal of Mats:	
Assess Nickel :					Rdctn of Cntmnts:	
Clnup Nickel :					Clnup of Structures:	
Assess Selenium :	Y				Env EC Required:	N
Clnup Selenium :					Flag EC Cover Tech:	
Assess Mercury :	Y				Flag EC Security:	
Clnup Mercury :					Flag EC Immblyztn:	
Assess ArsenIC :	Y				Flag EC Eng Barriers:	
Clnup ArsenIC :					Flag EC Other:	
Assess Bldg Mats :					Env IC in Place:	
Clnup Bldg Mats :					Env EC in Place:	
Assess oorair :	Y				Env Clnup Jobs:	
Clnup oorair :					Sect 128 A State Trbl:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Assess None :					Multipurpose:	
Clnup None :					Clnup Cst Shr Amt:	
Assess Pesticides :					RLF Loan Amount:	
Clnup Pesticides :					RLF Ln Cst Shr Amt:	
Assess Unknown :					Pro Income Amt:	
Clnup Unknown :					Dt RLF Loan Signed:	
Assess Svocs :					Repayment Period:	
Clnup Svocs :					Interest Rate:	
Clnup Unkn Media :					RLF Subgrant Amt:	
Redev Cmpltn Date:					Cost Share Amt:	
Pro Code:	BF				Env Pro Income Amt:	
FCA Fy:					Dt RLF Sbgrnt Signd:	
Flag EC in Place:					Clnup Actvy Funded:	
Flag EC Required:	N				Below Poverty:	
RFR Notation:					Below Poverty Pct:	
Gpa Type ID:	6				Median Income:	
Clnup Doc:					Low Income:	
Awp Catalyst Yn:					Low Income Pct:	
Flag Prop Not Enrld:	Y					
Redev Fund Entity:						
Gpa Type Desc:		Acres Cleaned Up				
AA Actvy Funded:						
AA Source of Funding:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
Other Forms of Doc:						
IC Addl Info:						
Highlights:					The Property consists of approximately 0.13 acres of land developed with two buildings totaling approximately 4,000 square feet. The remainder of the Property is developed with landscaping, paved parking, and includes a subsurface geothermal field. The Property is located in a commercial and residential area of Ann Arbor (Figure 2). The site is currently occupied with a warehouse, surface parking, and a restaurant. Historical uses include residential dwellings, gasoline filling station, and retail business. Petroleum contamination resulting from past releases from underground storage tanks at the property and southwesterly adjacent former gasoline filling station.	
Property Alias:					Triangle Site Development	
Ctmnt Found:					Lead Other Metals	
Ctmnt Cleanedup:						
Ctmnt Rec:						
Lead Other Metals						
Media Affected:						
Ground Water Air Soil						

11 1 of 1 E 0.05 / 287.07 828.60 / 3 Delong BBQ Pit 314 Detroit Street Ann Arbor City MI 48104 AUL

DEQ Ref NO:	NCA-RRD-213-04-282	Program Support:	Nicholas Swartz
Status:	Recorded	Pg Supprt Assig Dt:	5/15/2009 12:05:03.167
SID Facility ID:	00040666	Program Type:	Part 213
Site ID:		Is Commercial I:	NO
MG Entity Code:	STD	Is Commercial II:	NO
Path Name:	U:\KERMIT\12121304282.pdf	Is Commercial III:	YES
Start Date:	5/15/2009 00:00:00	Is Commercial IV:	NO
Finish Date:	5/15/2009 00:00:00	Is Industrial:	NO
District:		Is Residential:	NO
County Name:	Washtenaw	Is Recreation:	NO
Join Field:		Is Multip Land Use:	NO
Reg Deed Date:	7/23/2001 00:00:00	Is Site Specific:	NO
LandUse Restrict Typ:	NCA	Is GW Consumption:	NO
LRUR Type:		Is GW Contact:	NO
LRUR Status:		Is Special Well:	NO
Kermit ID (LRUR):	12121304282	Is Special Buildin:	NO
Area Acres (LRUR):	0.0538	Is Excavation:	NO
Sq Mileage (LRUR):	0.0001	Is Soil Movement:	NO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Mapped By:	Nicholas Swartz				Is All Constructn:	NO
Map Program:	ArclInfo 9.3 and IcoMap 4.2				Is Monitoring Well:	NO
Deq Ref No (Map):	NCA-RRD-213-04-282				Is ExposureBarrier:	NO
Kermite ID (Map):	12121304282				Hlth and Sfty Plan:	NO
Area Acre (Map):	.05383473				Is Permanent Markr:	NO
Sq Mileage (Map):	.00008411				Shape Star:	217.86143494
Restrict 1:	2				Shape Stle:	73.12413401
Restrictio:	2					
Facility Name:	Delong BBQ Pit					
Site Name:						
Property Desc:	Delong BBQ Pit					
Map Desc (LRUR):	DeLong BBQ Pit					
Address1 (LRUR):	314 Detroit Street					
Address2 (LRUR):						
Township (LRUR):	Ann Arbor City					
State (LRUR):	MI					
Zipcode (LRUR):	48104					
Property Legal Desc:						
MG Entity Desc:	Storage Tank Division					
Land Use Type:	Notice of Corrective Action					
Map Desc:	Version:2 2 1 685719.9016:195140.1907 2 1 2 -2:S -1:100.960000000000 FEET 1 2 -2:N53D30'00"W -1:57.740000000000 FEET					
Facility Name (Map):	Delong BBQ Pit					
Address (Map):	314 Detroit Street					
City (Map):	Ann Arbor					
Zip Code (Map):	48104					
Map Comments:	Property polygon is NOT mapped in KERMIT as of 10/09/2008. LUR is mapped in KERMIT as of 20090515 - Nick Swartz					
Comments:	Request received on 7/16/2004. 6/26/08, C&E Section received corrected copies. 8/13/2008, Linda scanned for plotting and linking.					
Data Source(s):	EGLE Environmental Mapper Notice of Corrective Action Polygon; Land or Resource Use Restrictions (LRUR) List					

[12](#) 1 of 1 E 0.06 / 308.00 832.13 / 6 303 North 5th Street 312 and 314 Detroit Street, Ann Arbor 303 N Fifth Street 312 and 314 Detroit, Ann Arbor, MI, 48104 MI SHWS

EPA ID:		Source:	
Facility ID (Web):	81000937	EGLE District:	
Site ID (Map):	81000937	House District:	Darrin Camilleri
Regulatory Program:	201	Senate District:	Jim Runestad
Lust Name:		Hrzaccms:	
Project Manager:	Wilde, Dan	Scale No:	
Release Status:		MGR X:	
Pollutants:		MGR Y:	
Fac Name (Web):	303 North 5th Street 312 and 314 Detroit Street, Ann Arbor		
Address (Web):	303 N Fifth Street 312 and 314 Detroit, Ann Arbor, MI, 48104		
City (Web):	Ann Arbor		
Township (Web):			
County (Web):	Washtenaw		
Latitude (Web):	42.28351072		
Longitude (Web):	-83.74612756		
Site Name (Map):	303 North 5th Street 312 and 314 Detroit		
Address (Map):	303 N Fifth Street 312 and 314 Detroit		
City (Map):	Ann Arbor		
Zip Code (Map):	48104		
County (Map):	Washtenaw		
Latitude (Map):	42.283511		
Longitude (Map):	-83.7461275		
US Congressional District:	Fred Upton		
H Ref Datum:			
H Ref Moc:			
OS Descrip:	Risks Not Determined		
Ref Desc:			
Risk Condition:	Risks Not Determined		
Data Source:	DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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13	1 of 6	E	0.06 / 309.03	829.67 / 4	M A V DEVELOPMENT CO 314 DETROIT ST ANN ARBOR MI 48104	RCRA NON GEN
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EPA Handler ID: MIK219723194
Gen Status Universe: No Report
Contact Name: RICHARD FRENETTE
Contact Address: 314 DETROIT ST , , ANN ARBOR , MI, 48104 , US
Contact Phone No and Ext: 734-930-6700
Contact Email:
Contact Country: US
County Name: WASHTENAW
EPA Region: 05
Land Type: Private
Receive Date: 20010515
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jul 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

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: 20010515
Handler Name: M A V DEVELOPMENT CO
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind: Current Owner	Street No:
Type: Private	Street 1:
Name: M A V DEVELOPMENT CO	Street 2:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date Became Current:	20010515				City:	
Date Ended Current:					State:	
Phone:					Country:	
Source Type:	Implementer				Zip Code:	
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	
Name:	M A V DEVELOPMENT CO				Street 2:	
Date Became Current:	20010515				City:	
Date Ended Current:					State:	
Phone:					Country:	
Source Type:	Implementer				Zip Code:	

[13](#) 2 of 6 E 0.06 / 309.03 829.67 / 4 314 Detroit St MI 48104 BEA

Facility ID (Web):		Facility ID (Map):	
Bea No (Web):	200100279JK	Bea No (Map):	200100279JK
Fac Name (Web):		Fac Name (Map):	
Address (Web):	314 Detroit St	Address (Map):	314 Detroit St
City (Web):		City (Map):	Ann Arbor
Zip (Web):	48104	Zip (Map):	48104
County (Web):	Washtenaw	County (Map):	Washtenaw
Township (Web):	Ann Arbor City	Township (Map):	Ann Arbor City
District (Web):	Jackson	District (Map):	Jackson
Latitude (Web):		Latitude (Map):	42.28334872
Longitude (Web):		Longitude (Map):	-83.74662155
Data Source (Web):	BEA	Data Source (Map):	BEA
Accuracy:		Method of Collect:	Geocode
Facility 2:		Object ID:	6210
Source:		ID:	406
Submitted:			
Source:	DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)		

[13](#) 3 of 6 E 0.06 / 309.03 829.67 / 4 De Long Bbq Pit 314 DETROIT ST ANN ARBOR MI 48104-1116 UST

Facility ID:	00040666
Facility Status:	Inactive
Facility Name:	De Long Bbq Pit
Fac Street No:	314
Fac Street Direc:	
Fac Street Name:	DETROIT
Fac Suffix Type:	ST
Fac Suffix Direc:	
Facility City:	ANN ARBOR
Facility Zip:	48104-1116
Facility County:	WASHTENAW
Facility State:	MI
Fac Name (Map):	De Long Bbq Pit
Address (Map):	314 Detroit St
City (Map):	Ann Arbor
Zip code (Map):	48104
County (Map):	Washtenaw
Latitude (Map):	42.283851
Longitude (Map):	-83.746251
Geometry(Map):	MULTIPOINT (-83.74624637699321 42.28384286873658)
Facility Name (RIDE):	
Full Address (RIDE):	
City (RIDE):	
County (RIDE):	
Township (RIDE):	
Latitude (RIDE):	
Longitude (RIDE):	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Original Source: Licensing and Regulatory Affairs Underground Tank List (LARA); Underground Storage Tanks Part 211 (Map)

Department of Licensing and Regulatory Affairs - Tank & Piping Info

Old Tank ID No:	4	Tank Capacity:	1500
New Tank ID No:	UTK-008833-15	Tank Install Date:	
Tank Status:	Closed in Ground	Tank Removal Date:	06/16/2002
Tank Content:	Gasoline		
Tank Compartments:			
Tank Release Detection:			
Tank Construction:	Asphalt Coated or Bare Steel		
Impressed Current:			
Piping Release Detection:			
Piping Material:	Unknown		
Piping Type:			
Status:	Licensing and Regulatory Affairs Underground Tank List (LARA)		

Old Tank ID No:	2	Tank Capacity:	1500
New Tank ID No:	UTK-106095-15	Tank Install Date:	
Tank Status:	Removed from Ground	Tank Removal Date:	05/21/2001
Tank Content:	Gasoline		
Tank Compartments:			
Tank Release Detection:			
Tank Construction:	Asphalt Coated or Bare Steel		
Impressed Current:			
Piping Release Detection:			
Piping Material:	Unknown		
Piping Type:			
Status:	Licensing and Regulatory Affairs Underground Tank List (LARA)		

Old Tank ID No:	1	Tank Capacity:	1500
New Tank ID No:	UTK-028914-15	Tank Install Date:	
Tank Status:	Removed from Ground	Tank Removal Date:	05/21/2001
Tank Content:	Gasoline		
Tank Compartments:			
Tank Release Detection:			
Tank Construction:	Asphalt Coated or Bare Steel		
Impressed Current:			
Piping Release Detection:			
Piping Material:	Unknown		
Piping Type:			
Status:	Licensing and Regulatory Affairs Underground Tank List (LARA)		

Old Tank ID No:	3	Tank Capacity:	10000
New Tank ID No:	UTK-106099-15	Tank Install Date:	
Tank Status:	Removed from Ground	Tank Removal Date:	05/21/2001
Tank Content:	Gasoline		
Tank Compartments:			
Tank Release Detection:			
Tank Construction:	Asphalt Coated or Bare Steel		
Impressed Current:			
Piping Release Detection:			
Piping Material:	Unknown		
Piping Type:			
Status:	Licensing and Regulatory Affairs Underground Tank List (LARA)		

EGLE Environmental Mapper

Owner ID:	34597	Accuracy:	100
Open LUST:	No	Acc Unit:	FEET
Closed LUST:	Yes	Source:	State of MI
Active Site:	No	Shp Type:	POINT
Closed Site:	Yes	Restrict:	YES
District Name:	Jackson District Office	Desc Cater:	Plant Entrance (Freight)
H Datum:	NAD83		
Collection Method:	Address Matching-House Number		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Department of Licensing and Regulatory Affairs - Tank Owner Info

Owner Name: Mav Corporation
Owner Address: 484 Deer Street
Owner City: Plymouth
Owner State: MI
Owner Zip: 48170
Owner Phone: 7349306700

13	4 of 6	E	0.06 / 309.03	829.67 / 4	De Long Bbq Pit 314 DETROIT ST ANN ARBOR MI	LUST
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Facility ID:	00040666	Latitude (RIDE):	42.283851
EPA ID:		Longitude (RIDE):	-83.746251
LUST Name:		County (Map):	Washtenaw
Contaminant Class :		Lat (Map):	42.283851
Regulat Pgm (RIDE):	213	Long (Map):	-83.746251
County (RIDE):	Washtenaw	County:	Washtenaw
Township (RIDE):	Ann Arbor	EGLE Distri:	Jackson
Facility Name (RIDE):	De Long Bbq Pit		
Full Address (RIDE):	314 DETROIT ST		
Facility City (RIDE):	ANN ARBOR		
Company Name (Map):	De Long Bbq Pit		
Address (Map):	314 Detroit St		
City (Map):	Ann Arbor		
ZIP (Map):	48104		
Location Name:	De Long Bbq Pit		
Street Address:	314 DETROIT ST		
City Village:	ANN ARBOR		
Zip Code:	48104		
Data Source:	EGLE Remediation Information Data Exchange Tanks (RIDE); LUST List; Leaking Underground Storage Tanks Part 213 Closed (Map)		

LUST Details (EGLE Enviromental Mapper)

Owner ID:	34597	H Datum:	NAD83
Active Site:	No	Accuracy:	100
Close Site:	Yes	Acc Unit:	FEET
Close LUST:	Closed	Shp Type:	POINT
Open LUST:	0	Desc Cater:	Plant Entrance (Freight)
Restrict:	YES	Updated on:	2013-03-07 14:22:12.457
Source:	State of MI	MGR X:	
Col Date:	2004-05-10 00:00:00	MGR Y:	
District:	Jackson District Office		
MOC:	Address Matching-House Number		
Geometry:	MULTIPOINT (-83.74624637699321 42.28384286873658)		

Locations

EPA ID:		Senate District:	
Release Status:	Closed	House District:	
Egle District:	Jackson	US Congr District:	
Project Manager:	Wilde, Dan		
Risk Condition:	Risk Controlled		
LUST Name:	De Long Bbq Pit		

Facility Release

Release ID: REL-0160-01
Type of Release: Confirmed
Current Classification: Class 5
Corrective Action Status: Complete

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

Facility Release Details

Release ID: REL-0160-01
Current Classification: Class 5
Corrective Action Status: Complete
Previous Classification: Class 4
Entry Date: 12/14/2001
Date Release Was Cancelled:
Date Reported: 03/15/2001
Closed With State Funds: No
Date Release Was Upgraded:
Highest Classification: Class 4
Type of Evaluation:
Institutional Controls: No
Upgrade Cancel Date:
Project Manager When Closed: Hiske, Terry
Release Closed: Non-Residential Closure
Closed Date: 08/07/2001

LUST List

Release ID: REL-0160-01
Release Discovered Date: NULL
Release Closed Date: 2001-08-07 00:00:00.000
Date Reported: 2001-03-15 00:00:00.000
Address Details: NULL
Release Status: Closed

13	5 of 6	E	0.06 / 309.03	829.67 / 4	M A V DEVELOPMENT CO 314 DETROIT ST ANN ARBOR MI 48104	WASTE
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WDS ID: 463439
Site ID: MIK219723194
County: WASHTENAW
Legal Name: M A V DEVELOPMENT CO
Contact Name:
Contact Phone:
Contact Email:

13	6 of 6	E	0.06 / 309.03	829.67 / 4	303 North Fifth Avenue and 312/314 Detroit Street 303 North Fifth Avenue and 312, 314 Detroit Street Ann Arbor MI	BFLD REDEV
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Site ID: 40666
Facility County: Washtenaw
Data Source: 2023 Approvals

Details

Approved Date: 2/1/2023
Tax Incre Amount Approved : 1745360
Tax Incre Amount Approved 1: 498824

14	1 of 1	SW	0.06 / 311.06	831.86 / 6	WASHTENAW COUNTY 200 NORTH MAIN, P.O. BOX 8645 ANN ARBOR MI 48107	WASTE
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
WDS ID:		495139				
Site ID:						
County:		WASHTENAW				
Legal Name:		WASHTENAW COUNTY				
Contact Name:						
Contact Phone:						
Contact Email:						

15	1 of 2	SE	0.07 / 380.33	838.29 / 12	MI DEPT/MILITARY & VETERANS AFFAIRS 223 E ANN ST ANN ARBOR MI 48104	RCRA NON GEN
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EPA Handler ID: MID982606642
Gen Status Universe: No Report
Contact Name: THOMAS PAVLIK
Contact Address: 223 E ANN ST , , ANN ARBOR , MI, 48104 , US
Contact Phone No and Ext: 517-481-7634
Contact Email:
Contact Country: US
County Name: WASHTENAW
EPA Region: 05
Land Type: Other
Receive Date: 19970410
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jul 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

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: 19970410
Handler Name: MI DEPT/MILITARY & VETERANS AFFAIRS
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Waste Code Details

Hazardous Waste Code: D001

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

Owner/Operator Details

Owner/Operator Ind:	Current Owner	Street No:
Type:	Private	Street 1:
Name:	NO ACTIVE O/OP AS NOT GENERATING WASTE	Street 2:
Date Became Current:	19970411	City:
Date Ended Current:		State:
Phone:		Country:
Source Type:	Notification	Zip Code:

Owner/Operator Ind:	Current Operator	Street No:
Type:	Private	Street 1:
Name:	NO ACTIVE O/OP AS NOT GENERATING WASTE	Street 2:
Date Became Current:	19970411	City:
Date Ended Current:		State:
Phone:		Country:
Source Type:	Notification	Zip Code:

15	2 of 2	SE	0.07 / 380.33	838.29 / 12	ANN ARBOR ARMORY 223 E ANN ST ANN ARBOR MI 48104	WASTE
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WDS ID: 401186
 Site ID: MID982606642
 County: WASHTENAW
 Legal Name: MI DEPT/MILITARY & VETERANS AFFAIRS
 Contact Name:
 Contact Phone:
 Contact Email:

16	1 of 2	WSW	0.07 / 391.42	831.20 / 5	SHEESH 207 N MAIN ST ANN ARBOR MI 48154	RCRA VSQG
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EPA Handler ID: MIK200922417
 Gen Status Universe: VSG
 Contact Name: KHALED HAIBAI
 Contact Address: US
 Contact Phone No and Ext: 734-779-0000
 Contact Email: SEAN.KELLY@WASTE365.COM
 Contact Country: US
 County Name: WAYNE
 EPA Region: 05
 Land Type: Private
 Receive Date: 20110411
 Location Latitude: 42.282637
 Location Longitude: -83.748468

Violation/Evaluation Summary

Note: NO RECORDS: As of Jul 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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: 20110411
Handler Name: SHEESH
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind: Current Owner	Street No:
Type: Private	Street 1:
Name: SHEESH	Street 2:
Date Became Current: 20110404	City:
Date Ended Current:	State:
Phone:	Country:
Source Type: Notification	Zip Code:

Owner/Operator Ind: Current Operator	Street No:
Type: Private	Street 1:
Name: SHEESH	Street 2:
Date Became Current: 20110404	City:
Date Ended Current:	State:
Phone:	Country:
Source Type: Notification	Zip Code:

16	2 of 2	WSW	0.07 / 391.42	831.20 / 5	SHEESH 207 N MAIN ST ANN ARBOR MI 48154	WASTE
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WDS ID: 489597
Site ID: MIK200922417
County: WAYNE
Legal Name: SHEESH
Contact Name:
Contact Phone:
Contact Email:

17	1 of 2	W	0.08 / 421.06	821.07 / -5	110 Miller MI	BEA
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Facility ID (Web):		Facility ID (Map):	
Bea No (Web): 200200335JK		Bea No (Map):	200200335JK
Fac Name (Web):		Fac Name (Map):	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Address (Web):	110 Miller				Address (Map): 110 Miller	
City (Web):					City (Map): 0	
Zip (Web):					Zip (Map): 48104	
County (Web):	Washtenaw				County (Map): Washtenaw	
Township (Web):	Ann Arbor City				Township (Map): Ann Arbor City	
District (Web):	Jackson				District (Map): Jackson	
Latitude (Web):					Latitude (Map): 42.283525	
Longitude (Web):					Longitude (Map): -83.749209	
Data Source (Web):	BEA				Data Source (Map):	
Accuracy:	0				Method of Collect:	
Facility 2:	0				Object ID: 1943	
Source:	0				ID: 552	
Submitted:		0				
Source:	DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)					

[17](#) 2 of 2 **W** **0.08 / 421.06** **821.07 / -5** **110 Miller**
110 Miller Avenue, Ann Arbor, MI, 48104 MI **SHWS**

EPA ID:

Facility ID (Web): 81000680 **Source:**

Site ID (Map): 81000680 **EGLE District:**

Regulatory Program: 201 **House District:** Felicia Brabec

Lust Name: **Senate District:** Jeff Irwin

Project Manager: Wilde, Dan **Hzaccms:**

Release Status: **Scale No:**

Pollutants: **MGR X:**

Fac Name (Web): 110 Miller **MGR Y:**

Address (Web): 110 Miller Avenue, Ann Arbor, MI, 48104

City (Web): Ann Arbor

Township (Web):

County (Web): Washtenaw

Latitude (Web): 42.2835139

Longitude (Web): -83.74923369

Site Name (Map): 110 Miller

Address (Map): 110 Miller Avenue

City (Map): Ann Arbor

Zip Code (Map): 48104

County (Map): Washtenaw

Latitude (Map): 42.283514

Longitude (Map): -83.7492336

US Congressional District: Debbie Dingell

H Ref Datum:

H Ref Moc:

OS Descrip: Risks Not Determined

Ref Desc:

Risk Condition: Risks Not Determined

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

[18](#) 1 of 2 **NNW** **0.09 / 476.73** **814.84 / -11** **Beakes Street Service Station**
101 BEAKES ST
ANN ARBOR MI 48104-1009 **UST**

Facility ID: 00010245

Facility Status: Inactive

Facility Name: Beakes Street Service Station

Fac Street No: 101

Fac Street Direc:

Fac Street Name: BEAKES

Fac Suffix Type: ST

Fac Suffix Direc:

Facility City: ANN ARBOR

Facility Zip: 48104-1009

Facility County: WASHTENAW

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Facility State:		MI				
Fac Name (Map):		Beakes Street Service Station				
Address (Map):		101 BEAKES ST				
City (Map):		ANN ARBOR				
Zip code (Map):		48103				
County (Map):		Washtenaw				
Latitude (Map):		42.285064				
Longitude (Map):		-83.748312				
Geometry(Map):		MULTIPOINT (-83.74830737625136 42.285055868627865)				
Facility Name (RIDE):						
Full Address (RIDE):						
City (RIDE):						
County (RIDE):						
Township (RIDE):						
Latitude (RIDE):						
Longitude (RIDE):						
Original Source:		Licensing and Regulatory Affairs Underground Tank List (LARA); Underground Storage Tanks Part 211 (Map)				

Department of Licensing and Regulatory Affairs - Tank & Piping Info

Old Tank ID No: 4 **Tank Capacity:** 500
New Tank ID No: UTK-002054-15 **Tank Install Date:** 04/11/1956
Tank Status: Removed from Ground **Tank Removal Date:** 09/27/1989
Tank Content: Other(FUEL 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)

Old Tank ID No: 3 **Tank Capacity:** 3000
New Tank ID No: UTK-005491-15 **Tank Install Date:** 04/11/1956
Tank Status: Removed from Ground **Tank Removal Date:** 09/27/1989
Tank Content: Gasoline
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)

Old Tank ID No: 2 **Tank Capacity:** 4000
New Tank ID No: UTK-097945-15 **Tank Install Date:** 04/11/1956
Tank Status: Removed from Ground **Tank Removal Date:** 09/27/1989
Tank Content: Gasoline
Tank Compartments:
Tank Release Detection:
Tank Construction: Asphalt Coated or Bare Steel
Impressed Current:
Piping Release Detection:
Piping Material: Unknown
Piping Type:
Status: Licensing and Regulatory Affairs Underground Tank List (LARA)

Old Tank ID No: 1 **Tank Capacity:** 2000
New Tank ID No: UTK-097940-15 **Tank Install Date:** 04/11/1956
Tank Status: Removed from Ground **Tank Removal Date:** 09/27/1989
Tank Content: Gasoline
Tank Compartments:
Tank Release Detection:
Tank Construction: Asphalt Coated or Bare Steel
Impressed Current:
Piping Release Detection:

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

Old Tank ID No:	5	Tank Capacity:	2000
New Tank ID No:	UTK-097960-15	Tank Install Date:	04/11/1956
Tank Status:	Removed from Ground	Tank Removal Date:	09/27/1989
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:	2687	Accuracy:	100
Open LUST:	No	Acc Unit:	FEET
Closed LUST:	Yes	Source:	State of MI
Active Site:	No	Shp Type:	POINT
Closed Site:	Yes	Restrict:	YES
District Name:	Jackson 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: City of Ann Arbor
Owner Address: PO Box 8647 100 N Fifth Ave
Owner City: Ann Arbor
Owner State: MI
Owner Zip: 48107
Owner Phone: 7347946000

18	2 of 2	NNW	0.09 / 476.73	814.84 / -11	Beakes Street Service Station 101 BEAKES ST ANN ARBOR MI	LUST
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Facility ID:	00010245	Latitude (RIDE):	
EPA ID:		Longitude (RIDE):	
LUST Name:		County (Map):	Washtenaw
Contaminant Class :		Lat (Map):	42.285064
Regulat Pgm (RIDE):		Long (Map):	-83.748312
County (RIDE):		County:	Washtenaw
Township (RIDE):		EGLE Distri:	Jackson
Facility Name (RIDE):			
Full Address (RIDE):			
Facility City (RIDE):			
Company Name (Map):	Beakes Street Service Station		
Address (Map):	101 BEAKES ST		
City (Map):	ANN ARBOR		
ZIP (Map):	48103		
Location Name:	Beakes Street Service Station		
Street Address:	101 BEAKES ST		
City Village:	ANN ARBOR		
Zip Code:	48104		
Data Source:	LUST List; Leaking Underground Storage Tanks Part 213 Closed (Map)		

LUST Details (EGLE Enviromental Mapper)

Owner ID:	2687	H Datum:	NAD83
Active Site:	No	Accuracy:	100

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Close Site:	Yes				Acc Unit: FEET	
Close LUST:	Closed				Shp Type: POINT	
Open LUST:	0				Desc Cater: Plant Entrance (Freight)	
Restrict:	YES				Updated on: 2013-03-07 14:22:12.457	
Source:	State of MI				MGR X:	
Col Date:	2001-11-01 00:00:00				MGR Y:	
District:	Jackson District Office					
MOC:	Address Matching-House Number					
Geometry:	MULTIPOINT (-83.74830737625136 42.285055868627865)					

LUST List

Release ID: REL-0587-89
Release Discovered Date: NULL
Release Closed Date: 1994-08-23 00:00:00.000
Date Reported: 1989-09-29 00:00:00.000
Address Details: NULL
Release Status: Closed

19	1 of 2	WSW	0.09 / 484.84	829.59 / 4	A2DDA STATION 12 120 W Ann St Ann Arbor MI 48104	ALT FUELS
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ID: 223020
Fuel Type Code: ELEC: Electric
Station Phone: 888-758-4389
Expected Date:
BD Blends:
NG PSI:
Federal Agency ID:
Open Date: 2022-07-09
Hydrogen is Retail:
Federal Agency:
Facility Type:
Dt Last Confirmed: 2023-08-30
Updated at: 2023-08-30 00:47:04 UTC
Access Code: public
Access Detail Code:
Groups with Access Code: Public
Groups with Access Code Fr: Public
Fed Agency Name:
Hydrogen Status Link:
E85 Other Ethanol Blends:
NPS Unit Name:
Cards Accepted:
CNG Statn Sells Renewable Na:
LNG Statn Sells Renewable Na:
Maximum Vehicle Class:
RD Blended With Biodiesel:
RD Blends:
RD Blends French:
RD Maximum Biodiesel Level:
Status: Open: The station is open.
Owner Type Desc:
E85 Blender Pump Desc:
NG Fill Type Desc:
NG Vehicle Class Desc:
Geocode Status Desc: The location is from a real GPS readout at the station.
Group with Access Desc: Publicly available to all customers.
LPG Primary Desc:
Intersection Directions:
Access Days Time: 24 hours daily
Restricted Access:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
19	2 of 2	WSW	0.09 / 484.84	829.59 / 4	A2DDA STATION 13 120 W Ann St Ann Arbor MI 48104	ALT FUELS

ID: 223017
Fuel Type Code: ELEC: Electric
Station Phone: 888-758-4389
Expected Date:
BD Blends:
NG PSI:
Federal Agency ID:
Open Date: 2022-07-09
Hydrogen is Retail:
Federal Agency:
Facility Type:
Dt Last Confirmed: 2023-08-30
Updated at: 2023-08-30 00:47:03 UTC
Access Code: public
Access Detail Code:
Groups with Access Code: Public
Groups with Access Code Fr: Public
Fed Agency Name:
Hydrogen Status Link:
E85 Other Ethanol Blends:
NPS Unit Name:
Cards Accepted:
CNG Statn Sells Renewable Na:
LNG Statn Sells Renewable Na:
Maximum Vehicle Class:
RD Blended With Biodiesel:
RD Blends:
RD Blends French:
RD Maximum Biodiesel Level:
Status: Open: The station is open.
Owner Type Desc:
E85 Blender Pump Desc:
NG Fill Type Desc:
NG Vehicle Class Desc:
Geocode Status Desc: The location is from a real GPS readout at the station.
Group with Access Desc: Publicly available to all customers.
LPG Primary Desc:
Intersection Directions:
Access Days Time: 24 hours daily
Restricted Access:

20	1 of 2	WNW	0.09 / 488.69	807.95 / -18	U OF M COMMUNITY DENTAL CTR 406 N ASHLEY ANN ARBOR MI 48103	RCRA VSQG
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EPA Handler ID: MIR000042267
Gen Status Universe: VSG
Contact Name: TIMOTHY CULLEN
Contact Address: 406 N ASHLEY , , ANN ARBOR , MI, 48103 , US
Contact Phone No and Ext: 734-763-4568
Contact Email:
Contact Country: US
County Name: WASHTENAW
EPA Region: 05
Land Type: Municipal
Receive Date: 19991004
Location Latitude: 42.284119
Location Longitude: -83.749584

Violation/Evaluation Summary

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Note: NO RECORDS: As of Jul 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

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: 19991004
Handler Name: U OF M COMMUNITY DENTAL CTR
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind: Current Operator	Street No:
Type: Municipal	Street 1:
Name: THE CITY OF ANN ARBOR	Street 2:
Date Became Current: 19700101	City:
Date Ended Current:	State:
Phone:	Country:
Source Type: Notification	Zip Code:

Owner/Operator Ind: Current Owner	Street No:
Type: Municipal	Street 1:
Name: THE CITY OF ANN ARBOR	Street 2:
Date Became Current: 19700101	City:
Date Ended Current:	State:
Phone:	Country:
Source Type: Notification	Zip Code:

20	2 of 2	WNW	0.09 / 488.69	807.95 / -18	U OF M COMMUNITY DENTAL CTR 406 N ASHLEY ANN ARBOR MI 48103	WASTE
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WDS ID: 413376
Site ID: MIR000042267
County: WASHTENAW
Legal Name: U OF M COMMUNITY DENTAL CTR
Contact Name:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Contact Phone:
Contact Email:

21	1 of 4	SSE	0.10 / 540.76	837.13 / 11	COUNTY OF WASHTENAW DRAIN COMMISSION 110 N 4TH AVE ANN ARBOR MI 48104	RCRA NON GEN
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EPA Handler ID: MIP200001376
Gen Status Universe: No Report
Contact Name: DAVID GUE
Contact Address: 110 N 4TH AVE , , ANN ARBOR , MI, 48104 , US
Contact Phone No and Ext: 313-994-2525
Contact Email:
Contact Country: US
County Name: WASHTENAW
EPA Region: 05
Land Type: County
Receive Date: 19800101
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jul 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

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: 19800101
Handler Name: COUNTY OF WASHTENAW DRAIN COMMISSION
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Owner/Operator Ind:	Current Operator				Street No:	
Type:	County				Street 1:	
Name:	WASHTENAW COUNTY DRAIN COMM				Street 2:	
Date Became Current:	19700101				City:	
Date Ended Current:					State:	
Phone:					Country:	
Source Type:	Implementer				Zip Code:	
Owner/Operator Ind:	Current Owner				Street No:	
Type:	County				Street 1:	
Name:	WASHTENAW COUNTY DRAIN COMM				Street 2:	
Date Became Current:	19700101				City:	
Date Ended Current:					State:	
Phone:					Country:	
Source Type:	Implementer				Zip Code:	

[21](#) 2 of 4 **SSE** 0.10 / 540.76 837.13 / 11 **GENOA HEALTHCARE
110 N 4TH AVE
ANN ARBOR MI 48104** **WASTE**

WDS ID: 423722
Site ID: MIK113248116
County: WASHTENAW
Legal Name: GENOA HEALTHCARE LLC
Contact Name:
Contact Phone:
Contact Email:

[21](#) 3 of 4 **SSE** 0.10 / 540.76 837.13 / 11 **WASHTENAW COUNTY DRAIN
COMM
110 N 4TH AVE
ANN ARBOR MI 48104** **WASTE**

WDS ID: 420747
Site ID: MIP200001376
County: WASHTENAW
Legal Name: COUNTY OF WASHTENAW DRAIN COMMISSION
Contact Name:
Contact Phone:
Contact Email:

[21](#) 4 of 4 **SSE** 0.10 / 540.76 837.13 / 11 **GENOA HEALTHCARE LLC
110 N 4TH AVE SUITE 1100
ANN ARBOR MI 48104** **RCRA SQG**

EPA Handler ID: MIK113248116
Gen Status Universe: Small Quantity Generator
Contact Name: CHERYL MILLER
Contact Address:
Contact Phone No and Ext: 734-418-0448
Contact Email: CHERYLMILLER@GENOAHEALTHCARE.COM
Contact Country:
County Name: WASHTENAW
EPA Region: 05
Land Type: Other
Receive Date: 20211021
Location Latitude: 42.281853
Location Longitude: -83.747271

Violation/Evaluation Summary

Note: NO RECORDS: As of Jul 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

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: 20150529
Handler Name: GENOA A QOL HEALTHCARE COMPANY LLC
Federal Waste Generator Code: 3
Generator Code Description: Very Small 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: 20211021
Handler Name: GENOA HEALTHCARE 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

Owner/Operator Details

Owner/Operator Ind: Current Owner	Street No:
Type: Private	Street 1:
Name: WASHTENAW COMMUNITY HEALTH ORGANIZATION	Street 2:
Date Became Current: 20141101	City:
Date Ended Current:	State:
Phone:	Country:
Source Type: Notification	Zip Code:

Owner/Operator Ind: Current Operator	Street No:
Type: Private	Street 1: 110 N 4TH AVE
Name: GENOA HEALTHCARE LLC	Street 2: SUITE 1100
Date Became Current: 20131216	City: ANN ARBOR

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date Ended Current:					State: MI	
Phone:					Country: US	
Source Type:	Notification				Zip Code: 48104-5503	
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	
Name:	GENOA A QOL HEALTHCARE COMPANY LLC				Street 2:	
Date Became Current:	20141101				City:	
Date Ended Current:					State:	
Phone:					Country:	
Source Type:	Notification				Zip Code:	
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1: 110 N 4TH AVE	
Name:	GENOA HEALTHCARE LLC				Street 2: SUITE 1100	
Date Became Current:	20131216				City: ANN ARBOR	
Date Ended Current:					State: MI	
Phone:					Country: US	
Source Type:	Notification				Zip Code: 48104-5503	

Historical Handler Details

Receive Dt: 20150529
Generator Code Description: Very Small Quantity Generator
Handler Name: GENOA A QOL HEALTHCARE COMPANY LLC

22	1 of 1	ENE	0.11 / 557.42	822.98 / -3	RECYCLE ANN ARBOR 417 DETROIT ST ANN ARBOR MI 48104	WASTE
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WDS ID: 457616
Site ID: MIG000008585
County: WASHTENAW
Legal Name: RECYCLE ANN ARBOR
Contact Name:
Contact Phone:
Contact Email:

23	1 of 6	W	0.11 / 574.23	813.27 / -13	Former Gasoline Station 202 Miller Avenue MI 481404	BEA
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Facility ID (Web):		Facility ID (Map):	
Bea No (Web):	201801659JK	Bea No (Map):	
Fac Name (Web):	Former Gasoline Station	Fac Name (Map):	
Address (Web):	202 Miller Avenue	Address (Map):	
City (Web):		City (Map):	
Zip (Web):	481404	Zip (Map):	
County (Web):	Washtenaw	County (Map):	
Township (Web):	Ann Arbor City	Township (Map):	
District (Web):	Jackson	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)		

23	2 of 6	W	0.11 / 574.23	813.27 / -13	NRT (10000227) 202 MILLER AVE	DELISTED LUST
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Ann Arbor MI

Delisted Leaking Underground Storage Tank

Facility ID: 50006051
Latitude:
Longitude:
County:
District: Jackson
Township:
Bea No:
Regulatory Pgm:
Facility Phone:
Location Name: NRT (10000227)
Epa ID:
LUST Name:
Contaminant Class:
Company Name (EGLE Map):
Address (EGLE Map):
City (EGLE Map):
ZIP (EGLE Map):
County (EGLE Map):
Lat (EGLE Map):
Long (EGLE Map):
County (FOIA):
Street Address (FOIA): 202 MILLER AVE
City Village (FOIA): Ann Arbor
Zip Code (FOIA): 48104
Data Source: LUST List
Original Source: LUST
Record Date: 08-APR-2022

23	3 of 6	W	0.11 / 574.23	813.27 / -13	202 Miller Avenue 202 Miller Avenue Ann Arbor MI 48140	BEA
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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): 81000707 Bea No (Map): B201801659JK Fac Name (Map): 202 Miller Avenue Address (Map): 202 Miller Avenue City (Map): Ann Arbor Zip (Map): 48140 County (Map): Washtenaw Township (Map): Ann Arbor City District (Map): Jackson Latitude (Map): 42.28346 Longitude (Map): -83.749838 Data Source (Map): Method of Collect: Object ID: 24408 ID:
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DEQ Baseline Environmental Assessment Sites (Map)

23	4 of 6	W	0.11 / 574.23	813.27 / -13	NRT 202 MILLER AVE Ann Arbor MI	LUST
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Facility ID: 10000227 EPA ID: LUST Name: Contaminant Class : Regulat Pgm (RIDE): 213	Latitude (RIDE): 42.283301 Longitude (RIDE): -83.749903 County (Map): Lat (Map): Long (Map):
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County (RIDE):	Washtenaw	County:	Washtenaw
Township (RIDE):	Ann Arbor	EGLE Distri:	Jackson
Facility Name (RIDE):	NRT		
Full Address (RIDE):	202 MILLER AVE		
Facility City (RIDE):	Ann Arbor		
Company Name (Map):			
Address (Map):			
City (Map):			
ZIP (Map):			
Location Name:	NRT		
Street Address:	202 MILLER AVE		
City Village:	Ann Arbor		
Zip Code:	48104		
Data Source:	EGLE Remediation Information Data Exchange Tanks (RIDE); LUST List		

Locations

EPA ID:		Senate District:	
Release Status:	Open	House District:	
Egle District:	Jackson	US Congr District:	
Project Manager:	Wilde, Dan		
Risk Condition:	Risks Not Determined		
LUST Name:	NRT(Fac 10000227)		

Associated Tanks

Release ID:	REL-0252-18	Substance Stored:	Unknown
Tank ID:	UTK-000328-18	Date of Installatn:	
Tank Status:	Non-Registered Tank	Capacity Gallons:	500

Facility Release

Release ID:	REL-0252-18
Type of Release:	Confirmed
Current Classification:	Unknown
Corrective Action Status:	
Linked Release:	

Facility Release Details

Release ID:	REL-0252-18
Current Classification:	Unknown
Corrective Action Status:	
Previous Classification:	
Entry Date:	11/14/2018
Date Release Was Cancelled:	
Date Reported:	11/14/2018
Closed With State Funds:	No
Date Release Was Upgraded:	
Highest Classification:	Unknown
Type of Evaluation:	
Institutional Controls:	No
Upgrade Cancel Date:	
Project Manager When Closed:	Govus, Ray
Release Closed:	
Closed Date:	

LUST List

Release ID:	REL-0252-18
Release Discovered Date:	NULL
Release Closed Date:	NULL
Date Reported:	2018-11-14 10:37:00.000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Address Details:		NULL				
Release Status:		Open				
23	5 of 6	W	0.11 / 574.23	813.27 / -13	202 Miller Avenue 202 MILLER AVE, Ann Arbor, MI, 48104 MI	SHWS
EPA ID:				Source:		
Facility ID (Web):		81000707		EGLE District:		
Site ID (Map):		81000707		House District:	Felicia Brabec	
Regulatory Program:		201		Senate District:	Jeff Irwin	
Lust Name:				Hzaccms:		
Project Manager:		Wilde, Dan		Scale No:		
Release Status:				MGR X:		
Pollutants:				MGR Y:		
Fac Name (Web):		202 Miller Avenue				
Address (Web):		202 MILLER AVE, Ann Arbor, MI, 48104				
City (Web):		Ann Arbor				
Township (Web):						
County (Web):		Washtenaw				
Latitude (Web):		42.28355815				
Longitude (Web):		-83.74989035				
Site Name (Map):		202 Miller Avenue				
Address (Map):		202 MILLER AVE				
City (Map):		Ann Arbor				
Zip Code (Map):		48104				
County (Map):		Washtenaw				
Latitude (Map):		42.283558				
Longitude (Map):		-83.7498903				
US Congressional District:		Debbie Dingell				
H Ref Datum:						
H Ref Moc:						
OS Descrip:		Risks Not Determined				
Ref Desc:						
Risk Condition:		Risks Not Determined				
Data Source:		DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)				

23	6 of 6	W	0.11 / 574.23	813.27 / -13	NRT 202 MILLER AVE Ann Arbor MI 48104	UST
Facility ID:		10000227				
Facility Status:		Inactive				
Facility Name:		NRT				
Fac Street No:		202				
Fac Street Direc:						
Fac Street Name:		MILLER				
Fac Suffix Type:		AVE				
Fac Suffix Direc:						
Facility City:		Ann Arbor				
Facility Zip:		48104				
Facility County:		Washtenaw				
Facility State:		MI				
Fac Name (Map):						
Address (Map):						
City (Map):						
Zip code (Map):						
County (Map):						
Latitude (Map):						
Longitude (Map):						
Geometry(Map):						
Facility Name (RIDE):						
Full Address (RIDE):						
City (RIDE):						
County (RIDE):						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Township (RIDE):
 Latitude (RIDE):
 Longitude (RIDE):
 Original Source: Licensing and Regulatory Affairs Underground Tank List (LARA)

Department of Licensing and Regulatory Affairs - Tank & Piping Info

Old Tank ID No: 1
 New Tank ID No: UTK-000328-18
 Tank Status: Non-Registered Tank
 Tank Content: Unknown
 Tank Compartments:
 Tank Release Detection:
 Tank Construction:
 Impressed Current:
 Piping Release Detection:
 Piping Material:
 Piping Type:
 Status: Licensing and Regulatory Affairs Underground Tank List (LARA)

Tank Capacity: 500
 Tank Install Date:
 Tank Removal Date:

Department of Licensing and Regulatory Affairs - Tank Owner Info

Owner Name:
 Owner Address: 500 W. Keech
 Owner City: Ann Arbor
 Owner State: MI
 Owner Zip: 48103
 Owner Phone: 1111111111

24	1 of 6	WSW	0.11 / 590.02	823.92 / -2	A2DDA STATION 14 220 N Ashley St Ann Arbor MI 48104	ALT FUELS
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ID: 224594
 Fuel Type Code: ELEC: Electric
 Station Phone: 888-758-4389
 Expected Date:
 BD Blends:
 NG PSI:
 Federal Agency ID:
 Open Date: 2022-07-29
 Hydrogen is Retail:
 Federal Agency:
 Facility Type:
 Dt Last Confirmed: 2023-08-30
 Updated at: 2023-08-30 00:47:04 UTC
 Access Code: public
 Access Detail Code:
 Groups with Access Code: Public
 Groups with Access Code Fr: Public
 Fed Agency Name:
 Hydrogen Status Link:
 E85 Other Ethanol Blends:
 NPS Unit Name:
 Cards Accepted:
 CNG Statn Sells Renewable Na:
 LNG Statn Sells Renewable Na:
 Maximum Vehicle Class:
 RD Blended With Biodiesel:
 RD Blends:
 RD Blends French:
 RD Maximum Biodiesel Level:
 Status: Open: The station is open.
 Owner Type Desc:
 E85 Blender Pump Desc:
 NG Fill Type Desc:

CNG Dispenser No:
 CNG Site Renew Src:
 CNG Tot Compr Cap:
 CNG Storage Cap:
 CNG Fill Type Code:
 CNG PSI:
 CNG Vehicle Class:
 LNG Site Renew Src:
 LNG Vehicle Class:
 LPG Nozzle Types:
 Hydrogen Pressures:
 Hydrogen Standards:
 Latitude: 42.282746
 Longitude: -83.749201

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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NG Vehicle Class Desc:
Geocode Status Desc: The location is from a real GPS readout at the station.
Group with Access Desc: Publicly available to all customers.
LPG Primary Desc:
Intersection Directions:
Access Days Time: 24 hours daily
Restricted Access:

24	2 of 6	WSW	0.11 / 590.02	823.92 / -2	A2DDA STATION 17 220 N Ashley St Ann Arbor MI 48104	ALT FUELS
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ID:	223018	CNG Dispenser No:	
Fuel Type Code:	ELEC: Electric	CNG Site Renew Src:	
Station Phone:	888-758-4389	CNG Tot Compr Cap:	
Expected Date:		CNG Storage Cap:	
BD Blends:		CNG Fill Type Code:	
NG PSI:		CNG PSI:	
Federal Agency ID:		CNG Vehicle Class:	
Open Date:	2022-07-09	LNG Site Renew Src:	
Hydrogen is Retail:		LNG Vehicle Class:	
Federal Agency:		LPG Nozzle Types:	
Facility Type:		Hydrogen Pressures:	
Dt Last Confirmed:	2023-08-30	Hydrogen Standards:	
Updated at:	2023-08-30 00:47:03 UTC	Latitude:	42.282771
Access Code:	public	Longitude:	-83.74916
Access Detail Code:			
Groups with Access Code:	Public		
Groups with Access Code Fr:	Public		
Fed Agency Name:			
Hydrogen Status Link:			
E85 Other Ethanol Blends:			
NPS Unit Name:			
Cards Accepted:			
CNG Statn Sells Renewable Na:			
LNG Statn Sells Renewable Na:			
Maximum Vehicle Class:			
RD Blended With Biodiesel:			
RD Blends:			
RD Blends French:			
RD Maximum Biodiesel Level:			
Status:	Open: The station is open.		
Owner Type Desc:			
E85 Blender Pump Desc:			
NG Fill Type Desc:			
NG Vehicle Class Desc:			
Geocode Status Desc:	The location is from a real GPS readout at the station.		
Group with Access Desc:	Publicly available to all customers.		
LPG Primary Desc:			
Intersection Directions:			
Access Days Time:	24 hours daily		
Restricted Access:			

24	3 of 6	WSW	0.11 / 590.02	823.92 / -2	A2DDA STATION 19 220 N Ashley St Ann Arbor MI 48104	ALT FUELS
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ID:	223015	CNG Dispenser No:	
Fuel Type Code:	ELEC: Electric	CNG Site Renew Src:	
Station Phone:	888-758-4389	CNG Tot Compr Cap:	
Expected Date:		CNG Storage Cap:	
BD Blends:		CNG Fill Type Code:	
NG PSI:		CNG PSI:	
Federal Agency ID:		CNG Vehicle Class:	
Open Date:	2022-07-09	LNG Site Renew Src:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Hydrogen is Retail: Federal Agency: Facility Type: Dt Last Confirmed: 2023-08-30 Updated at: 2023-08-30 00:47:02 UTC Access Code: public Access Detail Code: Groups with Access Code: Public Groups with Access Code Fr: Public Fed Agency Name: Hydrogen Status Link: E85 Other Ethanol Blends: NPS Unit Name: Cards Accepted: CNG Statn Sells Renewable Na: LNG Statn Sells Renewable Na: Maximum Vehicle Class: RD Blended With Biodiesel: RD Blends: RD Blends French: RD Maximum Biodiesel Level: Status: Open: The station is open. Owner Type Desc: E85 Blender Pump Desc: NG Fill Type Desc: NG Vehicle Class Desc: Geocode Status Desc: The location is from a real GPS readout at the station. Group with Access Desc: Publicly available to all customers. LPG Primary Desc: Intersection Directions: Access Days Time: 24 hours daily Restricted Access:		LNG Vehicle Class: LPG Nozzle Types: Hydrogen Pressures: Hydrogen Standards: Latitude: 42.282599 Longitude: -83.749566				

24	4 of 6	WSW	0.11 / 590.02	823.92 / -2	A2DDA STATION 18 220 N Ashley St Ann Arbor MI 48104	ALT FUELS
ID: 223014 Fuel Type Code: ELEC: Electric Station Phone: 888-758-4389 Expected Date: BD Blends: NG PSI: Federal Agency ID: Open Date: 2022-07-09 Hydrogen is Retail: Federal Agency: Facility Type: Dt Last Confirmed: 2023-08-30 Updated at: 2023-08-30 00:47:02 UTC Access Code: public Access Detail Code: Groups with Access Code: Public Groups with Access Code Fr: Public Fed Agency Name: Hydrogen Status Link: E85 Other Ethanol Blends: NPS Unit Name: Cards Accepted: CNG Statn Sells Renewable Na: LNG Statn Sells Renewable Na: Maximum Vehicle Class: RD Blended With Biodiesel: RD Blends: RD Blends French: RD Maximum Biodiesel Level: Status: Open: The station is open.		CNG Dispenser No: CNG Site Renew Src: CNG Tot Compr Cap: CNG Storage Cap: CNG Fill Type Code: CNG PSI: CNG Vehicle Class: LNG Site Renew Src: LNG Vehicle Class: LPG Nozzle Types: Hydrogen Pressures: Hydrogen Standards: Latitude: 42.282558 Longitude: -83.749551				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Owner Type Desc: E85 Blender Pump Desc: NG Fill Type Desc: NG Vehicle Class Desc: Geocode Status Desc: The location is from a real GPS readout at the station. Group with Access Desc: Publicly available to all customers. LPG Primary Desc: Intersection Directions: Access Days Time: 24 hours daily Restricted Access:						

[24](#) 5 of 6 WSW 0.11 / 590.02 823.92 / -2 A2DDA STATION 20 220 N Ashley St Ann Arbor MI 48104 ALT FUELS

ID:	223016	CNG Dispenser No:	
Fuel Type Code:	ELEC: Electric	CNG Site Renew Src:	
Station Phone:	888-758-4389	CNG Tot Compr Cap:	
Expected Date:		CNG Storage Cap:	
BD Blends:		CNG Fill Type Code:	
NG PSI:		CNG PSI:	
Federal Agency ID:		CNG Vehicle Class:	
Open Date:	2022-07-09	LNG Site Renew Src:	
Hydrogen is Retail:		LNG Vehicle Class:	
Federal Agency:		LPG Nozzle Types:	
Facility Type:		Hydrogen Pressures:	
Dt Last Confirmed:	2023-08-30	Hydrogen Standards:	
Updated at:	2023-08-30 00:47:02 UTC	Latitude:	42.28256
Access Code:	public	Longitude:	-83.749555
Access Detail Code:			
Groups with Access Code:	Public		
Groups with Access Code Fr:	Public		
Fed Agency Name:			
Hydrogen Status Link:			
E85 Other Ethanol Blends:			
NPS Unit Name:			
Cards Accepted:			
CNG Statn Sells Renewable Na:			
LNG Statn Sells Renewable Na:			
Maximum Vehicle Class:			
RD Blended With Biodiesel:			
RD Blends:			
RD Blends French:			
RD Maximum Biodiesel Level:			
Status:	Open: The station is open.		
Owner Type Desc:			
E85 Blender Pump Desc:			
NG Fill Type Desc:			
NG Vehicle Class Desc:			
Geocode Status Desc:	The location is from a real GPS readout at the station.		
Group with Access Desc:	Publicly available to all customers.		
LPG Primary Desc:			
Intersection Directions:			
Access Days Time:	24 hours daily		
Restricted Access:			

[24](#) 6 of 6 WSW 0.11 / 590.02 823.92 / -2 A2DDA STATION 15 220 N Ashley St Ann Arbor MI 48104 ALT FUELS

ID:	223019	CNG Dispenser No:	
Fuel Type Code:	ELEC: Electric	CNG Site Renew Src:	
Station Phone:	888-758-4389	CNG Tot Compr Cap:	
Expected Date:		CNG Storage Cap:	
BD Blends:		CNG Fill Type Code:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
NG PSI: Federal Agency ID: Open Date: 2022-07-09 Hydrogen is Retail: Federal Agency: Facility Type: Dt Last Confirmed: 2023-08-30 Updated at: 2023-08-30 00:47:03 UTC Access Code: public Access Detail Code: Groups with Access Code: Public Groups with Access Code Fr: Public Fed Agency Name: Hydrogen Status Link: E85 Other Ethanol Blends: NPS Unit Name: Cards Accepted: CNG Statn Sells Renewable Na: LNG Statn Sells Renewable Na: Maximum Vehicle Class: RD Blended With Biodiesel: RD Blends: RD Blends French: RD Maximum Biodiesel Level: Status: Open: The station is open. Owner Type Desc: E85 Blender Pump Desc: NG Fill Type Desc: NG Vehicle Class Desc: Geocode Status Desc: The location is from a real GPS readout at the station. Group with Access Desc: Publicly available to all customers. LPG Primary Desc: Intersection Directions: Access Days Time: 24 hours daily Restricted Access:		CNG PSI: CNG Vehicle Class: LNG Site Renew Src: LNG Vehicle Class: LPG Nozzle Types: Hydrogen Pressures: Hydrogen Standards: Latitude: 42.282735 Longitude: -83.749171				

25	1 of 2	SW	0.11 / 596.28	833.91 / 8	CITY OF ANN ARBOR 111 N MAIN ST ANN ARBOR MI 48104	RCRA NON GEN
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EPA Handler ID: MID985652627
Gen Status Universe: No Report
Contact Name: DAN CULLEN
Contact Address: 111 N MAIN ST , , ANN ARBOR , MI, 48104 , US
Contact Phone No and Ext: 313-994-6696
Contact Email:
Contact Country: US
County Name: WASHTENAW
EPA Region: 05
Land Type: Other
Receive Date: 20011231
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jul 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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: 19921019
 Handler Name: CITY OF ANN ARBOR
 Source Type: Notification
 Federal Waste Generator Code: 2
 Generator Code Description: Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
 Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 2
 Receive Date: 20011231
 Handler Name: CITY OF ANN ARBOR
 Source Type: Notification
 Federal Waste Generator Code: N
 Generator Code Description: Not a Generator, Verified

Waste Code Details

Hazardous Waste Code: D001
 Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind:	Current Owner	Street No:
Type:	Private	Street 1:
Name:	NO ACTIVE O/OP AS NOT GENERATING WASTE	Street 2:
Date Became Current:	20020101	City:
Date Ended Current:		State:
Phone:		Country:
Source Type:	Notification	Zip Code:

Owner/Operator Ind:	Current Operator	Street No:
Type:	Private	Street 1:
Name:	NO ACTIVE O/OP AS NOT GENERATING WASTE	Street 2:
Date Became Current:	20020101	City:
Date Ended Current:		State:
Phone:		Country:
Source Type:	Notification	Zip Code:

Historical Handler Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Receive Dt:		19921019				
Generator Code Description:		Small Quantity Generator				
Handler Name:		CITY OF ANN ARBOR				

25	2 of 2	SW	0.11 / 596.28	833.91 / 8	CITY OF ANN ARBOR 111 N MAIN ST ANN ARBOR MI 48104	WASTE
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WDS ID: 407822
Site ID: MID985652627
County: WASHTENAW
Legal Name: CITY OF ANN ARBOR
Contact Name:
Contact Phone:
Contact Email:

26	1 of 2	SSE	0.11 / 596.85	836.98 / 11	2020 COMMUNICATIONS 106 N 4TH AVE ANN ARBOR MI 48104	RCRA NON GEN
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EPA Handler ID: MIK738994573
Gen Status Universe: No Report
Contact Name: MARK SMITH
Contact Address: 106 N 4TH AVE , , ANN ARBOR , MI, 48104 , US
Contact Phone No and Ext: 734-327-5416
Contact Email:
Contact Country: US
County Name: WASHTENAW
EPA Region: 05
Land Type: Private
Receive Date: 20070619
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jul 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

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: 20060505
Handler Name: 2020 COMMUNICATIONS
Source Type: Notification

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20070619
Handler Name: 2020 COMMUNICATIONS
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind: Current Owner	Street No:
Type: Private	Street 1:
Name: MARK MCCLEARY	Street 2:
Date Became Current: 20060101	City:
Date Ended Current:	State:
Phone:	Country:
Source Type: Notification	Zip Code:

Owner/Operator Ind: Current Operator	Street No:
Type: Private	Street 1:
Name: MARK SMITH	Street 2:
Date Became Current: 20060101	City:
Date Ended Current:	State:
Phone:	Country:
Source Type: Notification	Zip Code:

Historical Handler Details

Receive Dt: 20060505
Generator Code Description: Small Quantity Generator
Handler Name: 2020 COMMUNICATIONS

26	2 of 2	SSE	0.11 / 596.85	836.98 / 11	2020 COMMUNICATIONS 106 N 4TH AVE ANN ARBOR MI 48104	WASTE
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WDS ID: 480988
Site ID: MIK738994573
County: WASHTENAW
Legal Name: 2020 COMMUNICATIONS
Contact Name:
Contact Phone:
Contact Email:

27	1 of 4	SE	0.11 / 602.34	841.25 / 15	CITY OF ANN ARBOR FIRE DEPT 111 N 5TH AVE	RCRA VSQG
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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ANN ARBOR MI 48104

EPA Handler ID: MID98565208
Gen Status Universe: VSG
Contact Name: MIKE MASTEN
Contact Address: 111 N 5TH AVE , , ANN ARBOR , MI, 48104 , US
Contact Phone No and Ext: 734-994-2773
Contact Email:
Contact Country: US
County Name: WASHTENAW
EPA Region: 05
Land Type: Municipal
Receive Date: 20070919
Location Latitude: 42.281482
Location Longitude: -83.746149

Violation/Evaluation Summary

Note: NO RECORDS: As of Jul 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

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: 19921223
Handler Name: CITY OF ANN ARBOR FIRE DEPT
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: 2
Receive Date: 20011231
Handler Name: CITY OF ANN ARBOR FIRE DEPT
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Implementer

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20070919
Handler Name: CITY OF ANN ARBOR FIRE DEPT
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind: Current Operator	Street No:
Type: Municipal	Street 1:
Name: CITY OF ANN ARBOR FIRE DEPT	Street 2:
Date Became Current: 19780101	City:
Date Ended Current:	State:
Phone:	Country:
Source Type: Implementer	Zip Code:

Owner/Operator Ind: Current Operator	Street No:
Type: Municipal	Street 1:
Name: CITY OF ANN ARBOR FIRE DEPT	Street 2:
Date Became Current: 19780101	City:
Date Ended Current:	State:
Phone:	Country:
Source Type: Notification	Zip Code:

Owner/Operator Ind: Current Owner	Street No:
Type: Municipal	Street 1:
Name: CITY OF ANN ARBOR FIRE DEPT	Street 2:
Date Became Current: 19780101	City:
Date Ended Current:	State:
Phone:	Country:
Source Type: Implementer	Zip Code:

Owner/Operator Ind: Current Owner	Street No:
Type: Municipal	Street 1:
Name: CITY OF ANN ARBOR FIRE DEPT	Street 2:
Date Became Current: 19780101	City:
Date Ended Current:	State:
Phone:	Country:
Source Type: Notification	Zip Code:

Historical Handler Details

Receive Dt: 20011231
Generator Code Description: Not a Generator, Verified
Handler Name: CITY OF ANN ARBOR FIRE DEPT

Receive Dt: 19921223
Generator Code Description: Small Quantity Generator
Handler Name: CITY OF ANN ARBOR FIRE DEPT

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
27	2 of 4	SE	0.11 / 602.34	841.25 / 15	Ann Arbor Fire Dept 111 N 5TH AVE ANN ARBOR MI 48104-1405	UST

Facility ID: 00012808
Facility Status: Inactive
Facility Name: Ann Arbor Fire Dept
Fac Street No: 111
Fac Street Direc: N
Fac Street Name: 5TH
Fac Suffix Type: AVE
Fac Suffix Direc:
Facility City: ANN ARBOR
Facility Zip: 48104-1405
Facility County: WASHTENAW
Facility State: MI
Fac Name (Map): Ann Arbor Fire Dept
Address (Map): 111 N 5th Ave
City (Map): Ann Arbor
Zip code (Map): 48104
County (Map): Washtenaw
Latitude (Map): 42.281545
Longitude (Map): -83.746288
Geometry(Map): MULTIPOINT (-83.74628337719507 42.28153686914473)
Facility Name (RIDE):
Full Address (RIDE):
City (RIDE):
County (RIDE):
Township (RIDE):
Latitude (RIDE):
Longitude (RIDE):
Original Source: Licensing and Regulatory Affairs Underground Tank List (LARA); Underground Storage Tanks Part 211 (Map)

Department of Licensing and Regulatory Affairs - Tank & Piping Info

Old Tank ID No: 3
New Tank ID No: UTK-018732-15
Tank Status: Removed from Ground
Tank Content: Diesel,Other(DIESEL)
Tank Compartments:
Tank Release Detection:
Tank Construction: Fiberglass Reinforced Plastic,Lined Interior
Impressed Current:
Piping Release Detection:
Piping Material: Galvanized Steel
Piping Type: Suction: No Valve at Tank
Status: Licensing and Regulatory Affairs Underground Tank List (LARA)

Tank Capacity: 3000
Tank Install Date: 03/19/1977
Tank Removal Date: 08/08/1992

Old Tank ID No: 2
New Tank ID No: UTK-056901-15
Tank Status: Removed from Ground
Tank Content: Gasoline
Tank Compartments:
Tank Release Detection:
Tank Construction: Fiberglass Reinforced Plastic,Lined Interior
Impressed Current:
Piping Release Detection:
Piping Material: Galvanized Steel
Piping Type: Suction: No Valve at Tank
Status: Licensing and Regulatory Affairs Underground Tank List (LARA)

Tank Capacity: 1000
Tank Install Date: 03/19/1977
Tank Removal Date: 08/08/1992

Old Tank ID No: 1
New Tank ID No: UTK-003230-15
Tank Status: Closed in Ground
Tank Content: Used Oil
Tank Compartments:
Tank Release Detection:
Tank Construction: Fiberglass Reinforced Plastic,Lined Interior

Tank Capacity: 300
Tank Install Date: 03/19/1977
Tank Removal Date: 09/15/1991

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

EGLE Environmental Mapper

Owner ID:	25810	Accuracy:	100
Open LUST:	No	Acc Unit:	FEET
Closed LUST:	Yes	Source:	State of MI
Active Site:	No	Shp Type:	POINT
Closed Site:	Yes	Restrict:	YES
District Name:	Jackson 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: City Of Ann Arbor
Owner Address: 111 N 5th Ave
Owner City: Ann Arbor
Owner State: MI
Owner Zip: 48104-1405
Owner Phone: 7349942772

27	3 of 4	SE	0.11 / 602.34	841.25 / 15	Ann Arbor Fire Dept 111 N 5th Ave Ann Arbor MI	LUST
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Facility ID:	00012808	Latitude (RIDE):	
EPA ID:		Longitude (RIDE):	
LUST Name:		County (Map):	Washtenaw
Contaminant Class :		Lat (Map):	42.281545
Regulat Pgm (RIDE):		Long (Map):	-83.746288
County (RIDE):		County:	Washtenaw
Township (RIDE):		EGLE Distri:	Jackson
Facility Name (RIDE):			
Full Address (RIDE):			
Facility City (RIDE):			
Company Name (Map):	Ann Arbor Fire Dept		
Address (Map):	111 N 5th Ave		
City (Map):	Ann Arbor		
ZIP (Map):	48104		
Location Name:	Ann Arbor Fire Dept		
Street Address:	111 N 5th Ave		
City Village:	Ann Arbor		
Zip Code:	48104		
Data Source:	LUST List; Leaking Underground Storage Tanks Part 213 Closed (Map)		

LUST Details (EGLE Enviromental Mapper)

Owner ID:	25810	H Datum:	NAD83
Active Site:	No	Accuracy:	100
Close Site:	Yes	Acc Unit:	FEET
Close LUST:	Closed	Shp Type:	POINT
Open LUST:	0	Desc Cater:	Plant Entrance (Freight)
Restrict:	YES	Updated on:	2013-03-07 14:22:12.457
Source:	State of MI	MGR X:	
Col Date:	2001-11-01 00:00:00	MGR Y:	
District:	Jackson District Office		
MOC:	Address Matching-House Number		
Geometry:	MULTIPOINT (-83.74628337719507 42.28153686914473)		

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

Release ID: REL-1558-92
Release Discovered Date: NULL
Release Closed Date: 1992-11-25 00:00:00.000
Date Reported: 1992-09-10 00:00:00.000
Address Details: NULL
Release Status: Closed

27	4 of 4	SE	0.11 / 602.34	841.25 / 15	CITY OF ANN ARBOR FIRE DEPT 111 N 5TH AVE ANN ARBOR MI 48104	WASTE
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WDS ID: 408074
Site ID: MID985655208
County: WASHTENAW
Legal Name: CITY OF ANN ARBOR FIRE DEPT
Contact Name:
Contact Phone:
Contact Email:

28	1 of 5	W	0.12 / 625.37	811.09 / -15	206 & 210 Miller Ave & 307 & 309 North Ashley MI 48103	BEA
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Facility ID (Web): Bea No (Web): 201701614JK Fac Name (Web): Address (Web): 206 & 210 Miller Ave & 307 & 309 North Ashley City (Web): Zip (Web): 48103 County (Web): Washtenaw Township (Web): Ann Arbor City District (Web): Jackson Latitude (Web): Longitude (Web): Data Source (Web): BEA Accuracy: Facility 2: Source: Submitted: Source: DEQ Inventory of Facilities (Web)	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:
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28	2 of 5	W	0.12 / 625.37	811.09 / -15	206 210 Miller Avenue & 307 309 North Ashley Street 206 210 Miller Avenue, & 307 309 North Ashley Street, Ann Arbor, MI, 48103 MI	SHWS
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EPA ID: Facility ID (Web): 81000711 Site ID (Map): 81000711 Regulatory Program: 201 Lust Name: Project Manager: Wilde, Dan Release Status: Pollutants: Fac Name (Web): 206 210 Miller Avenue & 307 309 North Ashley Street Address (Web): 206 210 Miller Avenue, & 307 309 North Ashley Street, Ann Arbor, MI, 48103 City (Web): Ann Arbor Township (Web):	Source: EGLE District: House District: Felicia Brabec Senate District: Jeff Irwin Hzaccms: Scale No: MGR X: MGR Y:
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
County (Web): Latitude (Web): Longitude (Web): Site Name (Map): Address (Map): City (Map): Zip Code (Map): County (Map): Latitude (Map): Longitude (Map): US Congressional District: H Ref Datum: H Ref Moc: OS Descrip: Ref Desc: Risk Condition: Data Source:		Washtenaw 42.28358616 -83.75003373 206 210 Miller Avenue & 307 309 North As 206 210 Miller Avenue & 307 309 North Ashley Street Ann Arbor 48103 Washtenaw 42.283586 -83.7500337 Debbie Dingell Risks Not Determined Risks Not Determined DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)				
28	3 of 5	W	0.12 / 625.37	811.09 / -15	309 North Ashley Street - Amendment #1 309 North Ashley Street Ann Arbor MI	BFLD REDEV
Site ID: Facility County: Data Source:		50006051 Washtenaw 50006051 Washtenaw 2023 Approvals				
Details						
Approved Date: Tax Incre Amount Approved : Tax Incre Amount Approved 1:		23-Jun-2020 00:00:00 87500 18026				
28	4 of 5	W	0.12 / 625.37	811.09 / -15	309 North Ashley Street - Amendment #1 309 North Ashley Street Ann Arbor MI	BFLD REDEV
Site ID: Facility County: Data Source:		50006051 Washtenaw 2023 Approvals				
Details						
Approved Date: Tax Incre Amount Approved : Tax Incre Amount Approved 1:		6/23/2020 87500 18026				
28	5 of 5	W	0.12 / 625.37	811.09 / -15	309 North Ashley Street 309 North Ashley Street Ann Arbor MI	BFLD REDEV
Site ID: Facility County: Data Source:		50006051 Washtenaw 2023 Approvals				
Details						
Approved Date: Tax Incre Amount Approved : Tax Incre Amount Approved 1:		8/2/2019 1951522 402049				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
29	1 of 1	SW	0.12 / 653.98	835.11 / 9	CUSHMAN & WAKEFIELD 101 N MAIN ST ANN ARBOR MI 48104	WASTE
WDS ID:		428992				
Site ID:		MIG000055149				
County:		WASHTENAW				
Legal Name:		CUSHMAN & WAKEFIELD				
Contact Name:						
Contact Phone:						
Contact Email:						

30	1 of 7	ENE	0.13 / 676.89	831.48 / 5	Zingerman's Deli 422 Detroit Street Ann Arbor MI 48104	BROWNFIELDS
Plan Submitted by:		County of Washtenaw BRA		Non Envi TIR Expen:		\$27,718
Site Reporting Year:				Local TIR Received:		\$17,702
Compliant:		Yes		Local ISD TIR Rcvd:		\$4,492
Dt BFLD Plan Apprv:				Local TIR Expend:		\$8,462
Local Only Plan:				Lcl Only TIR Expen:		\$9,240
Rehabilitated Resi:		0		State TIR Expend:		\$19,256
New Resi Square Ft:		0		No TIR Cap Reimbur:		
Rehab Resi Sq Ft:		0		Amt Sch Op TIR Rcv:		\$19,256
Retail Square Ft:		0		Amt of St Edu TIR:		
Commercial Sq Ft:		13334		Prin Interest/Ind:		\$0
Industrial Sq Ft:		812		Actual Capi Invest:		\$7,400,000
Public Infra Sq Ft:		0		Beg Dt Tax Capture:		1/1/2011
Pub Infra Linea Ft:		0		Intial Taxable Val:		\$669,228
New Jobs Created:		78		Tax Capture Status:		
Envir TIR Expend:		\$0				
Cap Taxable Val on Elig:		\$1,258,088				
Total Amt TIR Coll Prior 2013:		\$996				
Brownfield Plan Name:		Zingerman's Deli				
Property Address:		422 Detroit Street				
City:		Ann Arbor				
County:		Washtenaw				
Project Name (Mapper):						
Address (Mapper):						
City (Mapper):						
County (Mapper):						
Unique ID:						
Latitude (Mapper):						
Longitude (Mapper):						
Data Source:						

30	2 of 7	ENE	0.13 / 676.89	831.48 / 5	Zingerman's Deli 422 Detroit Street Ann Arbor MI	BROWNFIELDS
Plan Submitted by:		County of Washtenaw BRA		Non Envi TIR Expen:		\$27,597
Site Reporting Year:				Local TIR Received:		\$17,518
Compliant:		Yes		Local ISD TIR Rcvd:		\$4,442
Dt BFLD Plan Apprv:				Local TIR Expend:		\$8,319
Local Only Plan:				Lcl Only TIR Expen:		\$9,199
Rehabilitated Resi:		0		State TIR Expend:		\$19,278
New Resi Square Ft:		0		No TIR Cap Reimbur:		
Rehab Resi Sq Ft:		0		Amt Sch Op TIR Rcv:		\$19,278
Retail Square Ft:		0		Amt of St Edu TIR:		
Commercial Sq Ft:		13334		Prin Interest/Ind:		\$0
Industrial Sq Ft:		812		Actual Capi Invest:		\$7,400,000
Public Infra Sq Ft:		0		Beg Dt Tax Capture:		1/1/2011
Pub Infra Linea Ft:		0		Intial Taxable Val:		\$669,228
New Jobs Created:		78		Tax Capture Status:		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Envir TIR Expend: \$0 Cap Taxable Val on Elig: \$1,274,287 Total Amt TIR Coll Prior 2013: \$996 Brownfield Plan Name: Zingerman's Deli Property Address: 422 Detroit Street City: Ann Arbor County: Washtenaw Project Name (Mapper): Address (Mapper): City (Mapper): County (Mapper): Unique ID: Latitude (Mapper): Longitude (Mapper): Data Source:						

30	3 of 7	ENE	0.13 / 676.89	831.48 / 5	Zingerman's Deli 422 Detroit Street Ann Arbor MI	BROWNFIELDS
Plan Submitted by: County of Washtenaw BRA Site Reportng Year: Compliant: Dt BFLD Plan Apprv: 8/4/2010 Local Only Plan: No Rehabilitated Resi: 0 New Resi Square Ft: 0 Rehab Resi Sq Ft: 0 Retail Square Ft: 0 Commercial Sq Ft: 13,334 Industrial Sq Ft: 812 Public Infra Sq Ft: 2400 Pub Infra Linea Ft: 639 New Jobs Created: 82 Envir TIR Expend: 0 Cap Taxable Val on Elig: 1403225 Total Amt TIR Coll Prior 2013: 996 Brownfield Plan Name: Zingerman's Deli Property Address: 422 Detroit Street City: Ann Arbor County: Washtenaw Project Name (Mapper): Address (Mapper): City (Mapper): County (Mapper): Unique ID: Latitude (Mapper): Longitude (Mapper): Data Source:						
Non Envi TIR Expen: 27702 Local TIR Received: 10685 Local ISD TIR Rcvd: 4551 Local TIR Expend: 8465 Lcl Only TIR Expen: 9234 State TIR Expend: 19237 No TIR Cap Reimbur: Amt Sch Op TIR Rcv: 13769 Amt of St Edu TIR: Prin Interest/Ind: 0 Actual Capi Invest: 7400000 Beg Dt Tax Capture: 1/1/2011 Intial Taxable Val: 669228 Tax Capture Status:						

30	4 of 7	ENE	0.13 / 676.89	831.48 / 5	Zingerman's Deli 422 Detroit Street Ann Arbor MI	BROWNFIELDS
Plan Submitted by: County of Washtenaw BRA Site Reportng Year: 2016 Compliant: Yes Dt BFLD Plan Apprv: 8/4/2010 Local Only Plan: No Rehabilitated Resi: 0 New Resi Square Ft: 0 Rehab Resi Sq Ft: Retail Square Ft: 0 Commercial Sq Ft: 13,334 Industrial Sq Ft: 812 Public Infra Sq Ft: 2,400 Pub Infra Linea Ft: 639						
Non Envi TIR Expen: \$28,984 Local TIR Received: \$10,808 Local ISD TIR Rcvd: \$6,261 Local TIR Expend: \$15,550 Lcl Only TIR Expen: \$3,865 State TIR Expend: \$19,122 No TIR Cap Reimbur: Amt Sch Op TIR Rcv: \$13,983 Amt of St Edu TIR: \$5,018 Prin Interest/Ind: \$0 Actual Capi Invest: \$7,400,000 Beg Dt Tax Capture: Intial Taxable Val: \$669,228						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
New Jobs Created:	92				Tax Capture Status:	Capture started
Envir TIR Expend:	\$0					
Cap Taxable Val on Elig:	\$1,097,409					
Total Amt TIR Coll Prior 2013:	\$996					
Brownfield Plan Name:	Zingerman's Deli					
Property Address:	422 Detroit Street					
City:	Ann Arbor					
County:	Washtenaw					
Project Name (Mapper):						
Address (Mapper):						
City (Mapper):						
County (Mapper):						
Unique ID:						
Latitude (Mapper):						
Longitude (Mapper):						
Data Source:						

[30](#) 5 of 7 **ENE** **0.13 / 676.89** **831.48 / 5** **Zingerman's Deli
422 Detroit Street
Ann Arbor MI** **BROWNFIELDS**

Plan Submitted by:	County of Washtenaw BRA	Non Envi TIR Expen:	\$30,572
Site Reportng Year:	2017	Local TIR Received:	\$12,358
Compliant:	Yes	Local ISD TIR Rcvd:	\$6,243
Dt BFLD Plan Apprv:	8/4/2010	Local TIR Expend:	\$20,996
Local Only Plan:	No	Lcl Only TIR Expen:	\$0
Rehabilitated Resi:	-	State TIR Expend:	\$18,525
New Resi Square Ft:	-	No TIR Cap Reimbur:	
Rehab Resi Sq Ft:		Amt Sch Op TIR Rcv:	\$13,571
Retail Square Ft:	-	Amt of St Edu TIR:	\$4,954
Commercial Sq Ft:	13,334	Prin Interest/Ind:	\$0
Industrial Sq Ft:	812	Actual Capi Invest:	\$7,400,000
Public Infra Sq Ft:	2,400	Beg Dt Tax Capture:	1/1/2011
Pub Infra Linea Ft:	639	Intial Taxable Val:	\$669,228
New Jobs Created:	92	Tax Capture Status:	Capture started
Envir TIR Expend:	\$0		
Cap Taxable Val on Elig:	\$1,113,308		
Total Amt TIR Coll Prior 2013:	\$996		
Brownfield Plan Name:	Zingerman's Deli		
Property Address:	422 Detroit Street		
City:	Ann Arbor		
County:	Washtenaw		
Project Name (Mapper):			
Address (Mapper):			
City (Mapper):			
County (Mapper):			
Unique ID:			
Latitude (Mapper):			
Longitude (Mapper):			
Data Source:			

[30](#) 6 of 7 **ENE** **0.13 / 676.89** **831.48 / 5** **Zingerman's Deli
422 Detroit Street
Ann Arbor MI** **BROWNFIELDS**

Plan Submitted by:	County of Washtenaw BRA	Non Envi TIR Expen:	\$30,808
Site Reportng Year:	2018	Local TIR Received:	\$21,791
Compliant:	Yes	Local ISD TIR Rcvd:	
Dt BFLD Plan Apprv:	8/4/2010	Local TIR Expend:	\$15,248
Local Only Plan:	No	Lcl Only TIR Expen:	\$0
Rehabilitated Resi:	0	State TIR Expend:	\$15,560
New Resi Square Ft:	0	No TIR Cap Reimbur:	
Rehab Resi Sq Ft:		Amt Sch Op TIR Rcv:	\$14,269
Retail Square Ft:	0	Amt of St Edu TIR:	\$5,018
Commercial Sq Ft:	13,334	Prin Interest/Ind:	\$0
Industrial Sq Ft:	812	Actual Capi Invest:	\$7,400,000
Public Infra Sq Ft:	2,400	Beg Dt Tax Capture:	1/1/2011

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Pub Infra Linea Ft:	639				Intial Taxable Val:	\$669,228
New Jobs Created:	92				Tax Capture Status:	Capture started
Envir TIR Expend:	\$0					
Cap Taxable Val on Elig:		\$1,403,741				
Total Amt TIR Coll Prior 2013:		\$996				
Brownfield Plan Name:		Zingerman's Deli				
Property Address:		422 Detroit Street				
City:		Ann Arbor				
County:		Washtenaw				
Project Name (Mapper):						
Address (Mapper):						
City (Mapper):						
County (Mapper):						
Unique ID:						
Latitude (Mapper):						
Longitude (Mapper):						
Data Source:		Brownfield TIF 2018 Annual Report				

30	7 of 7	ENE	0.13 / 676.89	831.48 / 5	Zingerman's Deli 422 Detroit Street Ann Arbor MI	BROWNFIELDS
Plan Submitted by:	County of Washtenaw BRA				Non Envi TIR Expen:	\$27,317
Site Reporting Year:	2019				Local TIR Received:	\$16,172
Compliant:	Yes				Local ISD TIR Rcvd:	\$417
Dt BFLD Plan Apprv:	8/4/2010				Local TIR Expend:	\$10,434
Local Only Plan:	No				Lcl Only TIR Expen:	\$0
Rehabilitated Resi:	0				State TIR Expend:	\$16,884
New Resi Square Ft:	0				No TIR Cap Reimbur:	
Rehab Resi Sq Ft:					Amt Sch Op TIR Rcv:	\$14,719
Retail Square Ft:	0				Amt of St Edu TIR:	\$5,116
Commercial Sq Ft:	13334				Prin Interest/Ind:	\$0
Industrial Sq Ft:	812				Actual Capi Invest:	\$7,400,000
Public Infra Sq Ft:	2400				Beg Dt Tax Capture:	1/1/2011
Pub Infra Linea Ft:	639				Intial Taxable Val:	\$669,228
New Jobs Created:	92				Tax Capture Status:	Capture started
Envir TIR Expend:	\$0					
Cap Taxable Val on Elig:		\$1,428,220				
Total Amt TIR Coll Prior 2013:		\$996				
Brownfield Plan Name:		Zingerman's Deli				
Property Address:		422 Detroit Street				
City:		Ann Arbor				
County:		Washtenaw				
Project Name (Mapper):						
Address (Mapper):						
City (Mapper):						
County (Mapper):						
Unique ID:						
Latitude (Mapper):						
Longitude (Mapper):						
Data Source:		Brownfield TIF 2019 Annual Report (Revised Dec 22, 2020)				

31	1 of 2	WSW	0.13 / 708.51	826.44 / 0	CISCO SYSTEMS INC 123 N ASHLEY ST SUITE 100 ANN ARBOR MI 48104	RCRA SQG
EPA Handler ID:	MIK213756545					
Gen Status Universe:	Small Quantity Generator					
Contact Name:	ERIN HITE					
Contact Address:						
Contact Phone No and Ext:	919-448-1817					
Contact Email:	ERHITE@CISCO.COM					
Contact Country:						
County Name:	WASHTENAW					
EPA Region:	05					
Land Type:	Private					
Receive Date:	20210322					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Location Latitude: 42.282087
 Location Longitude: -83.749758

Violation/Evaluation Summary

Note: NO RECORDS: As of Jul 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

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: 20210322
 Handler Name: CISCO SYSTEMS INC
 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

Owner/Operator Details

Owner/Operator Ind: Current Owner	Street No:
Type: Private	Street 1: 123 N ASHLEY ST
Name: 300 N FIFTH LLC	Street 2: SUITE 100
Date Became Current: 20131001	City: ANN ARBOR
Date Ended Current:	State: MI
Phone:	Country: US
Source Type: Notification	Zip Code: 48104-1316

Owner/Operator Ind: Current Operator	Street No:
Type: Private	Street 1: 123 N ASHLEY ST
Name: CISCO SYSTEMS INC ANN ARBOR	Street 2: SUITE 100
Date Became Current: 20170601	City: ANN ARBOR
Date Ended Current:	State: MI
Phone:	Country: US
Source Type: Notification	Zip Code: 48104-1316

31	2 of 2	WSW	0.13 / 708.51	826.44 / 0	CISCO SYSTEMS INC ANN ARBOR (ARB01) 123 N ASHLEY ST ANN ARBOR MI 48104	WASTE
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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WDS ID: 498278
Site ID: MIK213756545
County: WASHTENAW
Legal Name: CISCO SYSTEMS INC
Contact Name:
Contact Phone:
Contact Email:

32	1 of 2	SW	0.14 / 717.86	830.77 / 5	FIRST MARTIN CORPORATION 120 W HURON ST ANN ARBOR MI 48104	RCRA NON GEN
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EPA Handler ID: MIK136675556
Gen Status Universe: No Report
Contact Name: DARREN MCKINNON
Contact Address: US
Contact Phone No and Ext: 734-994-5050
Contact Email: DMCKINNON@FIRSTMARTIN.COM
Contact Country: US
County Name: WASHTENAW
EPA Region: 05
Land Type: Private
Receive Date: 20140226
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jul 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

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: 20140226
Handler Name: FIRST MARTIN CORPORATION
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

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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Owner/Operator Details

Owner/Operator Ind: Current Operator **Street No:**
Type: Private **Street 1:**
Name: FIRST MARTIN CORPORATION / WILLIAM C **Street 2:**
 MAR
Date Became Current: 19690601 **City:**
Date Ended Current: **State:**
Phone: **Country:**
Source Type: Notification **Zip Code:**

Owner/Operator Ind: Current Owner **Street No:**
Type: Private **Street 1:**
Name: FIRST MARTIN CORPORATION / WILLIAM C **Street 2:**
 MAR
Date Became Current: 19690601 **City:**
Date Ended Current: **State:**
Phone: **Country:**
Source Type: Notification **Zip Code:**

32	2 of 2	SW	0.14 / 717.86	830.77 / 5	120 WEST HURON PROPERTY 120 W HURON ST ANN ARBOR MI 48104	WASTE
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WDS ID: 493468
Site ID: MIK136675556
County: WASHTENAW
Legal Name: FIRST MARTIN CORPORATION
Contact Name:
Contact Phone:
Contact Email:

33	1 of 2	SSW	0.14 / 727.48	835.53 / 10	MI DEPT/TRANSPORTATION 1 94 UNDER US 23 NB/SB ANN ARBOR MI 48106	RCRA NON GEN
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EPA Handler ID: MIK232181370
Gen Status Universe: No Report
Contact Name: STEVEN BOWER
Contact Address: 1 94 UNDER US 23 NB/SB , , ANN ARBOR , MI, 48106 , US
Contact Phone No and Ext: 810-227-4681
Contact Email:
Contact Country: US
County Name: WASHTENAW
EPA Region: 05
Land Type: State
Receive Date: 20061106
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jul 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<i>Furnace Exemption:</i>		No				
<i>Underground Injection Activity:</i>		No				
<i>Commercial TSD:</i>		No				
<i>Used Oil Transporter:</i>		No				
<i>Used Oil Transfer Facility:</i>		No				
<i>Used Oil Processor:</i>		No				
<i>Used Oil Refiner:</i>		No				
<i>Used Oil Burner:</i>		No				
<i>Used Oil Market Burner:</i>		No				
<i>Used Oil Spec Marketer:</i>		No				

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20031216
Handler Name: MI DEPT/TRANSPORTATION
Source Type: Notification
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20061106
Handler Name: MI DEPT/TRANSPORTATION
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind: Current Owner	Street No:
Type: State	Street 1:
Name: MICH DEPT OF TRANSPORTATION	Street 2:
Date Became Current: 20031218	City:
Date Ended Current:	State:
Phone:	Country:
Source Type: Notification	Zip Code:

Owner/Operator Ind: Current Operator	Street No:
Type: State	Street 1:
Name: MICH DEPT OF TRANSPORTATION	Street 2:
Date Became Current: 20031218	City:
Date Ended Current:	State:
Phone:	Country:
Source Type: Notification	Zip Code:

Historical Handler Details

Receive Dt: 20031216
Generator Code Description: Very Small Quantity Generator
Handler Name: MI DEPT/TRANSPORTATION

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
33	2 of 2	SSW	0.14 / 727.48	835.53 / 10	MIDOT BRIDGE S08-81062 I 94 UNDER US 23 NB/SB ANN ARBOR MI 48106	WASTE
WDS ID:		476685				
Site ID:		MIK232181370				
County:		WASHTENAW				
Legal Name:		MI DEPT/TRANSPORTATION				
Contact Name:						
Contact Phone:						
Contact Email:						
34	1 of 1	SSW	0.14 / 742.95	836.14 / 10	MI DEPT/TRANSPORTATION I 94 OVER I 94 BUSINESS LOOP ANN ARBOR MI 48106	RCRA VSQG

EPA Handler ID: MIK454441262
Gen Status Universe: VSG
Contact Name: STEVEN BOWER
Contact Address: I 94 OVER I 94 BUSINESS LOOP , , ANN ARBOR , MI, 48106 , US
Contact Phone No and Ext: 810-227-4681
Contact Email:
Contact Country: US
County Name: WASHTENAW
EPA Region: 05
Land Type: State
Receive Date: 20030331
Location Latitude: 42.281354
Location Longitude: -83.748425

Violation/Evaluation Summary

Note: NO RECORDS: As of Jul 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

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: 20030331
Handler Name: MI DEPT/TRANSPORTATION
Federal Waste Generator Code: 3
Generator Code Description: Very Small 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

Owner/Operator Details

Owner/Operator Ind: Current Owner	Street No:
Type: State	Street 1:
Name: MICH DEPT OF TRANSPORTATION	Street 2:
Date Became Current: 20030331	City:
Date Ended Current:	State:
Phone:	Country:
Source Type: Notification	Zip Code:

Owner/Operator Ind: Current Operator	Street No:
Type: State	Street 1:
Name: MICH DEPT OF TRANSPORTATION	Street 2:
Date Became Current: 20030331	City:
Date Ended Current:	State:
Phone:	Country:
Source Type: Notification	Zip Code:

35	1 of 1	SE	0.15 / 769.07	833.91 / 8	ERVIN INDUS INC--ANN ARBOR, MICH. WASHTENAW COUNTY ANN ARBOR MI 48104	MRDS
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Dep ID: 10219106 **I1:** 26
Dev Status: PRODUCER **Latitude:** 42.281677
Code List: ABR_E **Longitude:** -83.745483
Url: http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10219106

Commodity

I1: 36	Line: 1
Code: ABR_E	Inserted By: MAS migration
Commodity: Emery	Insert Date: 29-OCT-2002 09:00:24
Commodity Type: Non-metallic	Updated By: USGS
Commodity Group: Abrasives	Update Date: 29-OCT-2002 09:01:59
Importance: Primary	

Names

I1: 24	Inserted By: MAS migration
Status: Previous	Insert Date: 29-OCT-02
Site Name: Ervin Industries Inc.	Updated By: USGS
Line: 3	Update Date: 29-OCT-02

Names

I1: 24	Inserted By: MAS migration
Status: Current	Insert Date: 29-OCT-02
Site Name: Ervin Indus Inc--Ann Arbor, Mich.	Updated By: USGS
Line: 1	Update Date: 29-OCT-02

36	1 of 4	SE	0.15 / 773.15	838.52 / 12	City of Ann Arbor 100 N 5TH AVE ANN ARBOR MI 48104-5522	UST
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Facility ID: 00010246

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Facility Status:		Inactive				
Facility Name:		City of Ann Arbor				
Fac Street No:		100				
Fac Street Direc:		N				
Fac Street Name:		5TH				
Fac Suffix Type:		AVE				
Fac Suffix Direc:						
Facility City:		ANN ARBOR				
Facility Zip:		48104-5522				
Facility County:		WASHTENAW				
Facility State:		MI				
Fac Name (Map):		City of Ann Arbor				
Address (Map):		100 North 5th Avenue				
City (Map):		Ann Arbor				
Zip code (Map):		48107				
County (Map):		Washtenaw				
Latitude (Map):		42.282225				
Longitude (Map):		-83.744879				
Geometry(Map):		MULTIPOINT (-83.74487437756274 42.2822168689531)				
Facility Name (RIDE):						
Full Address (RIDE):						
City (RIDE):						
County (RIDE):						
Township (RIDE):						
Latitude (RIDE):						
Longitude (RIDE):						
Original Source:		Licensing and Regulatory Affairs Underground Tank List (LARA); Underground Storage Tanks Part 211 (Map)				

Department of Licensing and Regulatory Affairs - Tank & Piping Info

Old Tank ID No:	2	Tank Capacity:	3000
New Tank ID No:	UTK-097822-15	Tank Install Date:	09/15/1991
Tank Status:	Removed from Ground	Tank Removal Date:	09/21/2011
Tank Content:	Diesel		
Tank Compartments:			
Tank Release Detection:	Automatic Tank Gauging,Interstitial Monitoring Double Walled Tank/Piping		
Tank Construction:	Double Walled,Other		
Impressed Current:			
Piping Release Detection:	Interstitial Monitoring Second Containment,Other		
Piping Material:	Double Walled		
Piping Type:	Suction:Valve at Tank		
Status:	Licensing and Regulatory Affairs Underground Tank List (LARA)		

Old Tank ID No:	1	Tank Capacity:	8300
New Tank ID No:	UTK-002071-15	Tank Install Date:	04/11/1966
Tank Status:	Removed from Ground	Tank Removal Date:	09/15/1991
Tank Content:	Diesel		
Tank Compartments:			
Tank Release Detection:			
Tank Construction:	Asphalt Coated or Bare Steel		
Impressed Current:			
Piping Release Detection:			
Piping Material:	Unknown		
Piping Type:			
Status:	Licensing and Regulatory Affairs Underground Tank List (LARA)		

EGLE Environmental Mapper

Owner ID:	2687	Accuracy:	10
Open LUST:	No	Acc Unit:	METERS
Closed LUST:	Yes	Source:	State of MI
Active Site:	No	Shp Type:	POINT
Closed Site:	Yes	Restrict:	YES
District Name:	Jackson District Office	Desc Cater:	Plant Entrance (Freight)
H Datum:	NAD83		
Collection Method:	GPS Code Meas. Standard Positioning Service SA Off		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Department of Licensing and Regulatory Affairs - Tank Owner Info

Owner Name: City of Ann Arbor
Owner Address: PO Box 8647 100 N Fifth Ave
Owner City: Ann Arbor
Owner State: MI
Owner Zip: 48107
Owner Phone: 7347946000

36	2 of 4	SE	0.15 / 773.15	838.52 / 12	CITY OF ANN ARBOR CITY HALL 100 N 5TH AVE ANN ARBOR MI	LUST
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Facility ID: 00010246
EPA ID:
LUST Name:
Contaminant Class :
Regulat Pgm (RIDE):
County (RIDE):
Township (RIDE):
Facility Name (RIDE):
Full Address (RIDE):
Facility City (RIDE):
Company Name (Map): City of Ann Arbor
Address (Map): 100 North 5th Avenue
City (Map): Ann Arbor
ZIP (Map): 48107
Location Name: City of Ann Arbor
Street Address: 100 N 5TH AVE
City Village: ANN ARBOR
Zip Code: 48104
Data Source: LUST List; Leaking Underground Storage Tanks Part 213 Closed (Map)

Latitude (RIDE):
Longitude (RIDE):
County (Map): Washtenaw
Lat (Map): 42.282225
Long (Map): -83.744879
County: Washtenaw
EGLE Distri: Jackson

LUST Details (EGLE Enviromental Mapper)

Owner ID: 2687
Active Site: No
Close Site: Yes
Close LUST: Closed
Open LUST: 0
Restrict: YES
Source: State of MI
Col Date: 2002-03-13 00:00:00
District: Jackson District Office
MOC: GPS Code Meas. Standard Positioning Service SA Off
Geometry: MULTIPOINT (-83.74487437756274 42.2822168689531)

H Datum: NAD83
Accuracy: 10
Acc Unit: METERS
Shp Type: POINT
Desc Cater: Plant Entrance (Freight)
Updated on: 2013-03-07 14:22:12.457
MGR X:
MGR Y:

LUST List

Release ID: REL-0155-11
Release Discovered Date: NULL
Release Closed Date: 2012-01-30 00:00:00.000
Date Reported: 2011-09-29 15:00:00.000
Address Details: NULL
Release Status: Closed

36	3 of 4	SE	0.15 / 773.15	838.52 / 12	CITY OF ANN ARBOR CITY HALL 100 N 5TH AVE ANN ARBOR MI 48104	WASTE
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WDS ID: 448368
Site ID: MIG000029066
County: WASHTENAW
Legal Name: CITY OF ANN ARBOR

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Contact Name:
 Contact Phone:
 Contact Email:

36	4 of 4	SE	0.15 / 773.15	838.52 / 12	ANN ARBOR COMPOST AREA 100 N 5TH AVE ANN ARBOR MI 48104	WASTE
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WDS ID: 465399
 Site ID:
 County: WASHTENAW
 Legal Name: ANN ARBOR COMPOST AREA
 Contact Name:
 Contact Phone:
 Contact Email:

37	1 of 2	SSW	0.15 / 785.08	836.79 / 11	NATIONAL CITY BANK 101 S MAIN ST ANN ARBOR MI 48104	RCRA VSQG
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EPA Handler ID: MIK354217168
 Gen Status Universe: VSG
 Contact Name: BART QUINLEY
 Contact Address: 101 S MAIN ST , , ANN ARBOR , MI, 48104 , US
 Contact Phone No and Ext: 734-721-5511
 Contact Email:
 Contact Country: US
 County Name: WASHTENAW
 EPA Region: 05
 Land Type: Private
 Receive Date: 20041227
 Location Latitude: 42.281218
 Location Longitude: -83.748489

Violation/Evaluation Summary

Note: NO RECORDS: As of Jul 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

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: 20041227
 Handler Name: NATIONAL CITY BANK

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind: Current Owner	Street No:
Type: Private	Street 1:
Name: NATIONAL CITY BANK	Street 2:
Date Became Current: 20041227	City:
Date Ended Current:	State:
Phone:	Country:
Source Type: Notification	Zip Code:

Owner/Operator Ind: Current Operator	Street No:
Type: Private	Street 1:
Name: NATIONAL CITY BANK	Street 2:
Date Became Current: 20041227	City:
Date Ended Current:	State:
Phone:	Country:
Source Type: Notification	Zip Code:

37	2 of 2	SSW	0.15 / 785.08	836.79 / 11	NATIONAL CITY BANK 101 S MAIN ST ANN ARBOR MI 48104	WASTE
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WDS ID: 478365
Site ID: MIK354217168
County: WASHTENAW
Legal Name: NATIONAL CITY BANK
Contact Name:
Contact Phone:
Contact Email:

38	1 of 1	S	0.15 / 802.03	841.15 / 15	KELLY OIL CO 206 E HURON STREET ANN ARBOR MI 48104	WASTE
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WDS ID: 447707
Site ID: MIG000030025
County: WASHTENAW
Legal Name: KELLY OIL CO
Contact Name:
Contact Phone:
Contact Email:

39	1 of 1	WSW	0.15 / 803.64	827.05 / 1	204 W Huron 204 W Huron, MI, 48104 MI	SHWS
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EPA ID:		Source:	
Facility ID (Web): 81000710		EGLE District:	
Site ID (Map): 81000710		House District:	Felicia Brabec
Regulatory Program: 201		Senate District:	Jeff Irwin
Lust Name:		Hzaccms:	
Project Manager: Wilde, Dan		Scale No:	
Release Status:		MGR X:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Pollutants:				MGR Y:		
Fac Name (Web):		204 W Huron				
Address (Web):		204 W Huron, MI, 48104				
City (Web):						
Township (Web):						
County (Web):		Washtenaw				
Latitude (Web):		42.28168544				
Longitude (Web):		-83.74998715				
Site Name (Map):		204 W Huron				
Address (Map):		204 W Huron				
City (Map):						
Zip Code (Map):		48104				
County (Map):		Washtenaw				
Latitude (Map):		42.281685				
Longitude (Map):		-83.7499871				
US Congressional District:		Debbie Dingell				
H Ref Datum:						
H Ref Moc:						
OS Descrip:		Risks Not Determined				
Ref Desc:						
Risk Condition:		Risks Not Determined				
Data Source:		DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)				

40	1 of 1	SSW	0.15 / 814.36	834.86 / 9	WASHTENAW COUNTY FACILITY MGMT 101 W HURON ANN ARBOR MI 48104	WASTE
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WDS ID: 454514
Site ID: MIG000017653
County: WASHTENAW
Legal Name: COUNTY OF WASHTENAW FACILITY MANAGEMENT
Contact Name:
Contact Phone:
Contact Email:

41	1 of 1	ENE	0.15 / 818.06	823.00 / -3	FLYING DUTCHMAN 540 DETROIT ST ANN ARBOR MI 48104	WASTE
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WDS ID: 454290
Site ID: MIG000017800
County: WASHTENAW
Legal Name: FLYING DUTCHMAN
Contact Name:
Contact Phone:
Contact Email:

42	1 of 1	NNE	0.16 / 847.72	805.77 / -20	215 Beakes St Ann Arbor MI 48104	BEA
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Facility ID (Web): 81000024	Facility ID (Map):
Bea No (Web): 201301272JK	Bea No (Map): 201301272JK
Fac Name (Web):	Fac Name (Map):
Address (Web): 215 Beaks Street	Address (Map): 215 Beakes St
City (Web):	City (Map): Ann Arbor
Zip (Web): 48104	Zip (Map): 48104
County (Web): Washtenaw	County (Map): Washtenaw
Township (Web): Ann Arbor City	Township (Map): Ann Arbor City
District (Web): Jackson	District (Map): Jackson
Latitude (Web): 42.28725	Latitude (Map): 42.28556564
Longitude (Web): -83.74356	Longitude (Map): -83.746825

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Data Source (Web): BEA				Data Source (Map): BEA		
Accuracy:				Method of Collect: Geocode		
Facility 2:				Object ID: 6352		
Source:				ID: 1705		
Submitted:						
Source:		DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)				

[43](#) 1 of 1 **ENE** **0.17 / 887.90** **823.36 / -3** **PALOMA GALLERY
500 DETROIT ST
ANN ARBOR MI 48104** **WASTE**

WDS ID: 421155
Site ID: MIG000062418
County: WASHTENAW
Legal Name: PALOMA GALLERY
Contact Name:
Contact Phone:
Contact Email:

[44](#) 1 of 2 **SE** **0.17 / 896.90** **845.51 / 19** **Comerica Bank
300 E HURON ST
ANN ARBOR MI 48104-1909** **UST**

Facility ID: 00035726
Facility Status: Inactive
Facility Name: Comerica Bank
Fac Street No: 300
Fac Street Direc: E
Fac Street Name: HURON
Fac Suffix Type: ST
Fac Suffix Direc:
Facility City: ANN ARBOR
Facility Zip: 48104-1909
Facility County: WASHTENAW
Facility State: MI
Fac Name (Map): Comerica Bank
Address (Map): 300 E HURON ST
City (Map): ANN ARBOR
Zip code (Map): 48104
County (Map): Washtenaw
Latitude (Map): 42.281185
Longitude (Map): -83.745637
Geometry(Map): MULTIPOINT (-83.74563237742726 42.281176869174985)
Facility Name (RIDE):
Full Address (RIDE):
City (RIDE):
County (RIDE):
Township (RIDE):
Latitude (RIDE):
Longitude (RIDE):
Original Source: Licensing and Regulatory Affairs Underground Tank List (LARA); Underground Storage Tanks Part 211 (Map)

Department of Licensing and Regulatory Affairs - Tank & Piping Info

Old Tank ID No: 2
New Tank ID No: UTK-065072-15
Tank Status: Removed from Ground
Tank Content: Gasoline
Tank Compartments:
Tank Release Detection:
Tank Construction: Asphalt Coated or Bare Steel
Impressed Current:
Piping Release Detection:
Piping Material: Galvanized Steel

Tank Capacity: 1000
Tank Install Date: 01/01/1974
Tank Removal Date: 09/24/1991

Piping Type:
Status: Licensing and Regulatory Affairs Underground Tank List (LARA)

Old Tank ID No:	3	Tank Capacity:	3000
New Tank ID No:	UTK-026926-15	Tank Install Date:	01/01/1974
Tank Status:	Removed from Ground	Tank Removal Date:	09/24/1991
Tank Content:	Gasoline		
Tank Compartments:			
Tank Release Detection:			
Tank Construction:	Asphalt Coated or Bare Steel		
Impressed Current:			
Piping Release Detection:			
Piping Material:	Galvanized Steel		
Piping Type:			
Status:	Licensing and Regulatory Affairs Underground Tank List (LARA)		

Old Tank ID No:	1	Tank Capacity:	1000
New Tank ID No:	UTK-065069-15	Tank Install Date:	01/01/1974
Tank Status:	Removed from Ground	Tank Removal Date:	09/24/1991
Tank Content:	Gasoline		
Tank Compartments:			
Tank Release Detection:			
Tank Construction:	Asphalt Coated or Bare Steel		
Impressed Current:			
Piping Release Detection:			
Piping Material:	Galvanized Steel		
Piping Type:	Suction: No Valve at Tank		
Status:	Licensing and Regulatory Affairs Underground Tank List (LARA)		

Old Tank ID No:	4	Tank Capacity:	1000
New Tank ID No:	UTK-006790-15	Tank Install Date:	
Tank Status:	Removed from Ground	Tank Removal Date:	10/10/1991
Tank Content:	Heating Oil		
Tank Compartments:			
Tank Release Detection:			
Tank Construction:	Asphalt Coated or Bare Steel		
Impressed Current:			
Piping Release Detection:			
Piping Material:	Bare Steel		
Piping Type:	Suction: No Valve at Tank		
Status:	Licensing and Regulatory Affairs Underground Tank List (LARA)		

Old Tank ID No:	5	Tank Capacity:	1000
New Tank ID No:	UTK-010022-15	Tank Install Date:	
Tank Status:	Removed from Ground	Tank Removal Date:	10/10/1991
Tank Content:	Used Oil		
Tank Compartments:			
Tank Release Detection:			
Tank Construction:	Asphalt Coated or Bare Steel		
Impressed Current:			
Piping Release Detection:			
Piping Material:	Bare Steel		
Piping Type:	Suction: No Valve at Tank		
Status:	Licensing and Regulatory Affairs Underground Tank List (LARA)		

EGLE Environmental Mapper

Owner ID:	22079	Accuracy:	100
Open LUST:	No	Acc Unit:	FEET
Closed LUST:	Yes	Source:	State of MI
Active Site:	No	Shp Type:	POINT
Closed Site:	Yes	Restrict:	YES
District Name:	Jackson 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

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Owner Name: Comerica Inc
Owner Address: 211 W FORT ST
Owner City: DETROIT
Owner State: MI
Owner Zip: 48226
Owner Phone: 3137885697

44	2 of 2	SE	0.17 / 896.90	845.51 / 19	Comerica Bank 300 E HURON ST ANN ARBOR MI	LUST
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Facility ID:	00035726	Latitude (RIDE):	
EPA ID:		Longitude (RIDE):	
LUST Name:		County (Map):	Washtenaw
Contaminant Class :		Lat (Map):	42.281185
Regulat Pgm (RIDE):		Long (Map):	-83.745637
County (RIDE):		County:	Washtenaw
Township (RIDE):		EGLE Distri:	Jackson
Facility Name (RIDE):			
Full Address (RIDE):			
Facility City (RIDE):			
Company Name (Map):	Comerica Bank		
Address (Map):	300 E HURON ST		
City (Map):	ANN ARBOR		
ZIP (Map):	48104		
Location Name:	Comerica Bank		
Street Address:	300 E HURON ST		
City Village:	ANN ARBOR		
Zip Code:	48104		
Data Source:	LUST List; Leaking Underground Storage Tanks Part 213 Closed (Map)		

LUST Details (EGLE Enviromental Mapper)

Owner ID:	22079	H Datum:	NAD83
Active Site:	No	Accuracy:	100
Close Site:	Yes	Acc Unit:	FEET
Close LUST:	Closed	Shp Type:	POINT
Open LUST:	0	Desc Cater:	Plant Entrance (Freight)
Restrict:	YES	Updated on:	2013-03-07 14:22:12.457
Source:	State of MI	MGR X:	
Col Date:	2001-11-01 00:00:00	MGR Y:	
District:	Jackson District Office		
MOC:	Address Matching-House Number		
Geometry:	MULTIPOINT (-83.74563237742726 42.281176869174985)		

LUST List

Release ID:	REL-0439-85
Release Discovered Date:	NULL
Release Closed Date:	1993-03-24 00:00:00.000
Date Reported:	1900-01-01 00:00:00.000
Address Details:	NULL
Release Status:	Closed

45	1 of 2	WNW	0.17 / 914.47	783.41 / -43	Kingsley Condominiums 221, 223 Felch Street, 214 West Kingsley Street Ann Arbor MI	BROWNFIELDS
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Plan Submitted by:		Non Envi TIR Expen:	
Site Reporting Year:		Local TIR Received:	
Compliant:		Local ISD TIR Rcvd:	
Dt BFLD Plan Apprv:		Local TIR Expend:	
Local Only Plan:		Lcl Only TIR Expen:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Rehabilitated Resi:
New Resi Square Ft:
Rehab Resi Sq Ft:
Retail Square Ft:
Commercial Sq Ft:
Industrial Sq Ft:
Public Infra Sq Ft:
Pub Infra Linea Ft:
New Jobs Created:
Envir TIR Expend:
Cap Taxable Val on Elig:
Total Amt TIR Coll Prior 2013:
Brownfield Plan Name:
Property Address:
City:
County:
Project Name (Mapper): Kingsley Condominiums
Address (Mapper): 221, 223 Felch Street, 214 West Kingsley Street
City (Mapper): Ann Arbor
County (Mapper): Washtenaw
Unique ID: 2201705845.0
Latitude (Mapper): 42.284832
Longitude (Mapper): -83.748668
Data Source: EGLE Environmental Mapper: TIF - Act 381

State TIR Expend:
No TIR Cap Reimbur:
Amt Sch Op TIR Rcv:
Amt of St Edu TIR:
Prin Interest/Ind:
Actual Capi Invest:
Beg Dt Tax Capture:
Intial Taxable Val:
Tax Capture Status:

Environmental Mapper Notification List: TIF - Act 381

Funding Source:	381	Grant Award:	0
Total Brownfield:	680169.0	Saf Award:	0
F381 Approved:	680169.0	Loan Award:	0
SFC Amount:	0	Waterfront:	0
Acreage:		BA:	0
Project Summary:	<null>	County:	Washtenaw
Available:	<null>	Latitude:	42.284832
Award Date:	02-May-2017	Longitude:	-83.748668
Project Name:	Kingsley Condominiums		
Site Address:	221, 223 Felch Street, 214 West Kingsley Street		
City:	Ann Arbor		
Parcel Tax:			
Development:			

45	2 of 2	WNW	0.17 / 914.47	783.41 / -43	Kingsley Condominiums 221, 223 Felch Street, 214 West Kingsley Street Ann Arbor MI	BFLD REDEV
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Site ID: 36137
Facility County: Washtenaw
Data Source: 2023 Approvals

Details

Approved Date: 5/2/2017
Tax Incre Amount Approved : 680169
Tax Incre Amount Approved 1: 259436

46	1 of 1	E	0.17 / 916.47	840.98 / 15	ANN ARBOR SCHOOLS 401 N DIVISION ST ANN ARBOR MI 48104	WASTE
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WDS ID: 447615
Site ID: MIG000031256
County: WASHTENAW
Legal Name: ANN ARBOR SCHOOLS
Contact Name:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Contact Phone:
Contact Email:

47	1 of 4	SW	0.18 / 932.27	826.77 / 1	RO AN REALITY CO 208 W HURON ST ANN ARBOR MI 48104	RCRA NON GEN
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EPA Handler ID: MID985661651
Gen Status Universe: No Report
Contact Name: ANDREW GULVEZAN
Contact Address: 208 W HURON ST , , ANN ARBOR , MI, 48104 , US
Contact Phone No and Ext: 313-741-1444
Contact Email:
Contact Country: US
County Name: WASHTENAW
EPA Region: 05
Land Type: Other
Receive Date: 19930507
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jul 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

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: 19930507
Handler Name: RO AN REALITY CO
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

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:	
Name:	NO ACTIVE O/OP AS NOT GENERATING WASTE				Street 2:	
Date Became Current:	19930508				City:	
Date Ended Current:					State:	
Phone:					Country:	
Source Type:	Notification				Zip Code:	
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	
Name:	NO ACTIVE O/OP AS NOT GENERATING WASTE				Street 2:	
Date Became Current:	19930508				City:	
Date Ended Current:					State:	
Phone:					Country:	
Source Type:	Notification				Zip Code:	

[47](#) 2 of 4 SW 0.18 / 932.27 826.77 / 1 Ashley Terrance Development 208 W HURON ST ANN ARBOR MI 48104-1319 UST

Facility ID: 00041872
Facility Status: Inactive
Facility Name: Ashley Terrance Development
Fac Street No: 208
Fac Street Direc: W
Fac Street Name: HURON
Fac Suffix Type: ST
Fac Suffix Direc:
Facility City: ANN ARBOR
Facility Zip: 48104-1319
Facility County: WASHTENAW
Facility State: MI
Fac Name (Map): Ashley Terrance Development
Address (Map): 208 West Huron Street
City (Map): Ann Arbor
Zip code (Map): 48104
County (Map): Washtenaw
Latitude (Map): 42.281613
Longitude (Map): -83.750207
Geometry(Map): MULTIPOINT (-83.75020237599135 42.28160486933249)
Facility Name (RIDE):
Full Address (RIDE):
City (RIDE):
County (RIDE):
Township (RIDE):
Latitude (RIDE):
Longitude (RIDE):
Original Source: Licensing and Regulatory Affairs Underground Tank List (LARA); Underground Storage Tanks Part 211 (Map)

Department of Licensing and Regulatory Affairs - Tank & Piping Info

Old Tank ID No: 2 **Tank Capacity:** 650
New Tank ID No: UTK-121992-15 **Tank Install Date:**
Tank Status: Removed from Ground **Tank Removal Date:** 07/12/2006
Tank Content: Gasoline
Tank Compartments:
Tank Release Detection:
Tank Construction: Asphalt Coated or Bare Steel,Other
Impressed Current:
Piping Release Detection: Other
Piping Material: Unknown
Piping Type:
Status: Licensing and Regulatory Affairs Underground Tank List (LARA)

Old Tank ID No: 1 **Tank Capacity:** 1000
New Tank ID No: UTK-121872-15 **Tank Install Date:**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Tank Status:	Removed from Ground				Tank Removal Date: 07/12/2006	
Tank Content:	Gasoline					
Tank Compartments:						
Tank Release Detection:						
Tank Construction:	Other,Unknown					
Impressed Current:						
Piping Release Detection:	Other					
Piping Material:	Unknown					
Piping Type:						
Status:	Licensing and Regulatory Affairs Underground Tank List (LARA)					

EGLE Environmental Mapper

Owner ID:	15787	Accuracy:	40
Open LUST:	No	Acc Unit:	FEET
Closed LUST:	Yes	Source:	State of MI
Active Site:	No	Shp Type:	POINT
Closed Site:	Yes	Restrict:	YES
District Name:	Jackson 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:	Ashley Terrace Holdings LLC
Owner Address:	30600 Telegraph Rd Suite 4290
Owner City:	Bingham Farms
Owner State:	MI
Owner Zip:	48025
Owner Phone:	2482036458

47	3 of 4	SW	0.18 / 932.27	826.77 / 1	Ashley Terrance Development 208 W HURON ST ANN ARBOR MI	LUST
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Facility ID:	00041872	Latitude (RIDE):	
EPA ID:		Longitude (RIDE):	
LUST Name:		County (Map):	Washtenaw
Contaminant Class :		Lat (Map):	42.281613
Regulat Pgm (RIDE):		Long (Map):	-83.750207
County (RIDE):		County:	Washtenaw
Township (RIDE):		EGLE Distri:	Jackson
Facility Name (RIDE):			
Full Address (RIDE):			
Facility City (RIDE):			
Company Name (Map):	Ashley Terrance Development		
Address (Map):	208 West Huron Street		
City (Map):	Ann Arbor		
ZIP (Map):	48104		
Location Name:	Ashley Terrance Development		
Street Address:	208 W HURON ST		
City Village:	ANN ARBOR		
Zip Code:	48104		
Data Source:	LUST List; Leaking Underground Storage Tanks Part 213 Closed (Map)		

LUST Details (EGLE Enviromental Mapper)

Owner ID:	15787	H Datum:	NAD83
Active Site:	No	Accuracy:	40
Close Site:	Yes	Acc Unit:	FEET
Close LUST:	Closed	Shp Type:	POINT
Open LUST:	0	Desc Cater:	Plant Entrance (Freight)
Restrict:	YES	Updated on:	2013-03-07 14:22:12.457
Source:	State of MI	MGR X:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Col Date:	2006-07-10 00:00:00			MGR Y:		
District:	Jackson District Office					
MOC:	GPS Code Meas. Standard Positioning Service SA Off					
Geometry:	MULTIPOINT (-83.75020237599135 42.28160486933249)					

LUST List

Release ID: REL-0249-06
Release Discovered Date: NULL
Release Closed Date: 2008-01-08 00:00:00.000
Date Reported: 2006-07-24 17:55:00.000
Address Details: NULL
Release Status: Closed

47	4 of 4	SW	0.18 / 932.27	826.77 / 1	RO AN REALITY CO 208 W HURON ST ANN ARBOR MI 48104	WASTE
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WDS ID: 408704
Site ID: MID985661651
County: WASHTENAW
Legal Name: RO AN REALITY CO
Contact Name:
Contact Phone:
Contact Email:

48	1 of 2	SSW	0.18 / 932.41	837.18 / 11	NBD 125 S MAIN ST ANN ARBOR MI 48104	WASTE
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WDS ID: 420754
Site ID: MIG000006575
County: WASHTENAW
Legal Name: NBD BANK
Contact Name:
Contact Phone:
Contact Email:

48	2 of 2	SSW	0.18 / 932.41	837.18 / 11	125 South Main Street, Ann Arbor 125 South Main, Ann Arbor, MI, 48104 MI	SHWS
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EPA ID: Facility ID (Web): 81000935 Site ID (Map): 81000935 Regulatory Program: 201 Lust Name: Project Manager: Wilde, Dan Release Status: Pollutants: Fac Name (Web): 125 South Main Street, Ann Arbor Address (Web): 125 South Main, Ann Arbor, MI, 48104 City (Web): Ann Arbor Township (Web): County (Web): Washtenaw Latitude (Web): 42.28075736 Longitude (Web): -83.74821405 Site Name (Map): 125 South Main Street, Ann Arbor Address (Map): 125 South Main City (Map): Ann Arbor Zip Code (Map): 48104 County (Map): Washtenaw	Source: EGLE District: House District: Darrin Camilleri Senate District: Jim Runestad Hzaccms: Scale No: MGR X: MGR Y:
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Latitude (Map):		42.280757				
Longitude (Map):		-83.748214				
US Congressional District:		Fred Upton				
H Ref Datum:						
H Ref Moc:						
OS Descrip:		Risks Not Determined				
Ref Desc:						
Risk Condition:		Risks Not Determined				
Data Source:		DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)				

49	1 of 1	W	0.18 / 949.04	793.23 / -33	SHEFFIELD PHARMACEUTICALS 330 MILLER AVE ANN ARBOR MI 48103	WASTE
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WDS ID: 422934
Site ID: MIG000060702
County: WASHTENAW
Legal Name: SHEFFIELD PHARMACEUTICALS
Contact Name:
Contact Phone:
Contact Email:

50	1 of 2	WSW	0.18 / 964.34	801.09 / -25	ROSS-BEAKES COLLISION 314 W ANN ST ANN ARBOR MI 48104	RCRA VSQG
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EPA Handler ID: MID981532377
Gen Status Universe: VSG
Contact Name: KEN WISNIEWSKI
Contact Address: 314 W ANN ST , , ANN ARBOR , MI, 48104 , US
Contact Phone No and Ext: 734-662-4141
Contact Email:
Contact Country: US
County Name: WASHTENAW
EPA Region: 05
Land Type: Private
Receive Date: 20080317
Location Latitude: 42.282518
Location Longitude: -83.751134

Violation/Evaluation Summary

Note: NO RECORDS: As of Jul 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

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

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

Sequence No: 1
Receive Date: 19860731
Handler Name: ROSS-BEAKES COLLISION
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: 2
Receive Date: 20030401
Handler Name: ROSS-BEAKES COLLISION
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: 3
Receive Date: 20040715
Handler Name: ROSS-BEAKES COLLISION
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: 4
Receive Date: 20050221
Handler Name: ROSS-BEAKES COLLISION
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

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Sequence No: 5
Receive Date: 20060808
Handler Name: ROSS-BEAKES COLLISION
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: 6
Receive Date: 20070320
Handler Name: ROSS-BEAKES COLLISION
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: 7
Receive Date: 20070813
Handler Name: ROSS-BEAKES COLLISION
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 8
Receive Date: 20080317
Handler Name: ROSS-BEAKES COLLISION
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind: Current Owner	Street No:
Type: Private	Street 1:
Name: KEN WISNIEWSKI	Street 2:
Date Became Current: 20070102	City:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date Ended Current:					State:	
Phone:					Country:	
Source Type:	Notification				Zip Code:	
Owner/Operator Ind:		Current Operator			Street No:	
Type:	Private				Street 1:	
Name:	KEN WISNIEWSKI				Street 2:	
Date Became Current:	20070102				City:	
Date Ended Current:					State:	
Phone:					Country:	
Source Type:	Notification				Zip Code:	

Historical Handler Details

Receive Dt: 20070813
Generator Code Description: Very Small Quantity Generator
Handler Name: ROSS-BEAKES COLLISION

Receive Dt: 20070320
Generator Code Description: Small Quantity Generator
Handler Name: ROSS-BEAKES COLLISION

Receive Dt: 20060808
Generator Code Description: Small Quantity Generator
Handler Name: ROSS-BEAKES COLLISION

Receive Dt: 20050221
Generator Code Description: Small Quantity Generator
Handler Name: ROSS-BEAKES COLLISION

Receive Dt: 20040715
Generator Code Description: Small Quantity Generator
Handler Name: ROSS-BEAKES COLLISION

Receive Dt: 20030401
Generator Code Description: Small Quantity Generator
Handler Name: ROSS-BEAKES COLLISION

Receive Dt: 19860731
Generator Code Description: Small Quantity Generator
Handler Name: ROSS-BEAKES COLLISION

50	2 of 2	WSW	0.18 / 964.34	801.09 / -25	ROSS-BEAKES COLLISION 314 W ANN ST ANN ARBOR MI 48104	WASTE
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WDS ID: 399790
Site ID: MID981532377
County: WASHTENAW
Legal Name: ROSS-BEAKES COLLISION
Contact Name:
Contact Phone:
Contact Email:

51	1 of 4	SE	0.18 / 970.41	848.51 / 22	COMERICA INC 312-314 E HURON ST ANN ARBOR MI 48104	RCRA NON GEN
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EPA Handler ID: MIP200000569
Gen Status Universe: No Report
Contact Name: ROBERT NOT OBTAINED
Contact Address: 312-314 E HURON ST , , ANN ARBOR , MI, 48104 , US
Contact Phone No and Ext: 313-000-0000
Contact Email:
Contact Country: US

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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County Name: WASHTENAW
EPA Region: 05
Land Type: Private
Receive Date: 19800101
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jul 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

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: 19800101
Handler Name: COMERICA INC
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind: Current Owner Type: Private Name: COMERICA INC Date Became Current: 19700101 Date Ended Current: Phone: Source Type: Implementer	Street No: Street 1: Street 2: City: State: Country: Zip Code:
Owner/Operator Ind: Current Operator Type: Private Name: COMERICA INC Date Became Current: 19700101 Date Ended Current: Phone: Source Type: Implementer	Street No: Street 1: Street 2: City: State: Country: Zip Code:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
51	2 of 4	SE	0.18 / 970.41	848.51 / 22	Comerica Bank 312 E HURON ST ANN ARBOR MI 48104-1909	UST

Facility ID: 00035696
Facility Status: Inactive
Facility Name: Comerica Bank
Fac Street No: 312
Fac Street Direc: E
Fac Street Name: HURON
Fac Suffix Type: ST
Fac Suffix Direc:
Facility City: ANN ARBOR
Facility Zip: 48104-1909
Facility County: WASHTENAW
Facility State: MI
Fac Name (Map): Comerica Bank
Address (Map): 312-314 E Huron
City (Map): Ann Arbor
Zip code (Map): 48104
County (Map): Washtenaw
Latitude (Map): 42.28118
Longitude (Map): -83.745459
Geometry(Map): MULTIPOINT (-83.7454543774821 42.281171869166805)
Facility Name (RIDE):
Full Address (RIDE):
City (RIDE):
County (RIDE):
Township (RIDE):
Latitude (RIDE):
Longitude (RIDE):
Original Source: Licensing and Regulatory Affairs Underground Tank List (LARA); Underground Storage Tanks Part 211 (Map)

Department of Licensing and Regulatory Affairs - Tank & Piping Info

Old Tank ID No: 2
New Tank ID No: UTK-054769-15
Tank Status: Removed from Ground
Tank Content: Used Oil
Tank Compartments:
Tank Release Detection:
Tank Construction: Asphalt Coated or Bare Steel
Impressed Current:
Piping Release Detection:
Piping Material: Bare Steel
Piping Type: Suction: No Valve at Tank
Status: Licensing and Regulatory Affairs Underground Tank List (LARA)

Tank Capacity: 1500
Tank Install Date:
Tank Removal Date: 09/24/1991

Old Tank ID No: 1
New Tank ID No: UTK-026526-15
Tank Status: Removed from Ground
Tank Content: Used Oil
Tank Compartments:
Tank Release Detection:
Tank Construction: Asphalt Coated or Bare Steel
Impressed Current:
Piping Release Detection:
Piping Material: Bare Steel
Piping Type: Suction: No Valve at Tank
Status: Licensing and Regulatory Affairs Underground Tank List (LARA)

Tank Capacity: 1500
Tank Install Date:
Tank Removal Date: 09/24/1991

EGLE Environmental Mapper

Owner ID: 24984
Open LUST: No
Closed LUST: Yes
Active Site: No

Accuracy: 100
Acc Unit: FEET
Source: State of MI
Shp Type: POINT

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Closed Site:	Yes				Restrict: YES	
District Name:	Jackson 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: Comerica Bank
Owner Address: 3701 Hamlin Rd MC 2220
Owner City: Auburn Hills
Owner State: MI
Owner Zip: 48326
Owner Phone: 2483714500

[51](#) 3 of 4 **SE** 0.18 / 970.41 848.51 / 22 **Comerica Bank**
312 E HURON ST
ANN ARBOR MI **LUST**

Facility ID: 00035696 **Latitude (RIDE):**
EPA ID: **Longitude (RIDE):**
LUST Name: **County (Map):** Washtenaw
Contaminant Class : **Lat (Map):** 42.28118
Regulat Pgm (RIDE): **Long (Map):** -83.745459
County (RIDE): **County:** Washtenaw
Township (RIDE): **EGLE Distri:** Jackson
Facility Name (RIDE):
Full Address (RIDE):
Facility City (RIDE):
Company Name (Map): Comerica Bank
Address (Map): 312-314 E Huron
City (Map): Ann Arbor
ZIP (Map): 48104
Location Name: Comerica Bank
Street Address: 312 E HURON ST
City Village: ANN ARBOR
Zip Code: 48104
Data Source: LUST List; Leaking Underground Storage Tanks Part 213 Closed (Map)

LUST Details (EGLE Enviromental Mapper)

Owner ID: 24984 **H Datum:** NAD83
Active Site: No **Accuracy:** 100
Close Site: Yes **Acc Unit:** FEET
Close LUST: Closed **Shp Type:** POINT
Open LUST: 0 **Desc Cater:** Plant Entrance (Freight)
Restrict: YES **Updated on:** 2013-03-07 14:22:12.457
Source: State of MI **MGR X:**
Col Date: 2001-11-01 00:00:00 **MGR Y:**
District: Jackson District Office
MOC: Address Matching-House Number
Geometry: MULTIPOINT (-83.7454543774821 42.281171869166805)

LUST List

Release ID: REL-2100-91
Release Discovered Date: NULL
Release Closed Date: 1993-03-24 00:00:00.000
Date Reported: 1900-01-01 00:00:00.000
Address Details: NULL
Release Status: Closed

[51](#) 4 of 4 **SE** 0.18 / 970.41 848.51 / 22 **COMERICA INC**
312-314 E HURON ST
ANN ARBOR MI 48104 **WASTE**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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WDS ID: 436033
Site ID: MIP200000569
County: WASHTENAW
Legal Name: COMERICA INC
Contact Name:
Contact Phone:
Contact Email:

52	1 of 1	ESE	0.19 / 1,009.42	854.45 / 28	FLOW SERVICES S DIVISION & ANN ARBOR ANN ARBOR MI 48108	WASTE
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WDS ID: 440446
Site ID: MIG000046231
County: WASHTENAW
Legal Name: FLOW SERVICES
Contact Name:
Contact Phone:
Contact Email:

53	1 of 1	ENE	0.19 / 1,017.26	831.53 / 6	MCLEAN & ASSOCIATES 505 N DIVISION ST ANN ARBOR MI 48104	WASTE
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WDS ID: 418359
Site ID: MIG000041245
County: WASHTENAW
Legal Name: MCLEAN & ASSOCIATES
Contact Name:
Contact Phone:
Contact Email:

54	1 of 2	WSW	0.19 / 1,019.03	819.43 / -7	204 W Huron St Ann Arbor MI 48104	BEA
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Facility ID (Web): Bea No (Web): 200500669JK Fac Name (Web): Address (Web): 204 W Huron City (Web): Zip (Web): 48104 County (Web): Washtenaw Township (Web): Ann Arbor City District (Web): Jackson Latitude (Web): Longitude (Web): Data Source (Web): BEA Accuracy: Facility 2: Source: Submitted: Source:	Facility ID (Map): Bea No (Map): 200500669JK Fac Name (Map): Address (Map): 204 W Huron St City (Map): Ann Arbor Zip (Map): 48104 County (Map): Washtenaw Township (Map): Ann Arbor City District (Map): Jackson Latitude (Map): 42.28134566 Longitude (Map): -83.74713573 Data Source (Map): BEA Method of Collect: Geocode Object ID: 6273 ID: 927
Source: DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)	

54	2 of 2	WSW	0.19 / 1,019.03	819.43 / -7	204 W Huron St Ann Arbor MI 48104	BEA
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Facility ID (Web): Bea No (Web): 200500670JK Fac Name (Web):	Facility ID (Map): Bea No (Map): 200500670JK Fac Name (Map):
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Address (Web):		204 W Huron		Address (Map):		204 W Huron St
City (Web):				City (Map):		Ann Arbor
Zip (Web):		48104		Zip (Map):		48104
County (Web):		Washtenaw		County (Map):		Washtenaw
Township (Web):		Ann Arbor City		Township (Map):		Ann Arbor City
District (Web):		Jackson		District (Map):		Jackson
Latitude (Web):				Latitude (Map):		42.28134566
Longitude (Web):				Longitude (Map):		-83.74713573
Data Source (Web):		BEA		Data Source (Map):		BEA
Accuracy:				Method of Collect:		Geocode
Facility 2:				Object ID:		6274
Source:				ID:		929
Submitted:						
Source:		DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)				

<u>55</u>	1 of 2	S	0.20 / 1,037.35	841.00 / 15	A2DDA E WASH CT4K 123 E Washington St Ann Arbor MI 48104	ALT FUELS
ID:		223038		CNG Dispenser No:		
Fuel Type Code:		ELEC: Electric		CNG Site Renew Src:		
Station Phone:		888-758-4389		CNG Tot Compr Cap:		
Expected Date:				CNG Storage Cap:		
BD Blends:				CNG Fill Type Code:		
NG PSI:				CNG PSI:		
Federal Agency ID:				CNG Vehicle Class:		
Open Date:		2022-07-09		LNG Site Renew Src:		
Hydrogen is Retail:				LNG Vehicle Class:		
Federal Agency:				LPG Nozzle Types:		
Facility Type:				Hydrogen Pressures:		
Dt Last Confirmed:		2023-08-30		Hydrogen Standards:		
Updated at:		2023-08-30 00:47:13 UTC		Latitude:		42.280678
Access Code:		public		Longitude:		-83.747712
Access Detail Code:						
Groups with Access Code:		Public				
Groups with Access Code Fr:		Public				
Fed Agency Name:						
Hydrogen Status Link:						
E85 Other Ethanol Blends:						
NPS Unit Name:						
Cards Accepted:						
CNG Statn Sells Renewable Na:						
LNG Statn Sells Renewable Na:						
Maximum Vehicle Class:						
RD Blended With Biodiesel:						
RD Blends:						
RD Blends French:						
RD Maximum Biodiesel Level:						
Status:		Open: The station is open.				
Owner Type Desc:						
E85 Blender Pump Desc:						
NG Fill Type Desc:						
NG Vehicle Class Desc:						
Geocode Status Desc:		The location is from a real GPS readout at the station.				
Group with Access Desc:		Publicly available to all customers.				
LPG Primary Desc:						
Intersection Directions:						
Access Days Time:		24 hours daily				
Restricted Access:						

<u>55</u>	2 of 2	S	0.20 / 1,037.35	841.00 / 15	A2DDA E WASH CT4K 2 123 E Washington St Ann Arbor MI 48104	ALT FUELS
ID:		223039		CNG Dispenser No:		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Fuel Type Code:	ELEC: Electric				CNG Site Renew Src:	
Station Phone:	888-758-4389				CNG Tot Compr Cap:	
Expected Date:					CNG Storage Cap:	
BD Blends:					CNG Fill Type Code:	
NG PSI:					CNG PSI:	
Federal Agency ID:					CNG Vehicle Class:	
Open Date:	2022-07-09				LNG Site Renew Src:	
Hydrogen is Retail:					LNG Vehicle Class:	
Federal Agency:					LPG Nozzle Types:	
Facility Type:					Hydrogen Pressures:	
Dt Last Confirmed:	2023-08-30				Hydrogen Standards:	
Updated at:	2023-08-30 00:47:13 UTC				Latitude:	42.280696
Access Code:	public				Longitude:	-83.747688
Access Detail Code:						
Groups with Access Code:	Public					
Groups with Access Code Fr:	Public					
Fed Agency Name:						
Hydrogen Status Link:						
E85 Other Ethanol Blends:						
NPS Unit Name:						
Cards Accepted:						
CNG Statn Sells Renewable Na:						
LNG Statn Sells Renewable Na:						
Maximum Vehicle Class:						
RD Blended With Biodiesel:						
RD Blends:						
RD Blends French:						
RD Maximum Biodiesel Level:						
Status:		Open: The station is open.				
Owner Type Desc:						
E85 Blender Pump Desc:						
NG Fill Type Desc:						
NG Vehicle Class Desc:						
Geocode Status Desc:		The location is from a real GPS readout at the station.				
Group with Access Desc:		Publicly available to all customers.				
LPG Primary Desc:						
Intersection Directions:						
Access Days Time:		24 hours daily				
Restricted Access:						

[56](#) 1 of 1 SSW 0.20 / 1,037.53 839.23 / 13 101 East Washington and 125 South Main Street, Ann Arbor MI, 48104 MI SHWS

EPA ID:		Source:	
Facility ID (Web):	81000936	EGLE District:	
Site ID (Map):	81000936	House District:	Yousef Rabhi
Regulatory Program:	201	Senate District:	Jeff Irwin
Lust Name:		Hzaccms:	
Project Manager:	Wilde, Dan	Scale No:	
Release Status:		MGR X:	
Pollutants:		MGR Y:	
Fac Name (Web):	101 East Washington and 125 South Main Street, Ann Arbor		
Address (Web):	101 East Washington, Ann Arbor, MI, 48104		
City (Web):	Ann Arbor		
Township (Web):			
County (Web):	Washtenaw		
Latitude (Web):	42.28045693		
Longitude (Web):	-83.74347627		
Site Name (Map):	101 East Washington and 125 South Main S		
Address (Map):	101 East Washington		
City (Map):	Ann Arbor		
Zip Code (Map):	48104		
County (Map):	Washtenaw		
Latitude (Map):	42.280457		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Longitude (Map):		-83.7434762				
US Congressional District:		Debbie Dingell				
H Ref Datum:						
H Ref Moc:						
OS Descrip:		Risks Not Determined				
Ref Desc:						
Risk Condition:		Risks Not Determined				
Data Source:		DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)				

[57](#) 1 of 1 **WSW** **0.20 / 1,042.98** **818.69 / -7** **Ro-an Realty Co** **218 W HURON ST** **ANN ARBOR MI 48104-1319** **UST**

Facility ID: 00036339
Facility Status: Inactive
Facility Name: Ro-an Realty Co
Fac Street No: 218
Fac Street Direc: W
Fac Street Name: HURON
Fac Suffix Type: ST
Fac Suffix Direc:
Facility City: ANN ARBOR
Facility Zip: 48104-1319
Facility County: WASHTENAW
Facility State: MI
Fac Name (Map): Ro-an Realty Co
Address (Map): 218-220 W HURON ST
City (Map): Ann Arbor
Zip code (Map): 48104
County (Map): Washtenaw
Latitude (Map): 42.281566
Longitude (Map): -83.750276
Geometry(Map): MULTIPOINT (-83.75027137597459 42.28155786934429)
Facility Name (RIDE): Ro-an Realty Co
Full Address (RIDE): 218 W HURON ST, ANN ARBOR, MI, 48104
City (RIDE): ANN ARBOR
County (RIDE): Washtenaw
Township (RIDE): Ann Arbor
Latitude (RIDE): 42.281566
Longitude (RIDE): -83.750276
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: NRT5
New Tank ID No: UTK-008663-15
Tank Status: Removed from Ground
Tank Content:
Tank Compartments:
Tank Release Detection:
Tank Construction:
Impressed Current:
Piping Release Detection:
Piping Material:
Piping Type:
Status: Licensing and Regulatory Affairs Underground Tank List (LARA)

Tank Capacity:
Tank Install Date:
Tank Removal Date: 05/01/1993

Old Tank ID No: 2
New Tank ID No: UTK-007141-15
Tank Status: Removed from Ground
Tank Content: Gasoline
Tank Compartments:
Tank Release Detection:
Tank Construction: Unknown
Impressed Current:

Tank Capacity:
Tank Install Date:
Tank Removal Date: 05/01/1993

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Piping Release Detection:

Piping Material: Unknown
Piping Type:
Status: Licensing and Regulatory Affairs Underground Tank List (LARA)

Old Tank ID No: NRT6
New Tank ID No: UTK-019659-15
Tank Status: Removed from Ground
Tank Capacity:
Tank Install Date:
Tank Removal Date: 05/01/1993

Tank Content:
Tank Compartments:
Tank Release Detection:
Tank Construction:
Impressed Current:

Piping Release Detection:
Piping Material:
Piping Type:
Status: Licensing and Regulatory Affairs Underground Tank List (LARA)

Old Tank ID No: NRT3
New Tank ID No: UTK-014680-15
Tank Status: Removed from Ground
Tank Capacity:
Tank Install Date:
Tank Removal Date: 05/01/1993

Tank Content:
Tank Compartments:
Tank Release Detection:
Tank Construction:
Impressed Current:

Piping Release Detection:
Piping Material:
Piping Type:
Status: Licensing and Regulatory Affairs Underground Tank List (LARA)

Old Tank ID No: NRT4
New Tank ID No: UTK-099673-15
Tank Status: Removed from Ground
Tank Capacity:
Tank Install Date:
Tank Removal Date: 05/01/1993

Tank Content:
Tank Compartments:
Tank Release Detection:
Tank Construction:
Impressed Current:

Piping Release Detection:
Piping Material:
Piping Type:
Status: Licensing and Regulatory Affairs Underground Tank List (LARA)

Old Tank ID No: 1
New Tank ID No: UTK-000948-15
Tank Status: Removed from Ground
Tank Capacity:
Tank Install Date:
Tank Removal Date: 05/01/1993

Tank Content: Gasoline
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:	23091	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:	Jackson District Office	Desc Cater:	Plant Entrance (Freight)
H Datum:	NAD83		
Collection Method:	Address Matching-House Number		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Department of Licensing and Regulatory Affairs - Tank Owner Info

Owner Name: Ro-An Realty Co
Owner Address: 320 N MAIN SUITE 102 % BROOK MCCRAY SMITH PC
Owner City: ANN ARBOR
Owner State: MI
Owner Zip: 48104
Owner Phone: 7349941337

Tank Details

Release Status:	No Known Risks	EGLE District:	Jackson
Risk Condition:	211	Senate District:	
Regulatory Program:	Adelman, Mitch	House District:	
Project Manager:		US Congress Dist:	

58	1 of 2	SE	0.20 / 1,046.50	851.73 / 26	AMERITECH CORP 324 E HURON ST ANN ARBOR MI 48104	RCRA NON GEN
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EPA Handler ID: MIT270011018
Gen Status Universe: No Report
Contact Name: KELLY VANKOVERING
Contact Address: 324 E HURON ST , , ANN ARBOR , MI, 48104 , US
Contact Phone No and Ext: 847-248-6812
Contact Email:
Contact Country: US
County Name: WASHTENAW
EPA Region: 05
Land Type: Private
Receive Date: 19800915
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jul 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

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: 19800915
Handler Name: AMERITECH CORP

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind:	Current Operator	Street No:
Type:	Private	Street 1:
Name:	AMERITECH CORP	Street 2:
Date Became Current:	19980623	City:
Date Ended Current:		State:
Phone:		Country:
Source Type:	Notification	Zip Code:

Owner/Operator Ind:	Current Owner	Street No:
Type:	Private	Street 1:
Name:	AMERITECH CORP	Street 2:
Date Became Current:	19980623	City:
Date Ended Current:		State:
Phone:		Country:
Source Type:	Notification	Zip Code:

58	2 of 2	SE	0.20 / 1,046.50	851.73 / 26	AMERITECH CORP 324 E HURON ST ANN ARBOR MI 48104	WASTE
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WDS ID: 414461
Site ID: MIT270011018
County: WASHTENAW
Legal Name: AMERITECH CORP
Contact Name:
Contact Phone:
Contact Email:

59	1 of 8	NW	0.20 / 1,047.02	782.01 / -44	Dale Krull Const 221 FELCH ST ANN ARBOR MI 48103-3369	UST
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Facility ID: 00036137
Facility Status: Inactive
Facility Name: Dale Krull Const
Fac Street No: 221
Fac Street Direc:
Fac Street Name: FELCH
Fac Suffix Type: ST
Fac Suffix Direc:
Facility City: ANN ARBOR
Facility Zip: 48103-3369
Facility County: WASHTENAW
Facility State: MI
Fac Name (Map): Dale Krull Const
Address (Map): 221 FELCH ST
City (Map): ANN ARBOR
Zip code (Map): 48106
County (Map): Washtenaw
Latitude (Map): 42.286237
Longitude (Map): -83.750449
Geometry(Map): MULTIPOINT (-83.75044437548995 42.286228868530195)
Facility Name (RIDE):

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Full Address (RIDE):
City (RIDE):
County (RIDE):
Township (RIDE):
Latitude (RIDE):
Longitude (RIDE):
Original Source: Licensing and Regulatory Affairs Underground Tank List (LARA); Underground Storage Tanks Part 211 (Map)

Department of Licensing and Regulatory Affairs - Tank & Piping Info

Old Tank ID No:	1	Tank Capacity:	5000
New Tank ID No:	UTK-072942-15	Tank Install Date:	01/01/1975
Tank Status:	Removed from Ground	Tank Removal Date:	06/20/1996
Tank Content:	Gasoline		
Tank Compartments:			
Tank Release Detection:			
Tank Construction:	Asphalt Coated or Bare Steel		
Impressed Current:			
Piping Release Detection:			
Piping Material:	Unknown		
Piping Type:	Suction: No Valve at Tank		
Status:	Licensing and Regulatory Affairs Underground Tank List (LARA)		

EGLE Environmental Mapper

Owner ID:	1024	Accuracy:	100
Open LUST:	No	Acc Unit:	FEET
Closed LUST:	Yes	Source:	State of MI
Active Site:	No	Shp Type:	POINT
Closed Site:	Yes	Restrict:	YES
District Name:	Jackson 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: B & H Investments
Owner Address: 725 W Ellsworth Rd
Owner City: Ann Arbor
Owner State: MI
Owner Zip: 48108-3320
Owner Phone: 7347696781

59	2 of 8	NW	0.20 / 1,047.02	782.01 / -44	Dale Krull Const 221 FELCH ST ANN ARBOR MI	LUST
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Facility ID:	00036137	Latitude (RIDE):	
EPA ID:		Longitude (RIDE):	
LUST Name:		County (Map):	Washtenaw
Contaminant Class :		Lat (Map):	42.286237
Regulat Pgm (RIDE):		Long (Map):	-83.750449
County (RIDE):		County:	Washtenaw
Township (RIDE):		EGLE Distri:	Jackson
Facility Name (RIDE):			
Full Address (RIDE):			
Facility City (RIDE):			
Company Name (Map):	Dale Krull Const		
Address (Map):	221 FELCH ST		
City (Map):	ANN ARBOR		
ZIP (Map):	48106		
Location Name:	Dale Krull Const		
Street Address:	221 FELCH ST		
City Village:	ANN ARBOR		
Zip Code:	48103		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Data Source: LUST List; Leaking Underground Storage Tanks Part 213 Closed (Map)

LUST Details (EGLE Enviromental Mapper)

Owner ID:	1024	H Datum:	NAD83
Active Site:	No	Accuracy:	100
Close Site:	Yes	Acc Unit:	FEET
Close LUST:	Closed	Shp Type:	POINT
Open LUST:	0	Desc Cater:	Plant Entrance (Freight)
Restrict:	YES	Updated on:	2013-03-07 14:22:12.457
Source:	State of MI	MGR X:	
Col Date:	2001-11-01 00:00:00	MGR Y:	
District:	Jackson District Office		
MOC:	Address Matching-House Number		
Geometry:	MULTIPOINT (-83.75044437548995 42.286228868530195)		

LUST List

Release ID:	REL-0852-92
Release Discovered Date:	NULL
Release Closed Date:	1993-07-07 00:00:00.000
Date Reported:	1992-05-27 00:00:00.000
Address Details:	NULL
Release Status:	Closed

59	3 of 8	NW	0.20 / 1,047.02	782.01 / -44	J C BEAL GROUP 221 FELCH ST ANN ARBOR MI 48103	RCRA VSQG
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EPA Handler ID:	MIK858948376
Gen Status Universe:	VSG
Contact Name:	STEWART BEAL
Contact Address:	
Contact Phone No and Ext:	734-662-6133 THEN 1
Contact Email:	SBEAL@GOBEAL.COM
Contact Country:	
County Name:	WASHTENAW
EPA Region:	05
Land Type:	Private
Receive Date:	20140807
Location Latitude:	42.285528
Location Longitude:	-83.75049

Violation/Evaluation Summary

Note: NO RECORDS: As of Jul 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

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

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Used Oil Market Burner: No
 Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 20140807
 Handler Name: J C BEAL GROUP
 Federal Waste Generator Code: 3
 Generator Code Description: Very Small Quantity Generator
 Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
 Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind:	Current Operator	Street No:
Type:	Private	Street 1:
Name:	J C BEAL GROUP - BEAL CONSTRUCTION SERVI	Street 2:
Date Became Current:	20120101	City:
Date Ended Current:		State:
Phone:		Country:
Source Type:	Notification	Zip Code:

Owner/Operator Ind:	Current Owner	Street No:
Type:	Private	Street 1:
Name:	J C BEAL GROUP - BEAL CONSTRUCTION SERVI	Street 2:
Date Became Current:	20120101	City:
Date Ended Current:		State:
Phone:		Country:
Source Type:	Notification	Zip Code:

59	4 of 8	NW	0.20 / 1,047.02	782.01 / -44	B & H INVESTMENTS 221 FELCH ST ANN ARBOR MI 48103	WASTE
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WDS ID: 444628
 Site ID: MIG000037415
 County: WASHTENAW
 Legal Name: B & H INVESTMENTS
 Contact Name:
 Contact Phone:
 Contact Email:

59	5 of 8	NW	0.20 / 1,047.02	782.01 / -44	BEAL CONSTRUCTION SERVICES INC 221 FELCH ST ANN ARBOR MI 48103	WASTE
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WDS ID: 452925
 Site ID: MIK858948376
 County: WASHTENAW
 Legal Name: J C BEAL GROUP
 Contact Name:
 Contact Phone:
 Contact Email:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
59	6 of 8	NW	0.20 / 1,047.02	782.01 / -44	221 Felch Street MI 48103	BEA
Facility ID (Web):		Bea No (Web): 201701568JK		Facility ID (Map):		
Fac Name (Web):		Address (Web): 221 Felch Street		Bea No (Map):		
City (Web):		Zip (Web): 48103		Fac Name (Map):		
County (Web): Washtenaw		Township (Web): Ann Arbor City		Address (Map):		
District (Web): Jackson		Latitude (Web):		City (Map):		
Longitude (Web):		Data Source (Web): BEA		Zip (Map):		
Accuracy:		Submitted:		County (Map):		
Facility 2:		Source:		Township (Map):		
Source: DEQ Inventory of Facilities (Web)		Submitted:		District (Map):		
		Source:		Latitude (Map):		
				Longitude (Map):		
				Data Source (Map):		
				Method of Collect:		
				Object ID:		
				ID:		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
59	7 of 8	NW	0.20 / 1,047.02	782.01 / -44	221 Felch (Kingsley Condos) 221 Felch Street Ann Arbor MI	BROWNFIELDS
Plan Submitted by: County of Washtenaw BRA		Site Reportng Year: 2018		Non Envi TIR Expen: \$181,271		
Compliant: Yes		Dt BFLD Plan Apprv: 9/21/2016		Local TIR Received: \$121,278		
Local Only Plan: No		Rehabilitated Resi: 51		Local ISD TIR Rcvd:		
Rehab Resi Sq Ft: 125,900		New Resi Square Ft: 125,900		Local TIR Expend: \$101,136		
Retail Square Ft: 0		Rehab Resi Sq Ft:		Lcl Only TIR Expen: \$0		
Commercial Sq Ft: 0		Retail Square Ft: 0		State TIR Expend: \$70,118		
Industrial Sq Ft: 0		Commercial Sq Ft: 0		No TIR Cap Reimbur:		
Public Infra Sq Ft: 2,000		Industrial Sq Ft: 0		Amt Sch Op TIR Rcv: \$60,101		
Pub Infra Linea Ft: 200		Public Infra Sq Ft: 2,000		Amt of St Edu TIR: \$20,034		
New Jobs Created: 0		Pub Infra Linea Ft: 200		Prin Interest/Ind: \$0		
Envir TIR Expend: \$0		New Jobs Created: 0		Actual Capi Invest: \$0		
Cap Taxable Val on Elig: \$3,338,938		Envir TIR Expend: \$0		Beg Dt Tax Capture: 1/1/2018		
Total Amt TIR Coll Prior 2013: \$0		Cap Taxable Val on Elig: \$3,338,938		Intial Taxable Val: \$500,162		
Brownfield Plan Name: 221 Felch (Kingsley Condos)		Total Amt TIR Coll Prior 2013: \$0		Tax Capture Status: Capture started		
Property Address: 221 Felch Street		Brownfield Plan Name: 221 Felch (Kingsley Condos)				
City: Ann Arbor		Property Address: 221 Felch Street				
County: Washtenaw		City: Ann Arbor				
Project Name (Mapper):		County: Washtenaw				
Address (Mapper):		Project Name (Mapper):				
City (Mapper):		Address (Mapper):				
County (Mapper):		City (Mapper):				
Unique ID:		County (Mapper):				
Latitude (Mapper):		Unique ID:				
Longitude (Mapper):		Latitude (Mapper):				
Data Source: Brownfield TIF 2018 Annual Report		Longitude (Mapper):				
		Data Source:				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
59	8 of 8	NW	0.20 / 1,047.02	782.01 / -44	221 Felch (Kingsley Condos) 221 Felch Street Ann Arbor MI	BROWNFIELDS
Plan Submitted by: County of Washtenaw BRA		Site Reportng Year: 2019		Non Envi TIR Expen: \$522,341		
Compliant: Yes		Dt BFLD Plan Apprv: 9/21/2016		Local TIR Received: \$284,289		
Local Only Plan: No		Rehabilitated Resi: 51		Local ISD TIR Rcvd: \$49,338		
Rehab Resi Sq Ft: 125,900		New Resi Square Ft: 125,900		Local TIR Expend: \$305,608		
Retail Square Ft: 0		Rehab Resi Sq Ft:		Lcl Only TIR Expen: \$0		
Commercial Sq Ft: 0		Retail Square Ft: 0				
Industrial Sq Ft: 0		Commercial Sq Ft: 0				
Public Infra Sq Ft: 2,000		Industrial Sq Ft: 0				
Pub Infra Linea Ft: 200		Public Infra Sq Ft: 2,000				
New Jobs Created: 0		Pub Infra Linea Ft: 200				
Envir TIR Expend: \$0		New Jobs Created: 0				
Cap Taxable Val on Elig: \$3,338,938		Envir TIR Expend: \$0				
Total Amt TIR Coll Prior 2013: \$0		Cap Taxable Val on Elig: \$3,338,938				
Brownfield Plan Name: 221 Felch (Kingsley Condos)		Total Amt TIR Coll Prior 2013: \$0				
Property Address: 221 Felch Street		Brownfield Plan Name: 221 Felch (Kingsley Condos)				
City: Ann Arbor		Property Address: 221 Felch Street				
County: Washtenaw		City: Ann Arbor				
Project Name (Mapper):		County: Washtenaw				
Address (Mapper):		Project Name (Mapper):				
City (Mapper):		Address (Mapper):				
County (Mapper):		City (Mapper):				
Unique ID:		County (Mapper):				
Latitude (Mapper):		Unique ID:				
Longitude (Mapper):		Latitude (Mapper):				
Data Source: Brownfield TIF 2018 Annual Report		Longitude (Mapper):				
		Data Source:				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Rehabilitated Resi:	51				State TIR Expend:	\$194,444
New Resi Square Ft:	126000				No TIR Cap Reimbur:	
Rehab Resi Sq Ft:					Amt Sch Op TIR Rcv:	\$166,666
Retail Square Ft:	0				Amt of St Edu TIR:	\$55,555
Commercial Sq Ft:	0				Prin Interest/Ind:	\$0
Industrial Sq Ft:	0				Actual Capi Invest:	\$31,387,400
Public Infra Sq Ft:	0				Beg Dt Tax Capture:	1/1/2018
Pub Infra Linea Ft:	0				Intial Taxable Val:	\$500,162
New Jobs Created:	0				Tax Capture Status:	Capture started
Envir TIR Expend:	\$0					
Cap Taxable Val on Elig:	\$9,259,236					
Total Amt TIR Coll Prior 2013:	\$0					
Brownfield Plan Name:	221 Felch (Kingsley Condos)					
Property Address:	221 Felch Street					
City:	Ann Arbor					
County:	Washtenaw					
Project Name (Mapper):						
Address (Mapper):						
City (Mapper):						
County (Mapper):						
Unique ID:						
Latitude (Mapper):						
Longitude (Mapper):						
Data Source:	Brownfield TIF 2019 Annual Report (Revised Dec 22, 2020)					

[60](#) 1 of 1 NE 0.20 / 1,049.84 818.61 / -7 521, 525 & 529 Detroit Street 521, 525 & 529 Detroit Street, Ann Arbor, MI, 48104 MI SHWS

EPA ID: Source:
Facility ID (Web): 81000910 EGLE District:
Site ID (Map): 81000910 House District: Felicia Brabec
Regulatory Program: 201 Senate District: Jeff Irwin
Lust Name: Hrzaccms:
Project Manager: Wilde, Dan Scale No:
Release Status: MGR X:
Pollutants: MGR Y:

Fac Name (Web): 521, 525 & 529 Detroit Street
Address (Web): 521, 525 & 529 Detroit Street, Ann Arbor, MI, 48104
City (Web): Ann Arbor
Township (Web):
County (Web): Washtenaw
Latitude (Web): 42.28566862
Longitude (Web): -83.74444903
Site Name (Map): 521, 525 & 529 Detroit Street
Address (Map): 521, 525 & 529 Detroit Street
City (Map): Ann Arbor
Zip Code (Map): 48104
County (Map): Washtenaw
Latitude (Map): 42.285669
Longitude (Map): -83.744449
US Congressional District: Debbie Dingell
H Ref Datum:
H Ref Moc:
OS Descrip: Risks Not Determined
Ref Desc:
Risk Condition: Risks Not Determined
Data Source: DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)

[61](#) 1 of 2 SW 0.20 / 1,050.21 834.15 / 8 WEST WASHINGTON STREET ASSOCIATES 112 W WASHINGTON ST ANN ARBOR MI 48104 RCRA NON GEN

EPA Handler ID: MIR000006551

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Gen Status Universe: No Report
Contact Name: JON CARLSON
Contact Address: 112 W WASHINGTON ST , , ANN ARBOR , MI, 48104 , US
Contact Phone No and Ext: 734-741-9371
Contact Email:
Contact Country: US
County Name: WASHTENAW
EPA Region: 05
Land Type: Private
Receive Date: 19950808
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jul 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

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: 19950808
Handler Name: WEST WASHINGTON STREET ASSOCIATES
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind: Current Owner	Street No:
Type: Private	Street 1:
Name: WEST WASHINGTON STREET ASSOCIATES	Street 2:
Date Became Current: 19700101	City:
Date Ended Current:	State:
Phone:	Country:
Source Type: Notification	Zip Code:
Owner/Operator Ind: Current Operator	Street No:
Type: Private	Street 1:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Name: WEST WASHINGTON STREET ASSOCIATES Street 2: Date Became Current: 19700101 City: Date Ended Current: State: Phone: Country: Source Type: Notification Zip Code:						
61	2 of 2	SW	0.20 / 1,050.21	834.15 / 8	WEST WASHINGTON STREET ASSOCIATES 112 W WASHINGTON ST ANN ARBOR MI 48104	WASTE
WDS ID: 409871 Site ID: MIR000006551 County: WASHTENAW Legal Name: WEST WASHINGTON STREET ASSOCIATES Contact Name: Contact Phone: Contact Email:						
62	1 of 3	W	0.20 / 1,055.47	790.37 / -36	391 and 401 Miller Road MI 48104	BEA
Facility ID (Web): Facility ID (Map): Bea No (Web): 201201191JK Bea No (Map): Fac Name (Web): Fac Name (Map): Address (Web): 391 and 401 Miller Road Address (Map): City (Web): City (Map): Zip (Web): 48104 Zip (Map): County (Web): Washtenaw County (Map): Township (Web): Ann Arbor City Township (Map): District (Web): Jackson 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)						
62	2 of 3	W	0.20 / 1,055.47	790.37 / -36	MAYNARD BATTERY & AUTO 401 MILLER AVE ANN ARBOR MI 48103	WASTE
WDS ID: 457066 Site ID: MIG000010498 County: WASHTENAW Legal Name: MAYNARD BATTERY & AUTO Contact Name: Contact Phone: Contact Email:						
62	3 of 3	W	0.20 / 1,055.47	790.37 / -36	391 and 401 Miller Road 391 and 401 Miller Road, MI, 48104 MI	SHWS
EPA ID: Source: Facility ID (Web): 81000776 EGLE District: Site ID (Map): House District: Regulatory Program: 201 Senate District: Lust Name: Hzaccms:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Project Manager: Wilde, Dan
Release Status:
Pollutants:
Fac Name (Web): 391 and 401 Miller Road
Address (Web): 391 and 401 Miller Road, MI, 48104
City (Web):
Township (Web): Ann Arbor City
County (Web): Washtenaw
Latitude (Web): NaN
Longitude (Web): NaN
Site Name (Map):
Address (Map):
City (Map):
Zip Code (Map):
County (Map):
Latitude (Map):
Longitude (Map):
US Congressional District:
H Ref Datum:
H Ref Moc:
OS Descrip:
Ref Desc:
Risk Condition: Risks Not Determined
Data Source: DEQ Inventory of Facilities (Web)

Scale No:
MGR X:
MGR Y:

[63](#)

1 of 2

SE

0.21 /
1,103.79

853.23 /
27

BANK OF ANN ARBOR
 125 S FIFTH ST
 ANN ARBOR MI 48104

RCRA
NON GEN

EPA Handler ID: MIK114491715
Gen Status Universe: No Report
Contact Name: KIMBERLY SAYENGA
Contact Address:
Contact Phone No and Ext: 734-437-9671
Contact Email: KSAYENGA@ERGENVIRONMENTAL.COM
Contact Country:
County Name: WASHTENAW
EPA Region: 05
Land Type: Private
Receive Date: 20141002
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jul 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

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

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

Sequence No: 1
Receive Date: 20141002
Handler Name: BANK OF ANN ARBOR
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind: Current Owner	Street No:
Type: Private	Street 1:
Name: BANK OF ANN ARBOR	Street 2:
Date Became Current: 20141002	City:
Date Ended Current:	State:
Phone:	Country:
Source Type: Notification	Zip Code:

Owner/Operator Ind: Current Operator	Street No:
Type: Private	Street 1:
Name: BANK OF ANN ARBOR	Street 2:
Date Became Current: 20141002	City:
Date Ended Current:	State:
Phone:	Country:
Source Type: Notification	Zip Code:

63	2 of 2	SE	0.21 / 1,103.79	853.23 / 27	BANK OF ANN ARBOR 125 S FIFTH ST ANN ARBOR MI 48104	WASTE
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WDS ID: 494361
Site ID: MIK114491715
County: WASHTENAW
Legal Name: BANK OF ANN ARBOR
Contact Name:
Contact Phone:
Contact Email:

64	1 of 4	WSW	0.21 / 1,109.97	810.07 / -16	THERMO ANALYTICAL ENVR RESEACH GROUP 117 N 1ST ST ANN ARBOR MI 48104	RCRA NON GEN
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EPA Handler ID: MID981961550
Gen Status Universe: No Report
Contact Name: JOSEPH HNATOW
Contact Address: 117 N 1ST ST , , ANN ARBOR , MI, 48104 , US
Contact Phone No and Ext: 313-662-3104
Contact Email:
Contact Country: US
County Name: WASHTENAW
EPA Region: 05
Land Type: Other
Receive Date: 19870824
Location Latitude:
Location Longitude:

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 Jul, 2023.

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 19870714
Scheduled Compliance Date: 19870816
Return to Compliance: Observed
Actual Return to Compl: 19870827
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19870731
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Evaluation Details

Evaluation Start Date: 19870714
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - General
Return to Compliance Date: 19870827
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: 19870824
Handler Name: THERMO ANALYTICAL ENVR RESEACH GROUP
Source Type: Notification

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind:	Current Operator	Street No:
Type:	Private	Street 1:
Name:	NO ACTIVE O/OP AS NOT GENERATING WASTE	Street 2:
Date Became Current:	19700103	City:
Date Ended Current:		State:
Phone:		Country:
Source Type:	Notification	Zip Code:

Owner/Operator Ind:	Current Owner	Street No:
Type:	Private	Street 1:
Name:	NO ACTIVE O/OP AS NOT GENERATING WASTE	Street 2:
Date Became Current:	19700103	City:
Date Ended Current:		State:
Phone:		Country:
Source Type:	Notification	Zip Code:

64	2 of 4	WSW	0.21 / 1,109.97	810.07 / -16	Wcp Investments Partnership 117 N 1ST ST ANN ARBOR MI 48104-1354	UST
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Facility ID: 00035012
Facility Status: Inactive
Facility Name: Wcp Investments Partnership
Fac Street No: 117
Fac Street Direc: N
Fac Street Name: 1ST
Fac Suffix Type: ST
Fac Suffix Direc:
Facility City: ANN ARBOR
Facility Zip: 48104-1354
Facility County: WASHTENAW
Facility State: MI
Fac Name (Map): Wcp Investments Partnership
Address (Map): 117 N FIRST ST
City (Map): ANN ARBOR
Zip code (Map): 49104
County (Map): Washtenaw
Latitude (Map): 42.28171
Longitude (Map): -83.751139
Geometry(Map): MULTIPOINT (-83.75113437569759 42.281701869362934)

Facility Name (RIDE):
Full Address (RIDE):
City (RIDE):
County (RIDE):
Township (RIDE):
Latitude (RIDE):
Longitude (RIDE):
Original Source: Licensing and Regulatory Affairs Underground Tank List (LARA); Underground Storage Tanks Part 211 (Map)

Department of Licensing and Regulatory Affairs - Tank & Piping Info

Old Tank ID No:	1	Tank Capacity:	15000
New Tank ID No:	UTK-083109-15	Tank Install Date:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Tank Status:	Removed from Ground				Tank Removal Date: 07/06/1991	
Tank Content:	Other(UNK)					
Tank Compartments:						
Tank Release Detection:						
Tank Construction:	Asphalt Coated or Bare Steel,Unknown					
Impressed Current:						
Piping Release Detection:						
Piping Material:	Bare Steel,Unknown					
Piping Type:						
Status:	Licensing and Regulatory Affairs Underground Tank List (LARA)					

EGLE Environmental Mapper

Owner ID:	18838	Accuracy:	100
Open LUST:	No	Acc Unit:	FEET
Closed LUST:	Yes	Source:	State of MI
Active Site:	No	Shp Type:	POINT
Closed Site:	Yes	Restrict:	YES
District Name:	Jackson 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:	Wcp Investments Partnership
Owner Address:	425 N Main St
Owner City:	Ann Arbor
Owner State:	MI
Owner Zip:	48104-1157
Owner Phone:	7346633213

[64](#) 3 of 4 **WSW** 0.21 / 1,109.97 810.07 / -16 **Wcp Investments Partnership** **LUST**
117 N 1ST ST
ANN ARBOR MI

Facility ID:	00035012	Latitude (RIDE):	
EPA ID:		Longitude (RIDE):	
LUST Name:		County (Map):	Washtenaw
Contaminant Class :		Lat (Map):	42.28171
Regulat Pgm (RIDE):		Long (Map):	-83.751139
County (RIDE):		County:	Washtenaw
Township (RIDE):		EGLE Distri:	Jackson
Facility Name (RIDE):			
Full Address (RIDE):			
Facility City (RIDE):			
Company Name (Map):	Wcp Investments Partnership		
Address (Map):	117 N FIRST ST		
City (Map):	ANN ARBOR		
ZIP (Map):	49104		
Location Name:	Wcp Investments Partnership		
Street Address:	117 N 1ST ST		
City Village:	ANN ARBOR		
Zip Code:	48104		
Data Source:	LUST List; Leaking Underground Storage Tanks Part 213 Closed (Map)		

LUST Details (EGLE Enviromental Mapper)

Owner ID:	18838	H Datum:	NAD83
Active Site:	No	Accuracy:	100
Close Site:	Yes	Acc Unit:	FEET
Close LUST:	Closed	Shp Type:	POINT
Open LUST:	0	Desc Cater:	Plant Entrance (Freight)
Restrict:	YES	Updated on:	2013-03-07 14:22:12.457
Source:	State of MI	MGR X:	
Col Date:	2001-11-01 00:00:00	MGR Y:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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District: Jackson District Office
MOC: Address Matching-House Number
Geometry: MULTIPOINT (-83.75113437569759 42.281701869362934)

LUST List

Release ID: REL-3069-91
Release Discovered Date: NULL
Release Closed Date: 1993-08-06 00:00:00.000
Date Reported: 1991-03-19 20:03:00.000
Address Details: NULL
Release Status: Closed

64	4 of 4	WSW	0.21 / 1,109.97	810.07 / -16	THERMO ANALYTICAL ENVR RESEACH GROUP 117 N 1ST ST ANN ARBOR MI 48104	WASTE
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WDS ID: 400646
Site ID: MID981961550
County: WASHTENAW
Legal Name: THERMO ANALYTICAL ENVR RESEACH GROUP
Contact Name:
Contact Phone:
Contact Email:

65	1 of 2	SSW	0.21 / 1,112.23	839.42 / 13	GREAT COPY CO 110 E WASHINGTON ST ANN ARBOR MI 48104	RCRA NON GEN
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EPA Handler ID: MID091606947
Gen Status Universe: No Report
Contact Name: BILL TERNES
Contact Address: 110 E WASHINGTON ST , , ANN ARBOR , MI, 48104 , US
Contact Phone No and Ext: 313-994-0222
Contact Email:
Contact Country: US
County Name: WASHTENAW
EPA Region: 05
Land Type: Other
Receive Date: 20011231
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jul 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

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

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Used Oil Burner:		No				
Used Oil Market Burner:		No				
Used Oil Spec Marketer:		No				

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19880902
Handler Name: GREAT COPY CO
Source Type: Notification
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20011231
Handler Name: GREAT COPY CO
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind: Current Owner	Street No:
Type: Private	Street 1:
Name: NO ACTIVE O/OP AS NOT GENERATING WASTE	Street 2:
Date Became Current: 20020101	City:
Date Ended Current:	State:
Phone:	Country:
Source Type: Notification	Zip Code:

Owner/Operator Ind: Current Operator	Street No:
Type: Private	Street 1:
Name: NO ACTIVE O/OP AS NOT GENERATING WASTE	Street 2:
Date Became Current: 20020101	City:
Date Ended Current:	State:
Phone:	Country:
Source Type: Implementer	Zip Code:

Owner/Operator Ind: Current Owner	Street No:
Type: Private	Street 1:
Name: NO ACTIVE O/OP AS NOT GENERATING WASTE	Street 2:
Date Became Current: 20020101	City:
Date Ended Current:	State:
Phone:	Country:
Source Type: Implementer	Zip Code:

Owner/Operator Ind: Current Operator	Street No:
Type: Private	Street 1:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Name:	NO ACTIVE O/OP AS NOT GENERATING WASTE			Street 2:		
Date Became Current:	20020101			City:		
Date Ended Current:				State:		
Phone:				Country:		
Source Type:	Notification			Zip Code:		

Historical Handler Details

Receive Dt: 19880902
Generator Code Description: Small Quantity Generator
Handler Name: GREAT COPY CO

65	2 of 2	SSW	0.21 / 1,112.23	839.42 / 13	GREAT COPY CO 110 E WASHINGTON ST ANN ARBOR MI 48104	WASTE
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WDS ID: 397764
Site ID: MID091606947
County: WASHTENAW
Legal Name: GREAT COPY CO
Contact Name:
Contact Phone:
Contact Email:

66	1 of 1	SE	0.22 / 1,139.76	854.53 / 29	AMERITECH 323 E WASHINGTON ST ANN ARBOR MI 48104	WASTE
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WDS ID: 417243
Site ID: MIG000041165
County: WASHTENAW
Legal Name: AMERITECH CORP
Contact Name:
Contact Phone:
Contact Email:

67	1 of 1	W	0.23 / 1,196.51	792.76 / -33	Bill Muncys Service 423 Miller Avenue Ann Arbor City MI 48103	AUL
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DEQ Ref NO:	RC-RRD-213-05-057	Program Support:	Nicholas Swartz
Status:	Recorded	Pg Supprt Assig Dt:	5/13/2009 11:19:22.66
SID Facility ID:	00037093	Program Type:	Part 213
Site ID:		Is Commercial I:	NO
MG Entity Code:	STD	Is Commercial II:	NO
Path Name:	U:\KERMIT\11121305057.pdf	Is Commercial III:	NO
Start Date:	5/13/2009 00:00:00	Is Commercial IV:	NO
Finish Date:	5/13/2009 00:00:00	Is Industrial:	NO
District:		Is Residential:	NO
County Name:	Washtenaw	Is Recreation:	NO
Join Field:		Is Multip Land Use:	NO
Reg Deed Date:	11/10/1999 00:00:00	Is Site Specific:	YES
LandUse Restr Typ:	RC	Is GW Consumption:	YES
LRUR Type:		Is GW Contact:	NO
LRUR Status:		Is Special Well:	NO
Kermit ID (LRUR):	11121305057	Is Special Buildin:	NO
Area Acres (LRUR):	0.2177	Is Excavation:	YES
Sq Mileage (LRUR):	0.0003	Is Soil Movement:	NO
Mapped By:	Nicholas Swartz	Is All Constructn:	NO
Map Program:	ArInfo 9.3 and IcoMap 4.2	Is Monitoring Well:	NO
Deq Ref No (Map):	RC-RRD-213-05-057	Is ExposureBarrier:	NO
Kermit ID (Map):	11121305057	Hlth and Sfty Plan:	YES

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Area Acre (Map):	.21773053				Is Permanent Markr:	NO
Sq Mileage (Map):	.0003402				Shape Star:	881.12421417
Restrict 1:	2				Shape Stle:	124.26535068
Restrictio:	1					
Facility Name:		Bill Muncys Service				
Site Name:						
Property Desc:		423 Miller Ave., Ann Arbor				
Map Desc (LRUR):		Bill Muncy's Service				
Address1 (LRUR):		423 Miller Avenue				
Address2 (LRUR):						
Township (LRUR):		Ann Arbor City				
State (LRUR):		MI				
Zipcode (LRUR):		48103				
Property Legal Desc:		Migrated				
MG Entity Desc:		Storage Tank Division				
Land Use Type:		Restrictive Covenant				
Map Desc:						
Facility Name (Map):		Bill Muncys Service				
Address (Map):		423 Miller Avenue				
City (Map):		Ann Arbor				
Zip Code (Map):		48103				
Map Comments:		Property polygon is NOT mapped in KERMIT as of 10/10/2008. LUR is mapped in KERMIT as of 20090513 - Nick Swartz Request received on 6/15/2005.				
Comments:						
Data Source(s):		EGLE Environmental Mapper Restrictive Covenant Polygon; Land or Resource Use Restrictions (LRUR) List				

[68](#) 1 of 1 **NW** 0.23 / 1,202.20 784.96 / -41 221 Felch Street 221 Felch Street, MI, 48103 MI **SHWS**

EPA ID:

Facility ID (Web): 81000723 Source:

Site ID (Map): 81000723 EGLE District:

Regulatory Program: 201 House District:

Lust Name: Senate District:

Project Manager: Wilde, Dan Hrzaccms:

Release Status: Scale No:

Pollutants: MGR X:

Fac Name (Web): 221 Felch Street MGR Y:

Address (Web): 221 Felch Street, MI, 48103

City (Web):

Township (Web): Ann Arbor City

County (Web): Washtenaw

Latitude (Web): 42.28632

Longitude (Web): -83.750858

Site Name (Map): 221 Felch Street

Address (Map): 221 Felch Street

City (Map):

Zip Code (Map): 48103

County (Map): Washtenaw

Latitude (Map): 42.28632

Longitude (Map): -83.750858

US Congressional District:

H Ref Datum:

H Ref Moc:

OS Descrip: Risks Not Determined

Ref Desc:

Risk Condition: Risks Not Determined

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

[69](#) 1 of 12 **ENE** 0.23 / 1,228.95 814.92 / -11 544 Detroit Street MI 48104 **BEA**

Facility ID (Web): 81000590 Facility ID (Map): 81000590

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB	
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:	201301277JK 544 Detroit Street 48104 Washtenaw Ann Arbor City Jackson 42.28587 -83.74602 BEA				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:	201301277JK 544 Detroit St Ann Arbor 48104 Washtenaw Ann Arbor City Jackson 42.28556861 -83.74437602 BEA Geocode 6371 2183	
DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)							

69	2 of 12	ENE	0.23 / 1,228.95	814.92 / -11	544 Detroit Redevelopment Project 544 Detroit Street, Ann Arbor, MI, 48104 MI	SHWS
EPA ID: Facility ID (Web): Site ID (Map): Regulatory Program: Lust Name: Project Manager: Release Status: Pollutants: Fac Name (Web): Address (Web): City (Web): Township (Web): County (Web): Latitude (Web): Longitude (Web): Site Name (Map): Address (Map): City (Map): Zip Code (Map): County (Map): Latitude (Map): Longitude (Map): US Congressional District: H Ref Datum: H Ref Moc: OS Descrip: Ref Desc: Risk Condition: Data Source:	81000590 81000590 201 Wilde, Dan				Source: EGLE District: House District: Senate District: Hzaccms: Scale No: MGR X: MGR Y:	10
DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)						

69	3 of 12	ENE	0.23 / 1,228.95	814.92 / -11	544 DETROIT STREET LLC 544 DETROIT ST ANN ARBOR MI 48104	RCRA NON GEN
EPA Handler ID: Gen Status Universe: Contact Name: Contact Address: Contact Phone No and Ext: Contact Email: Contact Country: County Name: EPA Region:	MIK141651558 No Report JEREMY FOX 248-417-6078 FOXJ@AKTPEERLESS.COM WASHTENAW 05					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Land Type: Private
Receive Date: 20141209
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jul 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

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: 20140806
Handler Name: 544 DETROIT STREET LLC
Source Type: Notification
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20141209
Handler Name: 544 DETROIT STREET LLC
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind: Current Owner	Street No:
Type: Private	Street 1:
Name: 544 DETROIT STREET LLC	Street 2:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date Became Current:	20130618				City:	
Date Ended Current:					State:	
Phone:					Country:	
Source Type:	Notification				Zip Code:	
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Private				Street 1:	
Name:	544 DETROIT STREET LLC				Street 2:	
Date Became Current:	20130618				City:	
Date Ended Current:					State:	
Phone:					Country:	
Source Type:	Notification				Zip Code:	

Historical Handler Details

Receive Dt:	20140806
Generator Code Description:	Large Quantity Generator
Handler Name:	544 DETROIT STREET LLC

69	4 of 12	ENE	0.23 / 1,228.95	814.92 / -11	544 Detroit Street 544 Detroit Street Ann Arbor MI 48104	BROWNFIELDS
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Plan Submitted by:	County of Washtenaw BRA	Non Envi TIR Expen:	\$0
Site Reportng Year:		Local TIR Received:	\$506
Compliant:	Yes	Local ISD TIR Rcvd:	\$61
Dt BFLD Plan Apprv:		Local TIR Expend:	\$506
Local Only Plan:		Lcl Only TIR Expen:	\$0
Rehabilitated Resi:	1	State TIR Expend:	\$370
New Resi Square Ft:	0	No TIR Cap Reimbur:	
Rehab Resi Sq Ft:	0	Amt Sch Op TIR Rcv:	\$370
Retail Square Ft:	0	Amt of St Edu TIR:	
Commercial Sq Ft:	0	Prin Interest/Ind:	\$0
Industrial Sq Ft:	0	Actual Capi Invest:	\$250,000
Public Infra Sq Ft:	0	Beg Dt Tax Capture:	1/1/2014
Pub Infra Linea Ft:	0	Intial Taxable Val:	\$50,800
New Jobs Created:	4	Tax Capture Status:	
Envir TIR Expend:	\$876		
Cap Taxable Val on Elig:	\$15,400		
Total Amt TIR Coll Prior 2013:	\$0		
Brownfield Plan Name:	544 Detroit Street		
Property Address:	544 Detroit Street		
City:	Ann Arbor		
County:	Washtenaw		
Project Name (Mapper):			
Address (Mapper):			
City (Mapper):			
County (Mapper):			
Unique ID:			
Latitude (Mapper):			
Longitude (Mapper):			
Data Source:			

69	5 of 12	ENE	0.23 / 1,228.95	814.92 / -11	544 Detroit Street 544 Detroit Street Ann Arbor MI	BROWNFIELDS
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Plan Submitted by:	County of Washtenaw BRA	Non Envi TIR Expen:	0
Site Reportng Year:		Local TIR Received:	3375
Compliant:		Local ISD TIR Rcvd:	577
Dt BFLD Plan Apprv:	7/10/2013	Local TIR Expend:	4047
Local Only Plan:	No	Lcl Only TIR Expen:	748
Rehabilitated Resi:	1	State TIR Expend:	2680
New Resi Square Ft:	3,200	No TIR Cap Reimbur:	
Rehab Resi Sq Ft:	0	Amt Sch Op TIR Rcv:	1555
Retail Square Ft:	0	Amt of St Edu TIR:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Commercial Sq Ft:	1,600				Prin Interest/Ind:	0
Industrial Sq Ft:	0				Actual Capi Invest:	1500000
Public Infra Sq Ft:	0				Beg Dt Tax Capture:	1/1/2014
Pub Infra Linea Ft:	0				Intial Taxable Val:	50800
New Jobs Created:	4				Tax Capture Status:	
Envir TIR Expend:	6727					
Cap Taxable Val on Elig:		145158				
Total Amt TIR Coll Prior 2013:		0				
Brownfield Plan Name:		544 Detroit Street				
Property Address:		544 Detroit Street				
City:		Ann Arbor				
County:		Washtenaw				
Project Name (Mapper):						
Address (Mapper):						
City (Mapper):						
County (Mapper):						
Unique ID:						
Latitude (Mapper):						
Longitude (Mapper):						
Data Source:						

[69](#) 6 of 12 **ENE** 0.23 / 1,228.95 814.92 / -11 **544 DETROIT STREET LLC
544 DETROIT ST
ANN ARBOR MI 48104** **WASTE**

WDS ID: 493785
Site ID: MIK141651558
County: WASHTENAW
Legal Name: 544 DETROIT STREET LLC
Contact Name:
Contact Phone:
Contact Email:

[69](#) 7 of 12 **ENE** 0.23 / 1,228.95 814.92 / -11 **544 Detroit Street
544 Detroit Street
Ann Arbor MI** **BROWNFIELDS**

Plan Submitted by: County of Washtenaw BRA **Non Envi TIR Expen:** \$0
Site Reportng Year: 2016 **Local TIR Received:** \$13,925
Compliant: Yes **Local ISD TIR Rcvd:** \$3,225
Dt BFLD Plan Apprv: 7/10/2013 **Local TIR Expend:** \$20,420
Local Only Plan: No **Lcl Only TIR Expen:** \$2,596
Rehabilitated Resi: 1 **State TIR Expend:** \$16,622
New Resi Square Ft: 3200 **No TIR Cap Reimbur:**
Rehab Resi Sq Ft: **Amt Sch Op TIR Rcv:** \$6,536
Retail Square Ft: 0 **Amt of St Edu TIR:** \$3,550
Commercial Sq Ft: 1,600 **Prin Interest/Ind:** \$0
Industrial Sq Ft: 0 **Actual Capi Invest:** \$1,500,000
Public Infra Sq Ft: 1,700 **Beg Dt Tax Capture:**
Pub Infra Linea Ft: 0 **Intial Taxable Val:** \$50,800
New Jobs Created: 4 **Tax Capture Status:** Capture started
Envir TIR Expend: \$37,042
Cap Taxable Val on Elig: \$591,587
Total Amt TIR Coll Prior 2013: \$0
Brownfield Plan Name: 544 Detroit Street
Property Address: 544 Detroit Street
City: Ann Arbor
County: Washtenaw
Project Name (Mapper):
Address (Mapper):
City (Mapper):
County (Mapper):
Unique ID:
Latitude (Mapper):
Longitude (Mapper):
Data Source:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
69	8 of 12	ENE	0.23 / 1,228.95	814.92 / -11	544 Detroit Street 544 Detroit Street Ann Arbor MI	BROWNFIELDS
Plan Submitted by:	County of Washtenaw BRA				Non Envi TIR Expen:	\$0
Site Reporting Year:	2017				Local TIR Received:	\$14,721
Compliant:	Yes				Local ISD TIR Rcvd:	\$3,232
Dt BFLD Plan Apprv:	7/10/2013				Local TIR Expend:	\$21,368
Local Only Plan:	No				Lcl Only TIR Expen:	\$2,596
Rehabilitated Resi:	1				State TIR Expend:	\$7,179
New Resi Square Ft:	3,200				No TIR Cap Reimbur:	
Rehab Resi Sq Ft:					Amt Sch Op TIR Rcv:	\$1,319
Retail Square Ft:	-				Amt of St Edu TIR:	\$3,584
Commercial Sq Ft:	1,600				Prin Interest/Ind:	\$0
Industrial Sq Ft:	-				Actual Capi Invest:	\$1,500,000
Public Infra Sq Ft:	1,700				Beg Dt Tax Capture:	1/1/2014
Pub Infra Linea Ft:	-				Intial Taxable Val:	\$50,800
New Jobs Created:	4				Tax Capture Status:	Capture started
Envir TIR Expend:	\$28,547					
Cap Taxable Val on Elig:	\$597,368					
Total Amt TIR Coll Prior 2013:	\$0					
Brownfield Plan Name:	544 Detroit Street					
Property Address:	544 Detroit Street					
City:	Ann Arbor					
County:	Washtenaw					
Project Name (Mapper):						
Address (Mapper):						
City (Mapper):						
County (Mapper):						
Unique ID:						
Latitude (Mapper):						
Longitude (Mapper):						
Data Source:						

69	9 of 12	ENE	0.23 / 1,228.95	814.92 / -11	544 Detroit Street 544 Detroit Street Ann Arbor MI	BROWNFIELDS
Plan Submitted by:	County of Washtenaw BRA				Non Envi TIR Expen:	\$0
Site Reporting Year:	2018				Local TIR Received:	\$24,406
Compliant:	Yes				Local ISD TIR Rcvd:	
Dt BFLD Plan Apprv:	7/10/2013				Local TIR Expend:	\$17,000
Local Only Plan:	No				Lcl Only TIR Expen:	\$0
Rehabilitated Resi:	1				State TIR Expend:	\$3,676
New Resi Square Ft:	3,200				No TIR Cap Reimbur:	
Rehab Resi Sq Ft:					Amt Sch Op TIR Rcv:	\$1,380
Retail Square Ft:	0				Amt of St Edu TIR:	\$3,666
Commercial Sq Ft:	1,600				Prin Interest/Ind:	\$0
Industrial Sq Ft:	0				Actual Capi Invest:	\$1,500,000
Public Infra Sq Ft:	1,700				Beg Dt Tax Capture:	1/1/2014
Pub Infra Linea Ft:	0				Intial Taxable Val:	\$50,800
New Jobs Created:	4				Tax Capture Status:	Capture started
Envir TIR Expend:	\$22,468					
Cap Taxable Val on Elig:	\$610,978					
Total Amt TIR Coll Prior 2013:	\$0					
Brownfield Plan Name:	544 Detroit Street					
Property Address:	544 Detroit Street					
City:	Ann Arbor					
County:	Washtenaw					
Project Name (Mapper):	544 Detroit Street Redevelopment Project					
Address (Mapper):	544 Detroit Street					
City (Mapper):	Ann Arbor					
County (Mapper):	Washtenaw					
Unique ID:	2201308019					
Latitude (Mapper):	42.28594644					
Longitude (Mapper):	-83.7437942					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Data Source: Brownfield TIF 2018 Annual Report; EGLE Environmental Mapper: TIF - Act 381

Environmental Mapper Notification List: TIF - Act 381

Funding Source:	381	Grant Award:	0
Total Brownfield:	265383	Saf Award:	0
F381 Approved:	265383	Loan Award:	0
SFC Amount:	0	Waterfront:	0
Acreage:	0.1	BA:	0
Project Summary:	<null>	County:	Washtenaw
Available:	<null>	Latitude:	42.28594644
Award Date:	1377561600000	Longitude:	-83.7437942
Project Name:	544 Detroit Street Redevelopment Project		
Site Address:	544 Detroit Street		
City:	Ann Arbor		
Parcel Tax:	09-09-29-118-010		
Development:	commercial		

Environmental Mapper Notification List: TIF - Act 381

Funding Source:	381	Grant Award:	0
Total Brownfield:	265383	Saf Award:	0
F381 Approved:	265383	Loan Award:	0
SFC Amount:	0	Waterfront:	0
Acreage:	0.1	BA:	0
Project Summary:	<null>	County:	Washtenaw
Available:	<null>	Latitude:	42.28594644
Award Date:	1377561600000	Longitude:	-83.7437942
Project Name:	544 Detroit Street Redevelopment Project		
Site Address:	544 Detroit Street		
City:	Ann Arbor		
Parcel Tax:	09-09-29-118-010		
Development:	commercial		

69	10 of 12	ENE	0.23 / 1,228.95	814.92 / -11	544 DETROIT STREET REDEVELOPMENT PROJECT 544 DETROIT STREET ANN ARBOR MI	BFLD REDEV
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Site ID: 81000590
 Facility County: WASHTENAW
 Data Source:

Details

Approved Date: 8/27/2013
 Tax Incre Amount Approved :
 Tax Incre Amount Approved 1:

69	11 of 12	ENE	0.23 / 1,228.95	814.92 / -11	544 Detroit Street 544 Detroit Street Ann Arbor MI	BROWNFIELDS
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Plan Submitted by:	County of Washtenaw BRA	Non Envi TIR Expen:	\$0
Site Reporting Year:	2019	Local TIR Received:	\$21,423
Compliant:	Yes	Local ISD TIR Rcvd:	\$3,340
Dt BFLD Plan Apprv:	7/10/2013	Local TIR Expend:	\$22,167
Local Only Plan:	No	Lcl Only TIR Expen:	\$0
Rehabilitated Resi:	1	State TIR Expend:	\$3,296
New Resi Square Ft:	3200	No TIR Cap Reimbur:	
Rehab Resi Sq Ft:		Amt Sch Op TIR Rcv:	\$1,415
Retail Square Ft:	0	Amt of St Edu TIR:	\$3,761
Commercial Sq Ft:	1600	Prin Interest/Ind:	\$0
Industrial Sq Ft:	0	Actual Capi Invest:	\$1,500,000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Public Infra Sq Ft:	1700				Beg Dt Tax Capture:	1/1/2014
Pub Infra Linea Ft:	0				Intial Taxable Val:	\$50,800
New Jobs Created:	4				Tax Capture Status:	Capture started
Envir TIR Expend:	\$25,463					
Cap Taxable Val on Elig:	\$626,860					
Total Amt TIR Coll Prior 2013:	\$0					
Brownfield Plan Name:	544 Detroit Street					
Property Address:	544 Detroit Street					
City:	Ann Arbor					
County:	Washtenaw					
Project Name (Mapper):						
Address (Mapper):						
City (Mapper):						
County (Mapper):						
Unique ID:						
Latitude (Mapper):						
Longitude (Mapper):						
Data Source:	Brownfield TIF 2019 Annual Report (Revised Dec 22, 2020)					

[69](#) 12 of 12 **ENE** 0.23 / 1,228.95 814.92 / -11 **544 Detroit Street Redevelopment Project** **544 Detroit Street** **Ann Arbor MI** **BROWNFIELDS**

Plan Submitted by:
Site Reporting Year:
Compliant:
Dt BFLD Plan Apprv:
Local Only Plan:
Rehabilitated Resi:
New Resi Square Ft:
Rehab Resi Sq Ft:
Retail Square Ft:
Commercial Sq Ft:
Industrial Sq Ft:
Public Infra Sq Ft:
Pub Infra Linea Ft:
New Jobs Created:
Envir TIR Expend:
Cap Taxable Val on Elig:
Total Amt TIR Coll Prior 2013:
Brownfield Plan Name:
Property Address:
City:
County:
Project Name (Mapper): 544 Detroit Street Redevelopment Project
Address (Mapper): 544 Detroit Street
City (Mapper): Ann Arbor
County (Mapper): Washtenaw
Unique ID: 2201308019.0
Latitude (Mapper): 42.28594644
Longitude (Mapper): -83.7437942
Data Source: EGLE Environmental Mapper: TIF - Act 381

Non Envi TIR Expen:
Local TIR Received:
Local ISD TIR Rcvd:
Local TIR Expend:
Lcl Only TIR Expen:
State TIR Expend:
No TIR Cap Reimbur:
Amt Sch Op TIR Rcv:
Amt of St Edu TIR:
Prin Interest/Ind:
Actual Capi Invest:
Beg Dt Tax Capture:
Intial Taxable Val:
Tax Capture Status:

Environmental Mapper Notification List: TIF - Act 381

Funding Source: 381
Total Brownfield: 265383.0
F381 Approved: 265383.0
SFC Amount: 0
Acreage: 0.1
Project Summary: <null>
Available: <null>
Award Date: 27-Aug-2013
Project Name: 544 Detroit Street Redevelopment Project
Site Address: 544 Detroit Street
City: Ann Arbor

Grant Award: 0
Saf Award: 0
Loan Award: 0
Waterfront: 0
BA: 0
County: Washtenaw
Latitude: 42.28594644
Longitude: -83.7437942

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Parcel Tax: 09-09-29-118-010
 Development: commercial

70	1 of 2	SE	0.23 / 1,229.32	858.81 / 33	BOOTH NEWSPAPERS INC 340 E HURON ST ANN ARBOR MI 48104	RCRA VSQG
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EPA Handler ID: MID093825156
 Gen Status Universe: VSG
 Contact Name: WALT GUTEKUNST
 Contact Address: 340 E HURON ST , , ANN ARBOR , MI, 48104 , US
 Contact Phone No and Ext: 313-994-6989
 Contact Email:
 Contact Country: US
 County Name: WASHTENAW
 EPA Region: 05
 Land Type: Private
 Receive Date: 19831003
 Location Latitude: 42.280803
 Location Longitude: -83.744348

Violation/Evaluation Summary

Note: NO RECORDS: As of Jul 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

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: 19831003
 Handler Name: BOOTH NEWSPAPERS INC
 Federal Waste Generator Code: 3
 Generator Code Description: Very Small Quantity Generator
 Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
 Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind: Current Operator
 Type: Private
 Street No:
 Street 1:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Name:	THE HERALD CO DBA BOOTH NEWSPAPERS INC				Street 2:	
Date Became Current:	19831003				City:	
Date Ended Current:					State:	
Phone:					Country:	
Source Type:	Notification				Zip Code:	
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Private				Street 1:	
Name:	THE HERALD CO DBA BOOTH NEWSPAPERS INC				Street 2:	
Date Became Current:	19831003				City:	
Date Ended Current:					State:	
Phone:					Country:	
Source Type:	Notification				Zip Code:	

[70](#) 2 of 2 SE 0.23 / 1,229.32 858.81 / 33 BOOTH NEWSPAPERS INC ANN ARBOR NEWS 340 E HURON ST ANN ARBOR MI 48104 WASTE

WDS ID: 397870
Site ID: MID093825156
County: WASHTENAW
Legal Name: BOOTH NEWSPAPERS INC
Contact Name:
Contact Phone:
Contact Email:

[71](#) 1 of 2 ESE 0.24 / 1,243.61 863.62 / 38 ANN ARBOR GREEN PROPERTY OWNER 413 E HURON ANN ARBOR MI 48103 RCRA NON GEN

EPA Handler ID: MIK163198677
Gen Status Universe: No Report
Contact Name: DARAYL BELL
Contact Address: US
Contact Phone No and Ext: 734-322-2440
Contact Email: DBELL@ONEALCONSTRUCTION.COM
Contact Country: US
County Name: WASHTENAW
EPA Region: 05
Land Type: Private
Receive Date: 20131206
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jul 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

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

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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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: 20131206
Handler Name: ANN ARBOR GREEN PROPERTY OWNER
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind: Current Owner	Street No:
Type: Private	Street 1:
Name: ANN ARBOR GREEN PROPERTY OWNER	Street 2:
Date Became Current: 20131001	City:
Date Ended Current:	State:
Phone:	Country:
Source Type: Notification	Zip Code:

Owner/Operator Ind: Current Operator	Street No:
Type: Private	Street 1:
Name: ANN ARBOR GREEN PROPERTY OWNER	Street 2:
Date Became Current: 20131001	City:
Date Ended Current:	State:
Phone:	Country:
Source Type: Notification	Zip Code:

71	2 of 2	ESE	0.24 / 1,243.61	863.62 / 38	ANN ARBOR GREEN PROPERTY OWNER 413 E HURON ANN ARBOR MI 48103	WASTE
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WDS ID: 493228
Site ID: MIK163198677
County: WASHTENAW
Legal Name: ANN ARBOR GREEN PROPERTY OWNER
Contact Name:
Contact Phone:
Contact Email:

72	1 of 8	NW	0.24 / 1,250.36	781.38 / -45	C B DEVELOPMENT 220 FELCH ST ANN ARBOR MI 48103	RCRA VSQG
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EPA Handler ID: MI0000028795
Gen Status Universe: VSG
Contact Name: JACOB HAAS
Contact Address: 220 FELCH ST , , ANN ARBOR , MI, 48103 , US
Contact Phone No and Ext: 313-769-6781
Contact Email:
Contact Country: US

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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County Name: WASHTENAW
EPA Region: 05
Land Type: Private
Receive Date: 19931014
Location Latitude: 42.28641
Location Longitude: -83.750027

Violation/Evaluation Summary

Note: NO RECORDS: As of Jul 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

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: 19931014
Handler Name: C B DEVELOPMENT
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind: Current Owner	Street No:
Type: Private	Street 1:
Name: C B DEVELOPMENT	Street 2:
Date Became Current: 19700101	City:
Date Ended Current:	State:
Phone:	Country:
Source Type: Notification	Zip Code:
Owner/Operator Ind: Current Operator	Street No:
Type: Private	Street 1:
Name: C B DEVELOPMENT	Street 2:
Date Became Current: 19700101	City:
Date Ended Current:	State:
Phone:	Country:
Source Type: Notification	Zip Code:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
72	2 of 8	NW	0.24 / 1,250.36	781.38 / -45	Ann Arbor Art Ctr (Former Standard Oil) 220 Felch MI	BEA
Facility ID (Web):		81000438		Facility ID (Map):		
Bea No (Web):		200900949JK		Bea No (Map):		200900949JK
Fac Name (Web):		Ann Arbor Art Ctr (Former Standard Oil)		Fac Name (Map):		
Address (Web):		220 Felch		Address (Map):		220 Felch
City (Web):				City (Map):		0
Zip (Web):				Zip (Map):		48103
County (Web):		Washtenaw		County (Map):		Washtenaw
Township (Web):		Ann Arbor City		Township (Map):		Ann Arbor City
District (Web):		Jackson		District (Map):		Jackson
Latitude (Web):		42.28656		Latitude (Map):		42.286511
Longitude (Web):		-83.75244		Longitude (Map):		-83.750644
Data Source (Web):		BEA		Data Source (Map):		
Accuracy:		0		Method of Collect:		
Facility 2:		0		Object ID:		1944
Source:		0		ID:		10070
Submitted:		0				
Source:		DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)				

72	3 of 8	NW	0.24 / 1,250.36	781.38 / -45	220 Felch Street MI	BEA
Facility ID (Web):		81000438		Facility ID (Map):		
Bea No (Web):		199600054JK		Bea No (Map):		199600054JK
Fac Name (Web):				Fac Name (Map):		
Address (Web):		220 Felch Street		Address (Map):		220 Felch Street
City (Web):				City (Map):		0
Zip (Web):				Zip (Map):		48103
County (Web):		Washtenaw		County (Map):		Washtenaw
Township (Web):		Ann Arbor Township		Township (Map):		Ann Arbor Township
District (Web):		Jackson		District (Map):		Jackson
Latitude (Web):		42.28656		Latitude (Map):		42.286511
Longitude (Web):		-83.75244		Longitude (Map):		-83.750644
Data Source (Web):		BEA		Data Source (Map):		
Accuracy:		0		Method of Collect:		
Facility 2:		0		Object ID:		1945
Source:		0		ID:		2148
Submitted:		0				
Source:		DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)				

72	4 of 8	NW	0.24 / 1,250.36	781.38 / -45	Ann Arbor Art Center (Fmr. Std Oil) 220 Felch St. Ann Arbor MI	DELISTED SHWS
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Delisted Part 201 Site List

Facility ID:	81000438	Fac Name (Web):	Ann Arbor Art Center (Fmr. Std Oil)
Baseline Assess No:		Address (Web):	220 Felch St.
Site ID:	81000438	County (Web):	Washtenaw
Pollutants:		Township (Web):	Ann Arbor City
Site Name (Map):	Ann Arbor Art Center (Fmr. Std Oil)	City (Web):	Ann Arbor
City (Map):		Zip (Web):	
County (Map):	Washtenaw	Latitude (Web):	42.28656
Latitude (Map):	42.286563	Longitude (Web):	-83.75244
Longitude (Map):	-83.7524387	Object ID:	9818
H Ref Datum:	North American Datum of 1983	MGR X:	
Hzaccms:	10	MGR Y:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Scale No:
Egle District: Jackson
Ref Desc: Center of a facility or station.
H Ref Moc: The geographic coordinate determination method based on interpolation-map.
OS Descrip: Evaluation 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

72	5 of 8	NW	0.24 / 1,250.36	781.38 / -45	C.b Development 220 FELCH ST ANN ARBOR MI 48103-3392	UST
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Facility ID: 00020892
Facility Status: Inactive
Facility Name: C.b Development
Fac Street No: 220
Fac Street Direc:
Fac Street Name: FELCH
Fac Suffix Type: ST
Fac Suffix Direc:
Facility City: ANN ARBOR
Facility Zip: 48103-3392
Facility County: WASHTENAW
Facility State: MI
Fac Name (Map): C.b Development
Address (Map): 220 FELCH ST
City (Map): ANN ARBOR
Zip code (Map): 48103
County (Map): Washtenaw
Latitude (Map): 42.286511
Longitude (Map): -83.750644
Geometry(Map): MULTIPOINT (-83.75063937540497 42.28650286849186)
Facility Name (RIDE):
Full Address (RIDE):
City (RIDE):
County (RIDE):
Township (RIDE):
Latitude (RIDE):
Longitude (RIDE):
Original Source: Licensing and Regulatory Affairs Underground Tank List (LARA); Underground Storage Tanks Part 211 (Map)

Department of Licensing and Regulatory Affairs - Tank & Piping Info

Old Tank ID No:	2	Tank Capacity:	500
New Tank ID No:	UTK-057441-15	Tank Install Date:	
Tank Status:	Removed from Ground	Tank Removal Date:	05/28/1992
Tank Content:	Diesel		
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)

Old Tank ID No:	1	Tank Capacity:	500
New Tank ID No:	UTK-057436-15	Tank Install Date:	05/11/1969
Tank Status:	Removed from Ground	Tank Removal Date:	05/28/1992
Tank Content:	Gasoline		
Tank Compartments:			
Tank Release Detection:			
Tank Construction:	Asphalt Coated or Bare Steel		
Impressed Current:			
Piping Release Detection:			
Piping Material:	Unknown		
Piping Type:			
Status:	Licensing and Regulatory Affairs Underground Tank List (LARA)		

Old Tank ID No:	4	Tank Capacity:	4000
New Tank ID No:	UTK-015504-15	Tank Install Date:	
Tank Status:	Removed from Ground	Tank Removal Date:	05/28/1992
Tank Content:	Diesel		
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)		

Old Tank ID No:	3	Tank Capacity:	1000
New Tank ID No:	UTK-026830-15	Tank Install Date:	
Tank Status:	Removed from Ground	Tank Removal Date:	05/28/1992
Tank Content:	Diesel		
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:	19344	Accuracy:	100
Open LUST:	No	Acc Unit:	FEET
Closed LUST:	Yes	Source:	State of MI
Active Site:	No	Shp Type:	POINT
Closed Site:	Yes	Restrict:	YES
District Name:	Jackson 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: Cb Developement
Owner Address: 725 W Ellsworth Rd
Owner City: Ann Arbor
Owner State: MI
Owner Zip: 48108-3320
Owner Phone: 7347696781

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Facility ID:	00020892				Latitude (RIDE):	
EPA ID:					Longitude (RIDE):	
LUST Name:					County (Map):	Washtenaw
Contaminant Class :					Lat (Map):	42.286511
Regulat Pgm (RIDE):					Long (Map):	-83.750644
County (RIDE):					County:	Washtenaw
Township (RIDE):					EGLE Distri:	Jackson
Facility Name (RIDE):						
Full Address (RIDE):						
Facility City (RIDE):						
Company Name (Map):	C.b Development					
Address (Map):	220 FELCH ST					
City (Map):	ANN ARBOR					
ZIP (Map):	48103					
Location Name:	C.b Development					
Street Address:	220 FELCH ST					
City Village:	ANN ARBOR					
Zip Code:	48103					
Data Source:	LUST List; Leaking Underground Storage Tanks Part 213 Closed (Map)					

LUST Details (EGLE Enviromental Mapper)

Owner ID:	19344	H Datum:	NAD83
Active Site:	No	Accuracy:	100
Close Site:	Yes	Acc Unit:	FEET
Close LUST:	Closed	Shp Type:	POINT
Open LUST:	0	Desc Cater:	Plant Entrance (Freight)
Restrict:	YES	Updated on:	2013-03-07 14:22:12.457
Source:	State of MI	MGR X:	
Col Date:	2001-11-01 00:00:00	MGR Y:	
District:	Jackson District Office		
MOC:	Address Matching-House Number		
Geometry:	MULTIPOINT (-83.75063937540497 42.28650286849186)		

LUST List

Release ID:	REL-0851-92
Release Discovered Date:	NULL
Release Closed Date:	1997-04-23 00:00:00.000
Date Reported:	1992-05-27 00:00:00.000
Address Details:	NULL
Release Status:	Closed

LUST List

Release ID:	REL-0856-92
Release Discovered Date:	NULL
Release Closed Date:	1997-04-23 00:00:00.000
Date Reported:	1992-05-28 00:00:00.000
Address Details:	NULL
Release Status:	Closed

LUST List

Release ID:	REL-0908-92
Release Discovered Date:	NULL
Release Closed Date:	1997-04-23 00:00:00.000
Date Reported:	1992-06-04 00:00:00.000
Address Details:	NULL
Release Status:	Closed

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
			1,250.36	-45	220 FELCH ST ANN ARBOR MI 48103	
WDS ID:		390222				
Site ID:		MI0000028795				
County:		WASHTENAW				
Legal Name:		C B DEVELOPMENT				
Contact Name:						
Contact Phone:						
Contact Email:						

72	8 of 8	NW	0.24 / 1,250.36	781.38 / -45	220 Felch Street MI	BEA
Facility ID (Web):		81000438				
Bea No (Web):		199600054JK				
Fac Name (Web):						
Address (Web):		220 Felch Street				
City (Web):						
Zip (Web):						
County (Web):		Washtenaw				
Township (Web):		Ann Arbor Township				
District (Web):		Jackson				
Latitude (Web):		42.28656				
Longitude (Web):		-83.75244				
Data Source (Web):		BEA				
Accuracy:						
Facility 2:						
Source:						
Submitted:						
Source:		DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)				

73	1 of 6	SW	0.24 / 1,269.52	829.51 / 3	200 S Ashley St Ann Arbor MI 48104	BEA
Facility ID (Web):						
Bea No (Web):		200700803JK				
Fac Name (Web):						
Address (Web):		200 S Ashley				
City (Web):						
Zip (Web):		48104				
County (Web):		Washtenaw				
Township (Web):		Ann Arbor City				
District (Web):		Jackson				
Latitude (Web):						
Longitude (Web):						
Data Source (Web):		BEA				
Accuracy:						
Facility 2:						
Source:						
Submitted:						
Source:		DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)				

73	2 of 6	SW	0.24 / 1,269.52	829.51 / 3	Budget Rent A Car 200 S ASHLEY ST ANN ARBOR MI 48104-1349	UST
Facility ID:		00037272				
Facility Status:		Inactive				
Facility Name:		Budget Rent A Car				
Fac Street No:		200				
Fac Street Direc:		S				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Fac Street Name:	ASHLEY					
Fac Suffix Type:	ST					
Fac Suffix Direc:						
Facility City:	ANN ARBOR					
Facility Zip:	48104-1349					
Facility County:	WASHTENAW					
Facility State:	MI					
Fac Name (Map):	Budget Rent A Car					
Address (Map):	200 S Ashley St					
City (Map):	Ann Arbor					
Zip code (Map):	48104					
County (Map):	Washtenaw					
Latitude (Map):	42.280337					
Longitude (Map):	-83.750035					
Geometry(Map):	MULTIPOINT (-83.75003037616182 42.280328869548576)					
Facility Name (RIDE):						
Full Address (RIDE):						
City (RIDE):						
County (RIDE):						
Township (RIDE):						
Latitude (RIDE):						
Longitude (RIDE):						
Original Source:	Licensing and Regulatory Affairs Underground Tank List (LARA); Underground Storage Tanks Part 211 (Map)					

Department of Licensing and Regulatory Affairs - Tank & Piping Info

Old Tank ID No:	1	Tank Capacity:	6000
New Tank ID No:	UTK-012783-15	Tank Install Date:	04/01/1988
Tank Status:	Removed from Ground	Tank Removal Date:	04/28/1993
Tank Content:	Gasoline		
Tank Compartments:			
Tank Release Detection:			
Tank Construction:	Double Walled,Fiberglass Reinforced Plastic		
Impressed Current:			
Piping Release Detection:			
Piping Material:	Galvanized Steel		
Piping Type:	Pressure (Remote)		
Status:	Licensing and Regulatory Affairs Underground Tank List (LARA)		

EGLE Environmental Mapper

Owner ID:	24608	Accuracy:	100
Open LUST:	No	Acc Unit:	FEET
Closed LUST:	Yes	Source:	State of MI
Active Site:	No	Shp Type:	POINT
Closed Site:	Yes	Restrict:	YES
District Name:	Jackson 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:	Budget Rent A Car System Inc
Owner Address:	4225 Naperville Rd
Owner City:	Lisle
Owner State:	IL
Owner Zip:	60532
Owner Phone:	6309557203

[73](#)

3 of 6

SW

0.24 /
1,269.52

829.51 /
3

Budget Rent A Car
200 S ASHLEY ST
ANN ARBOR MI

LUST

Facility ID: 00037272
EPA ID:

Latitude (RIDE):
Longitude (RIDE):

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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LUST Name:		County (Map):	Washtenaw
Contaminant Class :		Lat (Map):	42.280337
Regulat Pgm (RIDE):		Long (Map):	-83.750035
County (RIDE):		County:	Washtenaw
Township (RIDE):		EGLE Distri:	Jackson
Facility Name (RIDE):			
Full Address (RIDE):			
Facility City (RIDE):			
Company Name (Map):	Budget Rent A Car		
Address (Map):	200 S Ashley St		
City (Map):	Ann Arbor		
ZIP (Map):	48104		
Location Name:	Budget Rent A Car		
Street Address:	200 S ASHLEY ST		
City Village:	ANN ARBOR		
Zip Code:	48104		
Data Source:	LUST List; Leaking Underground Storage Tanks Part 213 Closed (Map)		

LUST Details (EGLE Enviromental Mapper)

Owner ID:	24608	H Datum:	NAD83
Active Site:	No	Accuracy:	100
Close Site:	Yes	Acc Unit:	FEET
Close LUST:	Closed	Shp Type:	POINT
Open LUST:	0	Desc Cater:	Plant Entrance (Freight)
Restrict:	YES	Updated on:	2013-03-07 14:22:12.457
Source:	State of MI	MGR X:	
Col Date:	2001-11-01 00:00:00	MGR Y:	
District:	Jackson District Office		
MOC:	Address Matching-House Number		
Geometry:	MULTIPOINT (-83.75003037616182 42.280328869548576)		

LUST List

Release ID:	REL-0508-93
Release Discovered Date:	NULL
Release Closed Date:	1993-08-05 00:00:00.000
Date Reported:	1993-04-28 00:00:00.000
Address Details:	NULL
Release Status:	Closed

73

4 of 6

SW

0.24 /
1,269.52

829.51 /
3

200 South Ashley Street
200 South Ashley Street
Ann Arbor MI 48104

**FED
BROWNFIELDS**

Property ID:	21901	BF Property (Map):	21901
Lat Measure:	42.28064	Latitude (Map):	42.28064
Long Measure:	-83.74931	Longitude (Map):	-83.74931
Property Name:	200 South Ashley Street		
Address:	200 South Ashley Street		
City:	Ann Arbor		
State Code:	MI		
Zip Code:	48104		
Primary Name (Map):	200 SOUTH ASHLEY STREET		
Location Address (Map):	200 SOUTH ASHLEY STREET		
City Name (Map):	ANN ARBOR		
County Name (Map):	WASHTENAW		
State Code (Map):	MI		
Postal Code (Map):	48104		

Brownfields Details

Registry I:	110038697041	EPA ID:	
EPA Region:	05	BF RLF Gra:	
Cat No:	04090005	BF RLF Pil:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
RCRA Handl:					BF Assess :	
RCRA Curre:					BF Cleanup:	
RCRA Remed:					BF Tba Ind:	
RCRA Const:					BF 128a In:	
RCRA El He:					BF IC Code:	U
RCRA El Gm:					BF IC Gc I:	U
RCRA Rem 1:					BF IC Ep I:	U
RCRA Ec Gw:					BF IC ID I:	U
RCRA Ec Ng:					BF IC Pr I:	U
RCRA IC Ep:					FF Brac In:	
RCRA IC Gc:					BF RLF Ind:	
RCRA IC ID:					BF Assess1:	Y
RCRA IC Pr:					BF Multipu:	
FF RCRA In:					BF Awp Ind:	
RCRA Trans:					BF Showcas:	
RCRA Tra 1:					BF 128a P :	
RCRA Ec Co:					LUST Relea:	
RCRA IC Co:					LUST Award:	
RCRA Gpra :					LUST State:	
RCRA Rem 2:					Congressio:	MI-12
RCRA Dru 1:					FD Agency :	
SF Site ID:					FD Listing:	
SF Ec Ind:					FD Non NPL:	
SF El Gm C:					FD RCRA Ha:	
SF El He C:					FD RCRA Ca:	
SF IC Ind:					FD SF NPL :	
SF NPL Cod:					FD FF Ind:	
SF NPL C 1:					FD Ej Code:	
SF Admin F:					FD Brac In:	
FF And Sit:					FD Federal:	
FF SF Ind:					FD Hrs Sco:	
Map Symbol:	B				FD Ongoing:	
Data Refre:	29-Jul-2022				FD NPL Sta:	
GIS Refres:					FD Non N 1:	
New Site:					FD RCRA Gw:	
Repow Ref :			https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER::::P33_REF:21553		FD RCRA He:	
EPAOSC Sit:					FD GMS Sur:	
EPAOSC Res:					FD Hes Sur:	
EPAOSC R 1:					FD SF Site:	
EPAOSC Sta:					FD Brac Ro:	
EPAOSC Inc:					Stimulus S:	
Desc :					Stimulus B:	
Ind Name:						
Cat Name:		Huron				
Sub Name:		Huron				
Primary Name:		200 SOUTH ASHLEY STREET				
RCRA Drupa:						
Url:					https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%2221901.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page	
Census Url:					https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-83.74931%2C42.28064&featype=point&radius=1.0	
ACS Url:					https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-83.74931%2C42.28064&featype=point&radius=1.0	
SF Site Na:					UST Status:	
SF Non Npl:					UST Substa:	
SF Non N 1:					UST Landus:	
SF Non N 3:					UST SPA Wa:	
ERR Lat Lo:					UST SPA Fa:	
REPOW BF:	SG				UST WHPA W:	
REPOW SF:					UST WHPA F:	
REPOW RCRA:					UST Open:	
REPOW Ref1:	21553				UST Closed:	
RCRA Han 1:					LUST ID:	
RCRA Rau I:					Saa Site:	
BF Propert:			21901-			
REPOW Re 1:			RE-Powering Site Profile			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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BF Prope 1: 200 South Ashley Street
 SF Non N 2:

Cleanups In My Community (CIMC)

Grant ID:	69598398	ASMT Cntrl Sub :	
Grant Type:	Assessment	Cleanup Cntrl Sub :	
EPA Region:	05	ASMT Asbestos :	
Ownership Entity:	Private	Cleanup Asbestos :	
Latitude Measure:	42.28064	ASMT PcbS :	
Longitude Measure:	-83.74931	Cleanup PcbS :	
Flag Cleanup Reqcd:	Y	ASMT Vocs :	
Flag IC Required:	U	Cleanup Vocs :	
Stcntrbg:		ASMT Lead :	
Property Size:	.1	Cleanup Lead :	
Flag IC in Place:	U	ASMT Oth Metal :	
IC in Place Date:		Cleanup Oth Metal :	
Prop Cntrl :		ASMT Pahs :	
Gov Cntrl :		Cleanup Pahs :	
Permit Tools :		ASMT Oth Cont:	
Info DevICes :		Cleanup Oth Cont:	
Prop Fnding Type Cd:	Petroleum	ASMT Air :	
Ownshp Changed :	N	Cleanup Air :	
Sflfp Factor :		ASMT Drk Wat:	
Source Mapscale No:	1:24,000	Cleanup Drk Wat:	
Past Cml Acres:	.1	ASMT Grd Water:	
Future Cml Acres:		Cleanup Grd Water:	
Past Grnspc Acres:		ASMT Sediments :	
Future Grnspc Acres:		Cleanup Sediments :	
Past Acres:		ASMT Soil :	Y
Future Acres:		Cleanup Soil :	Y
Past Res Acres:		ASMT Srf Water :	
Future Res Acres:		Cleanup Srf Water :	
St Enrollment Dt:		Other Media :	
St Enrollment ID:		Unknown Media :	
St NFA Dt:		Ready For Reuse :	N
Assess Petrol Prod :	Y	Assess Amount:	5650
Cleanup Petrol Prod :	Y	Assess Fnd Ent Nm:	EPA
Assess Start Dt:	04/26/2006	Photo Available :	Y
Assess Cmpltn Dt:	05/22/2006	Video Available :	N
Cleanup Start Dt:		Cleanup Acres:	
Cleanup Cmpltn Dt:		Cleanup Amount:	
Redev Start Dt:		Redev Acres:	
Redev Cleanup Jobs:		Redev Amount:	
Grant Recipient Nm:	Washtenaw County		
PropertyNm:	200 South Ashley Street		
Address:	200 South Ashley Street		
City:	Ann Arbor		
State Code:	MI		
Zip Code:	48104		
Local Parcel No:	09-09-29-146-006		
Current Owner:	Gui Ponce de Leon		
IC Data Address:			
Horizontal Collection Method:	Address Matching-House Number		
Reference Point:	Center of a Facility or Station		
Horizontal Reference Datum:	North American Datum of 1983		
Other Description:			
Other Desc Cleaned Up:			
Assess Type:	Phase II Environmental Assessment		
Assess Fund Entity:	US EPA - Brownfields Assessment Cooperative Agreement		
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Redev Funding Entity Nm:			
Desc Hist:	Main use as a gasoline station and car rental business		
Accmplisht Cnt Flag:	N	Vacant Housing:	444
Coop Agreement No:	96583901	Vacant Housing Pct:	10.63
Past Mltistry Acres:		Total Unemployed:	334

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Ftr Multistory Acres:					Unemployed Pct:	4.27
Assess Cadmium :					Radius:	.5
Clnup Cadmium :					Actvy Funded:	
Assess Chromium :					Redev Lvrgd Srcs:	
Clnup Chromium :					AA Amt Funding:	11300
Assess Copper :					Flag Clnup Trmt Tech:	
Clnup Copper :					Excavation Disposal:	
Assess Iron :					Extrctn of Cntmnts:	
Clnup Iron :					Removal of Mats:	
Assess Nickel :					Rdctn of Cntmnts:	
Clnup Nickel :					Clnup of Structures:	
Assess Selenium :					Env EC Required:	
Clnup Selenium :					Flag EC Cover Tech:	
Assess Mercury :					Flag EC Security:	
Clnup Mercury :					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC Eng Barriers:	
Clnup ArsenIC :					Flag EC Other:	
Assess Bldg Mats :					Env IC in Place:	U
Clnup Bldg Mats :					Env EC in Place:	
Assess oorair :					Env Clnup Jobs:	
Clnup oorair :					Sect 128 A State Trbl:	
Assess None :					Multipurpose:	
Clnup None :					Clnup Cst Shr Amt:	
Assess Pesticides :					RLF Loan Amount:	
Clnup Pesticides :					RLF Ln Cst Shr Amt:	
Assess Unknown :					Pro Income Amt:	
Clnup Unknown :					Dt RLF Loan Signed:	
Assess Svocs :					Repayment Period:	
Clnup Svocs :					Interest Rate:	
Clnup Unkn Media :					RLF Subgrant Amt:	
Redev Cmpltn Date:					Cost Share Amt:	
Pro Code:	BF				Env Pro Income Amt:	
FCA Fy:					Dt RLF Sbrgrnt Signd:	
Flag EC in Place:					Clnup Actvy Funded:	
Flag EC Required:					Below Poverty:	3542
RFR Notation:					Below Poverty Pct:	45.29
Gpa Type ID:	2				Median Income:	8025
Clnup Doc:	N				Low Income:	4606
Awp Catalyst Yn:					Low Income Pct:	58.9
Flag Prop Not Enrld:						
Redev Fund Entity:						
Gpa Type Desc:			Phase II Environmental Assessment			
AA Actvy Funded:						
AA Source of Funding:			Private/Other Funding			
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
Other Forms of Doc:						
IC Addl Info:						
Highlights:			Former Use: Main use as a gasoline station and car rental business			
Property Alias:						
Ctmnt Found:			Petroleum Products			
Ctmnt Cleanedup:			Petroleum Products			
Ctmnt Rec:						

Media Affected:

Soil

Cleanups In My Community (CIMC)

Grant ID:	69598398	ASMT Cntrl Sub :	
Grant Type:	Assessment	Cleanup Cntrl Sub :	
EPA Region:	05	ASMT Asbestos :	
Ownership Entity:	Private	Cleanup Asbestos :	
Latitude Measure:	42.28064	ASMT Pcb s :	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Longitude Measure:	-83.74931				Cleanup Pcbs :	
Flag Cleanup Reqcd:	Y				ASMT Vocs :	
Flag IC Required:	U				Cleanup Vocs :	
Stcntrbg:					ASMT Lead :	
Property Size:	.1				Cleanup Lead :	
Flag IC in Place:	U				ASMT Oth Metal :	
IC in Place Date:					Cleanup Oth Metal :	
Prop Cntrl :					ASMT Pahs :	
Gov Cntrl :					Cleanup Pahs :	
Permit Tools :					ASMT Oth Cont:	
Info Dev/Ces :					Cleanup Oth Cont:	
Prop Fnding Type Cd:	Petroleum				ASMT Air :	
Ownshp Changed :	N				Cleanup Air :	
Sflp Factor :					ASMT Drk Wat:	
Source Mapscale No:	1:24,000				Cleanup Drk Wat:	
Past Cml Acres:	.1				ASMT Grd Water:	
Future Cml Acres:					Cleanup Grd Water:	
Past Grnspc Acres:					ASMT Sediments :	
Future Grnspc Acres:					Cleanup Sediments :	
Past Acres:					ASMT Soil :	Y
Future Acres:					Cleanup Soil :	Y
Past Res Acres:					ASMT Srf Water :	
Future Res Acres:					Cleanup Srf Water :	
St Enrollment Dt:					Other Media :	
St Enrollment ID:					Unknown Media :	
St NFA Dt:					Ready For Reuse :	N
Assess Petrol Prod :	Y				Assess Amount:	1500
Cleanup Petrol Prod :	Y				Assess Fnd Ent Nm:	EPA
Assess Start Dt:	03/01/2003				Photo Available :	Y
Assess Cmpltn Dt:	03/30/2006				Video Available :	N
Cleanup Start Dt:					Cleanup Acres:	
Cleanup Cmpltn Dt:					Cleanup Amount:	
Redev Start Dt:					Redev Acres:	
Redev Cleanup Jobs:					Redev Amount:	
Grant Recipient Nm:		Washtenaw County				
PropertyNm:		200 South Ashley Street				
Address:		200 South Ashley Street				
City:		Ann Arbor				
State Code:		MI				
Zip Code:		48104				
Local Parcel No:		09-09-29-146-006				
Current Owner:		Gui Ponce de Leon				
IC Data Address:						
Horizontal Collection Method:		Address Matching-House Number				
Reference Point:		Center of a Facility or Station				
Horizontal Reference Datum:		North American Datum of 1983				
Other Description:						
Other Desc Cleaned Up:						
Assess Type:		Phase I Environmental Assessment				
Assess Fund Entity:		US EPA - Brownfields Assessment Cooperative Agreement				
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Redev Funding Entity Nm:						
Desc Hist:		Main use as a gasoline station and car rental business				
Accmplisht Cnt Flag:	Y				Vacant Housing:	444
Coop Agreement No:	96583901				Vacant Housing Pct:	10.63
Past Mltistry Acres:					Total Unemployed:	334
Ftr Multistroy Acres:					Unemployed Pct:	4.27
Assess Cadmium :					Radius:	.5
Clnup Cadmium :					Actvy Funded:	
Assess Chromium :					Redev Lvrgd Srcs:	
Clnup Chromium :					AA Amt Funding:	
Assess Copper :					Flag Clnup Trmt Tech:	
Clnup Copper :					Excavation Disposal:	
Assess Iron :					Extrctn of Cntmnts:	
Clnup Iron :					Removal of Mats:	
Assess Nickel :					Rdctn of Cntmnts:	
Clnup Nickel :					Clnup of Structures:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Assess Selenium :					Env EC Required:	
Clnup Selenium :					Flag EC Cover Tech:	
Assess Mercury :					Flag EC Security:	
Clnup Mercury :					Flag EC Immblztn:	
Assess ArsenIC :					Flag EC Eng Barriers:	
Clnup ArsenIC :					Flag EC Other:	
Assess Bldg Mats :					Env IC in Place:	U
Clnup Bldg Mats :					Env EC in Place:	
Assess oorair :					Env Clnup Jobs:	
Clnup oorair :					Sect 128 A State Trbl:	
Assess None :					Multipurpose:	
Clnup None :					Clnup Cst Shr Amt:	
Assess Pesticides :					RLF Loan Amount:	
Clnup Pesticides :					RLF Ln Cst Shr Amt:	
Assess Unknown :					Pro Income Amt:	
Clnup Unknown :					Dt RLF Loan Signed:	
Assess Svocs :					Repayment Period:	
Clnup Svocs :					Interest Rate:	
Clnup Unkn Media :					RLF Subgrant Amt:	
Redev Cmpltn Date:					Cost Share Amt:	
Pro Code:	BF				Env Pro Income Amt:	
FCA Fy:	FY06				Dt RLF Sbrgrnt Signd:	
Flag EC in Place:					Clnup Actvy Funded:	
Flag EC Required:					Below Poverty:	3542
RFR Notation:					Below Poverty Pct:	45.29
Gpa Type ID:	1				Median Income:	8025
Clnup Doc:	N				Low Income:	4606
Awp Catalyst Yn:					Low Income Pct:	58.9
Flag Prop Not Enrld:						
Redev Fund Entity:						
Gpa Type Desc:		Phase I Environmental Assessment				
AA Actvy Funded:						
AA Source of Funding:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
Other Forms of Doc:						
IC Addl Info:						
Highlights:		Former Use: Main use as a gasoline station and car rental business				
Property Alias:						
Ctmnt Found:		Petroleum Products				
Ctmnt Cleanedup:		Petroleum Products				
Ctmnt Rec:						

Media Affected:

Soil

Cleanups In My Community (CIMC)

Grant ID:	69598398	ASMT Cntrl Sub :
Grant Type:	Assessment	Cleanup Cntrl Sub :
EPA Region:	05	ASMT Asbestos :
Ownership Entity:	Private	Cleanup Asbestos :
Latitude Measure:	42.28064	ASMT PcbS :
Longitude Measure:	-83.74931	Cleanup PcbS :
Flag Cleanup Reqcd:	Y	ASMT Vocs :
Flag IC Required:	U	Cleanup Vocs :
Stcntrbg:		ASMT Lead :
Property Size:	.1	Cleanup Lead :
Flag IC in Place:	U	ASMT Oth Metal :
IC in Place Date:		Cleanup Oth Metal :
Prop Cntrl :		ASMT Pahs :
Gov Cntrl :		Cleanup Pahs :
Permit Tools :		ASMT Oth Cont:
Info DevICes :		Cleanup Oth Cont:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Prop Fnding Type Cd:	Petroleum				ASMT Air :	
Ownshp Changed :	N				Cleanup Air :	
Sflfp Factor :					ASMT Drk Wat:	
Source Mapscale No:	1:24,000				Cleanup Drk Wat:	
Past Cml Acres:	.1				ASMT Grd Water:	
Future Cml Acres:					Cleanup Grd Water:	
Past Grnspc Acres:					ASMT Sediments :	
Future Grnspc Acres:					Cleanup Sediments :	
Past Acres:					ASMT Soil :	Y
Future Acres:					Cleanup Soil :	Y
Past Res Acres:					ASMT Srf Water :	
Future Res Acres:					Cleanup Srf Water :	
St Enrollment Dt:					Other Media :	
St Enrollment ID:					Unknown Media :	
St NFA Dt:					Ready For Reuse :	N
Assess Petrol Prod :	Y				Assess Amount:	5650
Cleanup Petrol Prod :	Y				Assess Fnd Ent Nm:	PMA
Assess Start Dt:	04/26/2006				Photo Available :	Y
Assess Cmpltn Dt:	05/22/2006				Video Available :	N
Cleanup Start Dt:					Cleanup Acres:	
Cleanup Cmpltn Dt:					Cleanup Amount:	
Redev Start Dt:					Redev Acres:	
Redev Cleanup Jobs:					Redev Amount:	
Grant Recipient Nm:		Washtenaw County				
PropertyNm:		200 South Ashley Street				
Address:		200 South Ashley Street				
City:		Ann Arbor				
State Code:		MI				
Zip Code:		48104				
Local Parcel No:		09-09-29-146-006				
Current Owner:		Gui Ponce de Leon				
IC Data Address:						
Horizontal Collection Method:		Address Matching-House Number				
Reference Point:		Center of a Facility or Station				
Horizontal Reference Datum:		North American Datum of 1983				
Other Description:						
Other Desc Cleaned Up:						
Assess Type:		Phase II Environmental Assessment				
Assess Fund Entity:		Private/Other Funding				
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Redev Funding Entity Nm:						
Desc Hist:		Main use as a gasoline station and car rental business				
Accmplisht Cnt Flag:	N				Vacant Housing:	444
Coop Agreement No:	96583901				Vacant Housing Pct:	10.63
Past Mltistry Acres:					Total Unemployed:	334
Ftr Multistory Acres:					Unemployed Pct:	4.27
Assess Cadmium :					Radius:	.5
Clnup Cadmium :					Actvy Funded:	
Assess Chromium :					Redev Lvrgd Srcs:	
Clnup Chromium :					AA Amt Funding:	11300
Assess Copper :					Flag Clnup Trmt Tech:	
Clnup Copper :					Excavation Disposal:	
Assess Iron :					Extrctn of Cntmnts:	
Clnup Iron :					Removal of Mats:	
Assess Nickel :					Rdctn of Cntmnts:	
Clnup Nickel :					Clnup of Structures:	
Assess Selenium :					Env EC Required:	
Clnup Selenium :					Flag EC Cover Tech:	
Assess Mercury :					Flag EC Security:	
Clnup Mercury :					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC Eng Barriers:	
Clnup ArsenIC :					Flag EC Other:	
Assess Bldg Mats :					Env IC in Place:	U
Clnup Bldg Mats :					Env EC in Place:	
Assess oorair :					Env Clnup Jobs:	
Clnup oorair :					Sect 128 A State Trbl:	
Assess None :					Multipurpose:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Clnup None :					Clnup Cst Shr Amt:	
Assess Pesticides :					RLF Loan Amount:	
Clnup Pesticides :					RLF Ln Cst Shr Amt:	
Assess Unknown :					Pro Income Amt:	
Clnup Unknown :					Dt RLF Loan Signed:	
Assess Svocs :					Repayment Period:	
Clnup Svocs :					Interest Rate:	
Clnup Unkn Media :					RLF Subgrant Amt:	
Redev Crmplt Date:					Cost Share Amt:	
Pro Code:	BF				Env Pro Income Amt:	
FCA Fy:					Dt RLF Sbrgrnt Signd:	
Flag EC in Place:					Clnup Actvy Funded:	
Flag EC Required:					Below Poverty:	3542
RFR Notation:					Below Poverty Pct:	45.29
Gpa Type ID:	2				Median Income:	8025
Clnup Doc:	N				Low Income:	4606
Awp Catalyst Yn:					Low Income Pct:	58.9
Flag Prop Not Enrld:						
Redev Fund Entity:						
Gpa Type Desc:		Phase II Environmental Assessment				
AA Actvy Funded:						
AA Source of Funding:		Private/Other Funding				
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
Other Forms of Doc:						
IC Addl Info:						
Highlights:		Former Use: Main use as a gasoline station and car rental business				
Property Alias:						
Ctmnt Found:		Petroleum Products				
Ctmnt Cleanedup:		Petroleum Products				
Ctmnt Rec:						
Media Affected:						
Soil						

Cleanups In My Community (CIMC)

Grant ID:	69598398	ASMT Cntrl Sub :	
Grant Type:	Assessment	Cleanup Cntrl Sub :	
EPA Region:	05	ASMT Asbestos :	
Ownership Entity:	Private	Cleanup Asbestos :	
Latitude Measure:	42.28064	ASMT PcbS :	
Longitude Measure:	-83.74931	Cleanup PcbS :	
Flag Cleanup Reqd:	Y	ASMT VocS :	
Flag IC Required:	U	Cleanup VocS :	
Stcntrbg:		ASMT Lead :	
Property Size:	.1	Cleanup Lead :	
Flag IC in Place:	U	ASMT Oth Metal :	
IC in Place Date:		Cleanup Oth Metal :	
Prop Cntrl :		ASMT Pahs :	
Gov Cntrl :		Cleanup Pahs :	
Permit Tools :		ASMT Oth Cont:	
Info DevICes :		Cleanup Oth Cont:	
Prop Fnding Type Cd:	Petroleum	ASMT Air :	
Ownshp Changed :	N	Cleanup Air :	
Sflp Factor :		ASMT Drk Wat:	
Source Mapscale No:	1:24,000	Cleanup Drk Wat:	
Past Cml Acres:	.1	ASMT Grd Water:	
Future Cml Acres:		Cleanup Grd Water:	
Past Grnspc Acres:		ASMT Sediments :	
Future Grnspc Acres:		Cleanup Sediments :	
Past Acres:		ASMT Soil :	Y
Future Acres:		Cleanup Soil :	Y
Past Res Acres:		ASMT Srf Water :	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Future Res Acres:					Cleanup Srf Water :	
St Enrollment Dt:					Other Media :	
St Enrollment ID:					Unknown Media :	
St NFA Dt:					Ready For Reuse :	N
Assess Petrol Prod :	Y				Assess Amount:	
Cleanup Petrol Prod :	Y				Assess Fnd Ent Nm:	
Assess Start Dt:					Photo Available :	Y
Assess Cmpltn Dt:					Video Available :	N
Cleanup Start Dt:					Cleanup Acres:	
Cleanup Cmpltn Dt:					Cleanup Amount:	
Redev Start Dt:					Redev Acres:	
Redev Cleanup Jobs:					Redev Amount:	
Grant Recipient Nm:		Washtenaw County				
PropertyNm:		200 South Ashley Street				
Address:		200 South Ashley Street				
City:		Ann Arbor				
State Code:		MI				
Zip Code:		48104				
Local Parcel No:		09-09-29-146-006				
Current Owner:		Gui Ponce de Leon				
IC Data Address:						
Horizontal Collection Method:		Address Matching-House Number				
Reference Point:		Center of a Facility or Station				
Horizontal Reference Datum:		North American Datum of 1983				
Other Description:						
Other Desc Cleaned Up:						
Assess Type:						
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Redev Funding Entity Nm:						
Desc Hist:		Main use as a gasoline station and car rental business				
Accmplisht Cnt Flag:					Vacant Housing:	444
Coop Agreement No:	96583901				Vacant Housing Pct:	10.63
Past Mltistry Acres:					Total Unemployed:	334
Ftr Multistory Acres:					Unemployed Pct:	4.27
Assess Cadmium :					Radius:	.5
Clnup Cadmium :					Actvy Funded:	
Assess Chromium :					Redev Lvrgd Srce:	
Clnup Chromium :					AA Amt Funding:	
Assess Copper :					Flag Clnup Trmt Tech:	
Clnup Copper :					Excavation Disposal:	
Assess Iron :					Extrctn of Cntmnts:	
Clnup Iron :					Removal of Mats:	
Assess Nickel :					Rdctn of Cntmnts:	
Clnup Nickel :					Clnup of Structures:	
Assess Selenium :					Env EC Required:	
Clnup Selenium :					Flag EC Cover Tech:	
Assess Mercury :					Flag EC Security:	
Clnup Mercury :					Flag EC Immblztn:	
Assess ArsenIC :					Flag EC Eng Barriers:	
Clnup ArsenIC :					Flag EC Other:	
Assess Bldg Mats :					Env IC in Place:	U
Clnup Bldg Mats :					Env EC in Place:	
Assess oorair :					Env Clnup Jobs:	
Clnup oorair :					Sect 128 A State Trbl:	
Assess None :					Multipurpose:	
Clnup None :					Clnup Cst Shr Amt:	
Assess Pesticides :					RLF Loan Amount:	
Clnup Pesticides :					RLF Ln Cst Shr Amt:	
Assess Unknown :					Pro Income Amt:	
Clnup Unknown :					Dt RLF Loan Signed:	
Assess Svocs :					Repayment Period:	
Clnup Svocs :					Interest Rate:	
Clnup Unkn Media :					RLF Subgrant Amt:	
Redev Cmpltn Date:					Cost Share Amt:	
Pro Code:	BF				Env Pro Income Amt:	
FCA Fy:					Dt RLF Sbrgrnt Signd:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Flag EC in Place:				Clnup Actvy Funded:		
Flag EC Required:				Below Poverty:		3542
RFR Notation:				Below Poverty Pct:		45.29
Gpa Type ID:		9			Median Income:	
Clnup Doc:		N			Low Income:	
Awp Catalyst Yn:				Low Income Pct:		58.9
Flag Prop Not Enrld:						
Redev Fund Entity:						
Gpa Type Desc:		Acres of Green Space Created				
AA Actvy Funded:						
AA Source of Funding:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
Other Forms of Doc:						
IC Addl Info:						
Highlights:		Former Use: Main use as a gasoline station and car rental business				
Property Alias:						
Ctmnt Found:		Petroleum Products				
Ctmnt Cleanedup:		Petroleum Products				
Ctmnt Rec:						
Media Affected:						
Soil						

73	5 of 6	SW	0.24 / 1,269.52	829.51 / 3	BUDGET RENT A CAR 200 S ASHLEY ST ANN ARBOR MI 48104	WASTE
WDS ID:		453592				
Site ID:		MIG000019366				
County:		WASHTENAW				
Legal Name:		BUDGET RENT A CAR				
Contact Name:						
Contact Phone:						
Contact Email:						

73	6 of 6	SW	0.24 / 1,269.52	829.51 / 3	200 S Ashley 200 S Ashley, MI, 48104 MI	SHWS
EPA ID:						
Facility ID (Web):		81000705				
Site ID (Map):		81000705				
Regulatory Program:		201				
Lust Name:						
Project Manager:		Wilde, Dan				
Release Status:						
Pollutants:						
Fac Name (Web):		200 S Ashley				
Address (Web):		200 S Ashley, MI, 48104				
City (Web):						
Township (Web):		Ann Arbor City				
County (Web):		Washtenaw				
Latitude (Web):		42.2805				
Longitude (Web):		-83.7498				
Site Name (Map):		200 S Ashley				
Address (Map):		200 S Ashley				
City (Map):						
Zip Code (Map):		48104				
County (Map):		Washtenaw				
Latitude (Map):		42.2805				
Longitude (Map):		-83.7498				
US Congressional District:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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H Ref Datum:
H Ref Moc:
OS Descrip: Risks Not Determined
Ref Desc:
Risk Condition: Risks Not Determined
Data Source: DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)

74	1 of 3	W	0.24 / 1,277.31	794.22 / -32	Bill Muncys Service 423 MILLER AVE ANN ARBOR MI 48103-3339	UST
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Facility ID: 00037093
Facility Status: Inactive
Facility Name: Bill Muncys Service
Fac Street No: 423
Fac Street Direc:
Fac Street Name: MILLER
Fac Suffix Type: AVE
Fac Suffix Direc:
Facility City: ANN ARBOR
Facility Zip: 48103-3339
Facility County: WASHTENAW
Facility State: MI
Fac Name (Map): Bill Muncys Service
Address (Map): 423 Miller Ave
City (Map): Ann Arbor
Zip code (Map): 48103
County (Map): Washtenaw
Latitude (Map): 42.283631
Longitude (Map): -83.752637
Geometry(Map): MULTIPOINT (-83.75263237506232 42.28362286910083)
Facility Name (RIDE):
Full Address (RIDE):
City (RIDE):
County (RIDE):
Township (RIDE):
Latitude (RIDE):
Longitude (RIDE):
Original Source: Licensing and Regulatory Affairs Underground Tank List (LARA); Underground Storage Tanks Part 211 (Map)

Department of Licensing and Regulatory Affairs - Tank & Piping Info

Old Tank ID No:	1	Tank Capacity:	500
New Tank ID No:	UTK-071158-15	Tank Install Date:	
Tank Status:	Closed in Ground	Tank Removal Date:	01/25/1999
Tank Content:	Used Oil		
Tank Compartments:			
Tank Release Detection:			
Tank Construction:			
Impressed Current:			
Piping Release Detection:			
Piping Material:	Bare Steel		
Piping Type:	Suction: No Valve at Tank		
Status:	Licensing and Regulatory Affairs Underground Tank List (LARA)		

EGLE Environmental Mapper

Owner ID:	24579	Accuracy:	100
Open LUST:	No	Acc Unit:	FEET
Closed LUST:	Yes	Source:	State of MI
Active Site:	No	Shp Type:	POINT
Closed Site:	Yes	Restrict:	YES
District Name:	Jackson District Office	Desc Cater:	Plant Entrance (Freight)
H Datum:	NAD83		
Collection Method:	Address Matching-House Number		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Department of Licensing and Regulatory Affairs - Tank Owner Info

Owner Name: Bill Muncys Serv
Owner Address: 423 Miller Ave
Owner City: Ann Arbor
Owner State: MI
Owner Zip: 48103-3339
Owner Phone: 7349940873

74	2 of 3	W	0.24 / 1,277.31	794.22 / -32	Bill Muncys Service 423 Miller Ave Ann Arbor MI	LUST
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Facility ID:	00037093	Latitude (RIDE):	42.283631
EPA ID:		Longitude (RIDE):	-83.752637
LUST Name:		County (Map):	Washtenaw
Contaminant Class :		Lat (Map):	42.283631
Regulat Pgm (RIDE):	213	Long (Map):	-83.752637
County (RIDE):	Washtenaw	County:	Washtenaw
Township (RIDE):	Ann Arbor	EGLE Distri:	Jackson
Facility Name (RIDE):	Bill Muncys Service		
Full Address (RIDE):	423 Miller Ave		
Facility City (RIDE):	Ann Arbor		
Company Name (Map):	Bill Muncys Service		
Address (Map):	423 Miller Ave		
City (Map):	Ann Arbor		
ZIP (Map):	48103		
Location Name:	Bill Muncys Service		
Street Address:	423 Miller Ave		
City Village:	Ann Arbor		
Zip Code:	48103		
Data Source:	EGLE Remediation Information Data Exchange Tanks (RIDE); LUST List; Leaking Underground Storage Tanks Part 213 Closed (Map)		

LUST Details (EGLE Enviromental Mapper)

Owner ID:	24579	H Datum:	NAD83
Active Site:	No	Accuracy:	100
Close Site:	Yes	Acc Unit:	FEET
Close LUST:	Closed	Shp Type:	POINT
Open LUST:	0	Desc Cater:	Plant Entrance (Freight)
Restrict:	YES	Updated on:	2013-03-07 14:22:12.457
Source:	State of MI	MGR X:	
Col Date:	2001-11-01 00:00:00	MGR Y:	
District:	Jackson District Office		
MOC:	Address Matching-House Number		
Geometry:	MULTIPOINT (-83.75263237506232 42.28362286910083)		

Locations

EPA ID:		Senate District:	
Release Status:	Closed	House District:	
Egle District:	Jackson	US Congr District:	
Project Manager:	Wilde, Dan		
Risk Condition:	Risk Controlled		
LUST Name:	Bill Muncys Service		

Facility Release

Release ID: REL-0073-99
Type of Release: Confirmed
Current Classification: Class 5

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Corrective Action Status: Complete
 Linked Release:

Facility Release Details

Release ID: REL-0073-99
 Current Classification: Class 5
 Corrective Action Status: Complete
 Previous Classification: Class 4
 Entry Date: 01/14/2000
 Date Release Was Cancelled:
 Date Reported: 02/02/1999
 Closed With State Funds: No
 Date Release Was Upgraded:
 Highest Classification: Class 4
 Type of Evaluation:
 Institutional Controls: No
 Upgrade Cancel Date:
 Project Manager When Closed: Hiske, Terry
 Release Closed: Residential Closure
 Closed Date: 01/14/2000

LUST List

Release ID: REL-0073-99
 Release Discovered Date: 1999-02-02 00:00:00.000
 Release Closed Date: 2000-01-14 00:00:00.000
 Date Reported: 1999-02-02 00:00:00.000
 Address Details: NULL
 Release Status: Closed

74	3 of 3	W	0.24 / 1,277.31	794.22 / -32	BILL MUNCY SERVICE 423 MILLER AVE ANN ARBOR MI 48103	WASTE
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WDS ID: 457070
 Site ID: MIG000010499
 County: WASHTENAW
 Legal Name: BILL MUNCY SERVICE
 Contact Name:
 Contact Phone:
 Contact Email:

75	1 of 2	ESE	0.24 / 1,279.26	861.64 / 36	Fireston Store #2532/006130 402 E HURON ST ANN ARBOR MI 48104-1521	UST
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Facility ID: 00000424
 Facility Status: Inactive
 Facility Name: Fireston Store #2532/006130
 Fac Street No: 402
 Fac Street Direc: E
 Fac Street Name: HURON
 Fac Suffix Type: ST
 Fac Suffix Direc:
 Facility City: ANN ARBOR
 Facility Zip: 48104-1521
 Facility County: WASHTENAW
 Facility State: MI
 Fac Name (Map): Fireston Store #2532/006130
 Address (Map): 402 E Huron St
 City (Map): Ann Arbor
 Zip code (Map): 48104
 County (Map): Washtenaw

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Latitude (Map):		42.281142				
Longitude (Map):		-83.743794				
Geometry(Map):		MULTIPOINT (-83.74378937799436 42.281133869088634)				
Facility Name (RIDE):		Fireston Store #2532/006130				
Full Address (RIDE):		402 E HURON ST, ANN ARBOR, MI, 48104				
City (RIDE):		ANN ARBOR				
County (RIDE):		Washtenaw				
Township (RIDE):		Ann Arbor				
Latitude (RIDE):		42.281142				
Longitude (RIDE):		-83.743794				
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:	1000
New Tank ID No:	UTK-093857-15	Tank Install Date:	07/28/1966
Tank Status:	Removed from Ground	Tank Removal Date:	10/01/1989
Tank Content:	Used Oil		
Tank Compartments:			
Tank Release Detection:			
Tank Construction:	Asphalt Coated or Bare Steel		
Impressed Current:			
Piping Release Detection:			
Piping Material:	Unknown		
Piping Type:			
Status:	Licensing and Regulatory Affairs Underground Tank List (LARA)		

Old Tank ID No:	2	Tank Capacity:	10000
New Tank ID No:	UTK-039502-15	Tank Install Date:	
Tank Status:	Removed from Ground	Tank Removal Date:	10/01/1989
Tank Content:	Other(WATER)		
Tank Compartments:			
Tank Release Detection:			
Tank Construction:	Asphalt Coated or Bare Steel		
Impressed Current:			
Piping Release Detection:			
Piping Material:	Unknown		
Piping Type:			
Status:	Licensing and Regulatory Affairs Underground Tank List (LARA)		

Old Tank ID No:	5	Tank Capacity:	2500
New Tank ID No:	UTK-093866-15	Tank Install Date:	
Tank Status:	Removed from Ground	Tank Removal Date:	10/01/1989
Tank Content:	Other(WATER)		
Tank Compartments:			
Tank Release Detection:			
Tank Construction:	Asphalt Coated or Bare Steel		
Impressed Current:			
Piping Release Detection:			
Piping Material:	Unknown		
Piping Type:			
Status:	Licensing and Regulatory Affairs Underground Tank List (LARA)		

Old Tank ID No:	3	Tank Capacity:	2000
New Tank ID No:	UTK-032036-15	Tank Install Date:	
Tank Status:	Removed from Ground	Tank Removal Date:	10/01/1989
Tank Content:	Other(WATER)		
Tank Compartments:			
Tank Release Detection:			
Tank Construction:	Asphalt Coated or Bare Steel		
Impressed Current:			
Piping Release Detection:			
Piping Material:	Unknown		
Piping Type:			
Status:	Licensing and Regulatory Affairs Underground Tank List (LARA)		

Old Tank ID No:	4	Tank Capacity:	2500
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
New Tank ID No:	UTK-093861-15				Tank Install Date:	
Tank Status:	Removed from Ground				Tank Removal Date:	10/01/1989
Tank Content:	Other(WATER)					
Tank Compartments:						
Tank Release Detection:						
Tank Construction:	Asphalt Coated or Bare Steel					
Impressed Current:						
Piping Release Detection:						
Piping Material:	Unknown					
Piping Type:						
Status:	Licensing and Regulatory Affairs Underground Tank List (LARA)					

EGLE Environmental Mapper

Owner ID:	5356	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:	Jackson 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:	Firestone Tire & Rubber Co
Owner Address:	1200 Firestone Pkwy
Owner City:	Akron
Owner State:	OH
Owner Zip:	44317-0001
Owner Phone:	2163797000

Tank Details

Release Status:		EGLE District:	Jackson
Risk Condition:	No Known Risks	Senate District:	
Regulatory Program:	211	House District:	
Project Manager:	Adelman, Mitch	US Congress Dist:	

75	2 of 2	ESE	0.24 / 1,279.26	861.64 / 36	FIRESTONE TIRE & SERVICE CENTER #2532 402 E HURON ST ANN ARBOR MI 48104	WASTE
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WDS ID:	452850
Site ID:	MIG000020716
County:	WASHTENAW
Legal Name:	FIRESTONE TIRE & SERVICE CENTER
Contact Name:	
Contact Phone:	
Contact Email:	

76	1 of 2	SE	0.24 / 1,282.31	856.82 / 31	Ann Arbor CO (M65110) 324 E WASHINGTON ST ANN ARBOR MI 48104-2010	UST
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Facility ID:	00011653
Facility Status:	Active
Facility Name:	Ann Arbor CO (M65110)
Fac Street No:	324
Fac Street Direc:	E
Fac Street Name:	WASHINGTON
Fac Suffix Type:	ST

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Fac Suffix Direc:

Facility City: ANN ARBOR
Facility Zip: 48104-2010
Facility County: WASHTENAW
Facility State: MI
Fac Name (Map): Ann Arbor Co
Address (Map): 324 E Huron St
City (Map): Ann Arbor
Zip code (Map): 48104
County (Map): Washtenaw
Latitude (Map): 42.281328
Longitude (Map): -83.745443
Geometry(Map): MULTIPOINT (-83.7454383774733 42.281319869139935)
Facility Name (RIDE):
Full Address (RIDE):
City (RIDE):
County (RIDE):
Township (RIDE):
Latitude (RIDE):
Longitude (RIDE):
Original Source: Licensing and Regulatory Affairs Underground Tank List (LARA); Underground Storage Tanks Part 211 (Map)

Department of Licensing and Regulatory Affairs - Tank & Piping Info

Old Tank ID No:	1	Tank Capacity:	15000
New Tank ID No:	UTK-046998-15	Tank Install Date:	05/08/1968
Tank Status:	Removed from Ground	Tank Removal Date:	11/15/1991
Tank Content:	Diesel		
Tank Compartments:			
Tank Release Detection:	Automatic Tank Gauging,Manual (Static) Tank Gauging		
Tank Construction:	Asphalt Coated or Bare Steel,Cathodically Protected Steel		
Impressed Current:			
Piping Release Detection:	Interstitial Monitoring Second Containment		
Piping Material:	Cathodically Protected		
Piping Type:	Suction:Valve at Tank		
Status:	Licensing and Regulatory Affairs Underground Tank List (LARA)		

Old Tank ID No:	3	Tank Capacity:	6000
New Tank ID No:	UTK-012326-15	Tank Install Date:	05/08/1976
Tank Status:	Removed from Ground	Tank Removal Date:	07/09/1991
Tank Content:	Kerosene		
Tank Compartments:			
Tank Release Detection:			
Tank Construction:	Asphalt Coated or Bare Steel,Cathodically Protected Steel		
Impressed Current:			
Piping Release Detection:			
Piping Material:	Unknown		
Piping Type:			
Status:	Licensing and Regulatory Affairs Underground Tank List (LARA)		

Old Tank ID No:	2	Tank Capacity:	15000
New Tank ID No:	UTK-055352-15	Tank Install Date:	05/08/1968
Tank Status:	Removed from Ground	Tank Removal Date:	11/15/1991
Tank Content:	Diesel		
Tank Compartments:			
Tank Release Detection:	Automatic Tank Gauging,Manual (Static) Tank Gauging		
Tank Construction:	Asphalt Coated or Bare Steel,Cathodically Protected Steel		
Impressed Current:			
Piping Release Detection:	Interstitial Monitoring Second Containment		
Piping Material:	Cathodically Protected		
Piping Type:	Suction:Valve at Tank		
Status:	Licensing and Regulatory Affairs Underground Tank List (LARA)		

Old Tank ID No:	4	Tank Capacity:	20000
New Tank ID No:	UTK-032767-15	Tank Install Date:	05/14/1992
Tank Status:	Currently In Use	Tank Removal Date:	
Tank Content:	Kerosene		
Tank Compartments:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Tank Release Detection:		Automatic Tank Gauging,Inter Monitoring/Second Conatinment,Interstitial Monitoring Double Walled Tank/Piping, Inventory Control,Tank Tightness Testing,Vapor Monitoring				
Tank Construction:		Double Walled,Fiberglass Reinforced Plastic				
Impressed Current:						
Piping Release Detection:						
Piping Material:		Double Walled,Fiberglass Reinforced Plastic				
Piping Type:		Suction:Valve at Tank				
Status:		Licensing and Regulatory Affairs Underground Tank List (LARA)				

EGLE Environmental Mapper

Owner ID:	34468	Accuracy:	10
Open LUST:	No	Acc Unit:	METERS
Closed LUST:	Yes	Source:	State of MI
Active Site:	Yes	Shp Type:	POINT
Closed Site:	No	Restrict:	YES
District Name:	Jackson 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:	AT&T Michigan
Owner Address:	308 S Akard Ste 1700
Owner City:	Dallas
Owner State:	TX
Owner Zip:	75202
Owner Phone:	8776482073

76	2 of 2	SE	0.24 / 1,282.31	856.82 / 31	Ann Arbor CO (M65110) 324 E WASHINGTON ST ANN ARBOR MI	LUST
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Facility ID:	00011653	Latitude (RIDE):	
EPA ID:		Longitude (RIDE):	
LUST Name:		County (Map):	Washtenaw
Contaminant Class :		Lat (Map):	42.281328
Regulat Pgm (RIDE):		Long (Map):	-83.745443
County (RIDE):		County:	Washtenaw
Township (RIDE):		EGLE Distri:	Jackson
Facility Name (RIDE):			
Full Address (RIDE):			
Facility City (RIDE):			
Company Name (Map):	Ann Arbor Co		
Address (Map):	324 E Huron St		
City (Map):	Ann Arbor		
ZIP (Map):	48104		
Location Name:	Ann Arbor CO (M65110)		
Street Address:	324 E WASHINGTON ST		
City Village:	ANN ARBOR		
Zip Code:	48104		
Data Source:	LUST List; Leaking Underground Storage Tanks Part 213 Closed (Map)		

LUST Details (EGLE Enviromental Mapper)

Owner ID:	34468	H Datum:	NAD83
Active Site:	Yes	Accuracy:	10
Close Site:	No	Acc Unit:	METERS
Close LUST:	Closed	Shp Type:	POINT
Open LUST:	0	Desc Cater:	Plant Entrance (Freight)
Restrict:	YES	Updated on:	2013-03-07 14:22:12.457
Source:	State of MI	MGR X:	
Col Date:	2003-10-21 00:00:00	MGR Y:	
District:	Jackson District Office		
MOC:	GPS Code Meas. Standard Positioning Service SA Off		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Geometry:		MULTIPOINT (-83.7454383774733 42.281319869139935)				
LUST List						
Release ID:	REL-2440-91					
Release Discovered Date:	1991-11-20 00:00:00.000					
Release Closed Date:	1992-11-16 00:00:00.000					
Date Reported:	1900-01-01 00:00:00.000					
Address Details:	NULL					
Release Status:	Closed					

77	1 of 1	SW	0.25 / 1,301.48	823.44 / -3	Ann Arbor Downtown Development Authority - Ashley and Washington Parking Structure 215 W Washington Ann Arbor MI 48104	ALT FUELS
ID:	74325					
Fuel Type Code:	ELEC: Electric					
Station Phone:	734 994-6697					
Expected Date:						
BD Blends:						
NG PSI:						
Federal Agency ID:						
Open Date:	2015-05-14					
Hydrogen is Retail:						
Federal Agency:						
Facility Type:	PAY_GARAGE					
Dt Last Confirmed:	2022-05-05					
Updated at:	2023-02-14 15:54:11 UTC					
Access Code:	public					
Access Detail Code:						
Groups with Access Code:	Public					
Groups with Access Code Fr:	Public					
Fed Agency Name:						
Hydrogen Status Link:						
E85 Other Ethanol Blends:						
NPS Unit Name:						
Cards Accepted:						
CNG Statn Sells Renewable Na:						
LNG Statn Sells Renewable Na:						
Maximum Vehicle Class:	LD					
RD Blended With Biodiesel:						
RD Blends:						
RD Blends French:						
RD Maximum Biodiesel Level:						
Status:	Open: The station is open.					
Owner Type Desc:	Local government owned					
E85 Blender Pump Desc:						
NG Fill Type Desc:						
NG Vehicle Class Desc:						
Geocode Status Desc:	The location is from a real GPS readout at the station.					
Group with Access Desc:	Publicly available to all customers.					
LPG Primary Desc:						
Intersection Directions:	Washington and Ashley					
Access Days Time:	24 hours daily					
Restricted Access:	false					

78	1 of 2	SSW	0.25 / 1,303.23	833.09 / 7	ASHLEY GROUP LLC 213-215 S ASHLEY ST ANN ARBOR MI 48104	RCRA NON GEN
EPA Handler ID:	MIK939489498					
Gen Status Universe:	No Report					
Contact Name:	BILL KINLEY					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Contact Address: 213-215 S ASHLEY ST , , ANN ARBOR , MI, 48104 , US
Contact Phone No and Ext: 734-487-9640
Contact Email:
Contact Country: US
County Name: WASHTENAW
EPA Region: 05
Land Type: Private
Receive Date: 20011120
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jul 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

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: 20011120
Handler Name: ASHLEY GROUP LLC
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind: Current Operator Type: Private Name: ASHLEY GROUP LLC Date Became Current: 20011120 Date Ended Current: Phone: Source Type: Notification	Street No: Street 1: Street 2: City: State: Country: Zip Code:
Owner/Operator Ind: Current Owner Type: Private Name: ASHLEY GROUP LLC Date Became Current: 20011120 Date Ended Current:	Street No: Street 1: Street 2: City: State:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Phone: Source Type:		Notification		Country: Zip Code:		
78	2 of 2	SSW	0.25 / 1,303.23	833.09 / 7	ASHLEY GROUP LLC 213-215 S ASHLEY ST ANN ARBOR MI 48104	WASTE
WDS ID:		467801				
Site ID:		MIK939489498				
County:		WASHTENAW				
Legal Name:		ASHLEY GROUP LLC				
Contact Name:						
Contact Phone:						
Contact Email:						
79	1 of 4	N	0.25 / 1,334.79	790.50 / -36	700 North Main Street 700 North Main Street Ann Arbor MI 48104	BEA
Facility ID (Web):		Facility ID (Map):		81000646		
Bea No (Web):		Bea No (Map):		81000646-BEA-1		
Fac Name (Web):		Fac Name (Map):		700 North Main Street		
Address (Web):		Address (Map):		700 North Main Street		
City (Web):		City (Map):		Ann Arbor		
Zip (Web):		Zip (Map):		48104		
County (Web):		County (Map):		Washtenaw		
Township (Web):		Township (Map):		NULL		
District (Web):		District (Map):		Jackson		
Latitude (Web):		Latitude (Map):		42.28743538		
Longitude (Web):		Longitude (Map):		-83.74793637		
Data Source (Web):		Data Source (Map):				
Accuracy:		Method of Collect:				
Facility 2:		Object ID:		20875		
Source:		ID:				
Submitted:		DEQ Baseline Environmental Assessment Sites (Map)				
Source:						
79	2 of 4	N	0.25 / 1,334.79	790.50 / -36	700 North Main Street 700 North Main Street Ann Arbor MI 48104	BEA
Facility ID (Web):		Facility ID (Map):		81000646		
Bea No (Web):		Bea No (Map):		81000646-BEA-2		
Fac Name (Web):		Fac Name (Map):		700 North Main Street		
Address (Web):		Address (Map):		700 North Main Street		
City (Web):		City (Map):		Ann Arbor		
Zip (Web):		Zip (Map):		48104		
County (Web):		County (Map):		Washtenaw		
Township (Web):		Township (Map):		NULL		
District (Web):		District (Map):		Jackson		
Latitude (Web):		Latitude (Map):		42.28743538		
Longitude (Web):		Longitude (Map):		-83.74793637		
Data Source (Web):		Data Source (Map):				
Accuracy:		Method of Collect:				
Facility 2:		Object ID:		20876		
Source:		ID:				
Submitted:		DEQ Baseline Environmental Assessment Sites (Map)				
Source:						
79	3 of 4	N	0.25 / 1,334.79	790.50 / -36	700 North Main Street 700 North Main Street Ann Arbor MI 48104	BEA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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): 81000646 Bea No (Map): B201801640JK Fac Name (Map): 700 North Main Street Address (Map): 700 North Main Street City (Map): Ann Arbor Zip (Map): 48104 County (Map): Washtenaw Township (Map): NULL District (Map): Jackson Latitude (Map): 42.28743538 Longitude (Map): -83.74793637 Data Source (Map): Method of Collect: Object ID: 20877 ID:	
DEQ Baseline Environmental Assessment Sites (Map)						

79	4 of 4	N	0.25 / 1,334.79	790.50 / -36	700 North Main Street 700 North Main Street Ann Arbor MI 48104	DELISTED SHWS
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Delisted Part 201 Site List

Facility ID: Baseline Assess No: Site ID: 81000646 Pollutants: Site Name (Map): 700 North Main Street City (Map): Ann Arbor County (Map): Washtenaw Latitude (Map): 42.287435 Longitude (Map): -83.7479363 H Ref Datum: Hzaccms: Scale No: Egle District: Ref Desc: H Ref Moc: OS Descrip: No Known Risks Address (Map): 700 North Main Street Zip Code (Map): 48104 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	Fac Name (Web): Address (Web): County (Web): Township (Web): City (Web): Zip (Web): Latitude (Web): Longitude (Web): Object ID: MGR X: 0.0 MGR Y: 0.0
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80	1 of 1	SSE	0.26 / 1,347.28	855.65 / 30	INTERNATIONAL MINUTE PRESS 301 E LIBERTY ST ANN ARBOR MI 48104	WASTE
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WDS ID:	409625
Site ID:	MIR000003384

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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County: WASHTENAW
Legal Name: PAUL PRINTING SERVICE INC
Contact Name:
Contact Phone:
Contact Email:

81	1 of 2	NE	0.26 / 1,368.10	797.50 / -29	Arcure Motors 617 DETROIT ST ANN ARBOR MI	LUST
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Facility ID:	00017633	Latitude (RIDE):	
EPA ID:		Longitude (RIDE):	
LUST Name:		County (Map):	Washtenaw
Contaminant Class :		Lat (Map):	42.286446
Regulat Pgm (RIDE):		Long (Map):	-83.743792
County (RIDE):		County:	Washtenaw
Township (RIDE):		EGLE Distri:	Jackson
Facility Name (RIDE):			
Full Address (RIDE):			
Facility City (RIDE):			
Company Name (Map):	Arcure Motors		
Address (Map):	617 DETROIT ST		
City (Map):	ANN ARBOR		
ZIP (Map):	48104		
Location Name:	Arcure Motors		
Street Address:	617 DETROIT ST		
City Village:	ANN ARBOR		
Zip Code:	48104		
Data Source:	LUST List; Leaking Underground Storage Tanks Part 213 Closed (Map)		

LUST Details (EGLE Enviromental Mapper)

Owner ID:	23707	H Datum:	NAD83
Active Site:	No	Accuracy:	100
Close Site:	Yes	Acc Unit:	FEET
Close LUST:	Closed	Shp Type:	POINT
Open LUST:	0	Desc Cater:	Plant Entrance (Freight)
Restrict:	YES	Updated on:	2013-03-07 14:22:12.457
Source:	State of MI	MGR X:	
Col Date:	2001-11-01 00:00:00	MGR Y:	
District:	Jackson District Office		
MOC:	Address Matching-House Number		
Geometry:	MULTIPOINT (-83.74378737750473 42.28643786815403)		

LUST List

Release ID:	REL-0771-94
Release Discovered Date:	NULL
Release Closed Date:	1995-02-17 00:00:00.000
Date Reported:	1994-07-22 00:00:00.000
Address Details:	NULL
Release Status:	Closed

81	2 of 2	NE	0.26 / 1,368.10	797.50 / -29	AUTO STRASSE LTD 617 DETROIT ST ANN ARBOR MI 48104	WASTE
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WDS ID: 394497
Site ID: MID016708919
County: WASHTENAW
Legal Name: AUTO STRASSE LTD
Contact Name:
Contact Phone:
Contact Email:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
82	1 of 7	SE	0.26 / 1,393.19	861.17 / 35	202 S Division St MI	BEA
Facility ID (Web): Bea No (Web): 199500006JK Fac Name (Web): Address (Web): 202 S Division St City (Web): Zip (Web): County (Web): Washtenaw Township (Web): Ann Arbor Township District (Web): Jackson Latitude (Web): Longitude (Web): Data Source (Web): BEA Accuracy: Facility 2: Source: Submitted: Source:		Facility ID (Map): Bea No (Map): 199500006JK Fac Name (Map): Address (Map): 202 S Division St City (Map): Zip (Map): County (Map): Washtenaw Township (Map): Ann Arbor Township District (Map): Jackson Latitude (Map): 42.28031559 Longitude (Map): -83.74406099 Data Source (Map): BEA Method of Collect: Geocode Object ID: 6182 ID: 9		DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)		

82	2 of 7	SE	0.26 / 1,393.19	861.17 / 35	202 S Division St Ann Arbor MI 48104	BEA
Facility ID (Web): Bea No (Web): 200500611JK Fac Name (Web): Address (Web): 202 S Division City (Web): Zip (Web): 48104 County (Web): Washtenaw Township (Web): Ann Arbor City District (Web): Jackson Latitude (Web): Longitude (Web): Data Source (Web): BEA Accuracy: Facility 2: Source: Submitted: Source:		Facility ID (Map): Bea No (Map): 200500611JK Fac Name (Map): Address (Map): 202 S Division St City (Map): Ann Arbor Zip (Map): 48104 County (Map): Washtenaw Township (Map): Ann Arbor City District (Map): Jackson Latitude (Map): 42.28032283 Longitude (Map): -83.74404678 Data Source (Map): BEA Method of Collect: Geocode Object ID: 6266 ID: 894		DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)		

82	3 of 7	SE	0.26 / 1,393.19	861.17 / 35	202 S Division St Ann Arbor MI 48104	BEA
Facility ID (Web): Bea No (Web): 200500612JK Fac Name (Web): Address (Web): 202 S Division City (Web): Zip (Web): 48104 County (Web): Washtenaw Township (Web): Ann Arbor City District (Web): Jackson Latitude (Web): Longitude (Web): Data Source (Web): BEA Accuracy: Facility 2:		Facility ID (Map): Bea No (Map): 200500612JK Fac Name (Map): Address (Map): 202 S Division St City (Map): Ann Arbor Zip (Map): 48104 County (Map): Washtenaw Township (Map): Ann Arbor City District (Map): Jackson Latitude (Map): 42.28032283 Longitude (Map): -83.74404678 Data Source (Map): BEA Method of Collect: Geocode Object ID: 6275				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Source:				ID:	895	
Submitted:						
Source:					DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)	

82	4 of 7	SE	0.26 / 1,393.19	861.17 / 35	202 S Division St Ann Arbor MI 48104	BEA
Facility ID (Web):				Facility ID (Map):		
Bea No (Web):	200500613JK			Bea No (Map):	200500613JK	
Fac Name (Web):				Fac Name (Map):		
Address (Web):	202 S Division			Address (Map):	202 S Division St	
City (Web):				City (Map):	Ann Arbor	
Zip (Web):	48104			Zip (Map):	48104	
County (Web):	Washtenaw			County (Map):	Washtenaw	
Township (Web):	Ann Arbor City			Township (Map):	Ann Arbor City	
District (Web):	Jackson			District (Map):	Jackson	
Latitude (Web):				Latitude (Map):	42.28032283	
Longitude (Web):				Longitude (Map):	-83.74404678	
Data Source (Web):	BEA			Data Source (Map):	BEA	
Accuracy:				Method of Collect:	Geocode	
Facility 2:				Object ID:	6267	
Source:				ID:	896	
Submitted:						
Source:					DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)	

82	5 of 7	SE	0.26 / 1,393.19	861.17 / 35	202 S Division St # 212 Ann Arbor MI 48104	BEA
Facility ID (Web):				Facility ID (Map):		
Bea No (Web):	200800894JK			Bea No (Map):	200800894JK	
Fac Name (Web):				Fac Name (Map):		
Address (Web):	202 & 212 S Division			Address (Map):	202 S Division St # 212	
City (Web):				City (Map):	Ann Arbor	
Zip (Web):	48104			Zip (Map):	48104	
County (Web):	Washtenaw			County (Map):	Washtenaw	
Township (Web):	Ann Arbor City			Township (Map):	Ann Arbor City	
District (Web):	Jackson			District (Map):	Jackson	
Latitude (Web):				Latitude (Map):	42.28032283	
Longitude (Web):				Longitude (Map):	-83.74404678	
Data Source (Web):	BEA			Data Source (Map):	BEA	
Accuracy:				Method of Collect:	Geocode	
Facility 2:				Object ID:	6301	
Source:				ID:	1193	
Submitted:						
Source:					DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)	

82	6 of 7	SE	0.26 / 1,393.19	861.17 / 35	Campus Auto 202 S Division St Ann Arbor MI	LUST
Facility ID:	00038007			Latitude (RIDE):		
EPA ID:				Longitude (RIDE):		
LUST Name:				County (Map):	Washtenaw	
Contaminant Class :				Lat (Map):	42.280187	
Regulat Pgm (RIDE):				Long (Map):	-83.744285	
County (RIDE):				County:	Washtenaw	
Township (RIDE):				EGLE Distri:	Jackson	
Facility Name (RIDE):						
Full Address (RIDE):						
Facility City (RIDE):						
Company Name (Map):	Campus Auto					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Address (Map):		202 S Division St				
City (Map):		Ann Arbor				
ZIP (Map):		48104				
Location Name:		Campus Auto				
Street Address:		202 S Division St				
City Village:		Ann Arbor				
Zip Code:		48104				
Data Source:		LUST List; Leaking Underground Storage Tanks Part 213 Closed (Map)				

LUST Details (EGLE Enviromental Mapper)

Owner ID:	26649	H Datum:	NAD83
Active Site:	No	Accuracy:	100
Close Site:	Yes	Acc Unit:	FEET
Close LUST:	Closed	Shp Type:	POINT
Open LUST:	0	Desc Cater:	Plant Entrance (Freight)
Restrict:	YES	Updated on:	2013-03-07 14:22:12.457
Source:	State of MI	MGR X:	
Col Date:	2001-11-01 00:00:00	MGR Y:	
District:	Jackson District Office		
MOC:	Address Matching-House Number		
Geometry:	MULTIPOINT (-83.74428037793261 42.280178869281954)		

LUST List

Release ID:	REL-1075-94
Release Discovered Date:	NULL
Release Closed Date:	1995-02-27 00:00:00.000
Date Reported:	1994-09-23 00:00:00.000
Address Details:	NULL
Release Status:	Closed

82	7 of 7	SE	0.26 / 1,393.19	861.17 / 35	202 and 212 South Division 202 and 212 South Division City of Ann Arbor MI 48104	FED BROWNFIELDS
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Property ID:	82001	BF Property (Map):	82001
Lat Measure:	42.28075	Latitude (Map):	42.28075
Long Measure:	-83.74447	Longitude (Map):	-83.74447
Property Name:	202 and 212 South Division		
Address:	202 and 212 South Division		
City:	City of Ann Arbor		
State Code:	MI		
Zip Code:	48104		
Primary Name (Map):	202 AND 212 SOUTH DIVISION		
Location Address (Map):	202 AND 212 SOUTH DIVISION		
City Name (Map):	CITY OF ANN ARBOR		
County Name (Map):	WASHTENAW		
State Code (Map):	MI		
Postal Code (Map):	48104		

Brownfields Details

Registry I:	110038736767	EPA ID:	
EPA Region:	05	BF RLF Gra:	
Cat No:	04090005	BF RLF Pil:	
RCRA Handl:		BF Assess :	
RCRA Curre:		BF Cleanup:	
RCRA Remed:		BF Tba Ind:	
RCRA Const:		BF 128a In:	
RCRA El He:		BF IC Code:	U
RCRA El Gm:		BF IC Gc I:	U
RCRA Rem 1:		BF IC Ep I:	U
RCRA Ec Gw:		BF IC ID I:	U
RCRA Ec Ng:		BF IC Pr I:	U

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
RCRA IC Ep:					FF Brac In:	
RCRA IC Gc:					BF RLF Ind:	
RCRA IC ID:					BF Assess1:	Y
RCRA IC Pr:					BF Multipu:	
FF RCRA In:					BF Awp Ind:	
RCRA Trans:					BF Showcas:	
RCRA Tra 1:					BF 128a P :	
RCRA Ec Co:					LUST Relea:	
RCRA IC Co:					LUST Award:	
RCRA Gpra :					LUST State:	
RCRA Rem 2:					Congressio:	MI-12
RCRA Dru 1:					FD Agency :	
SF Site ID:					FD Listing:	
SF Ec Ind:					FD Non NPL:	
SF EI Gm C:					FD RCRA Ha:	
SF EI He C:					FD RCRA Ca:	
SF IC Ind:					FD SF NPL :	
SF NPL Cod:					FD FF Ind:	
SF NPL C 1:					FD Ej Code:	
SF Admin F:					FD Brac In:	
FF And Sit:					FD Federal:	
FF SF Ind:					FD Hrs Sco:	
Map Symbol:	B				FD Ongoing:	
Data Refre:	29-Jul-2022				FD NPL Sta:	
GIS Refres:					FD Non N 1:	
New Site:					FD RCRA Gw:	
Repow Ref :	https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER::::P33_REF:31969				FD RCRA He:	
EPAOSC Sit:					FD GMS Sur:	
EPAOSC Res:					FD Hes Sur:	
EPAOSC R 1:					FD SF Site:	
EPAOSC Sta:					FD Brac Ro:	
EPAOSC Inc:					Stimulus S:	
Desc :					Stimulus B:	
Ind Name:						
Cat Name:		Huron				
Sub Name:		Huron				
Primary Name:		202 AND 212 SOUTH DIVISION				
RCRA Drupa:						
Url:					https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%2282001.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page	
Census Url:					https://ejsscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-83.74446999999999%2C42.28075&featype=point&radius=1.0	
ACS Url:					https://ejsscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-83.74446999999999%2C42.28075&featype=point&radius=1.0	
SF Site Na:					UST Status:	
SF Non Npl:					UST Substa:	
SF Non N 1:					UST Landus:	
SF Non N 3:					UST SPA Wa:	
ERR Lat Lo:					UST SPA Fa:	
REPOW BF:	SG				UST WHPA W:	
REPOW SF:					UST WHPA F:	
REPOW RCRA:					UST Open:	
REPOW Ref1:	31969				UST Closed:	
RCRA Han 1:					LUST ID:	
RCRA Rau I:					Saa Site:	
BF Propert:		82001-				
REPOW Re 1:		RE-Powering Site Profile				
BF Prope 1:		202 and 212 South Division				
SF Non N 2:						
Cleanups In My Community (CIMC)						
Grant ID:	69598398				ASMT Cntrl Sub :	
Grant Type:	Assessment				Cleanup Cntrl Sub :	
EPA Region:	05				ASMT Asbestos :	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Ownership Entity:	Private				Cleanup Asbestos :	
Latitude Measure:	42.28075				ASMT PcbS :	
Longitude Measure:	-83.74447				Cleanup PcbS :	
Flag Cleanup Reqcd:	Y				ASMT VocS :	
Flag IC Required:					Cleanup VocS :	
Stcntrbg:					ASMT Lead :	Y
Property Size:	.2				Cleanup Lead :	
Flag IC in Place:					ASMT Oth Metal :	
IC in Place Date:					Cleanup Oth Metal :	
Prop Cntrl :					ASMT Pahs :	
Gov Cntrl :					Cleanup Pahs :	
Permit Tools :					ASMT Oth Cont:	
Info Dev/Ces :					Cleanup Oth Cont:	
Prop Fndng Type Cd:	Petroleum				ASMT Air :	
Ownshp Changed :	N				Cleanup Air :	
Sflp Factor :					ASMT Drk Wat:	
Source Mapscale No:					Cleanup Drk Wat:	
Past Cml Acres:	.2				ASMT Grd Water:	
Future Cml Acres:					Cleanup Grd Water:	
Past Grnspc Acres:					ASMT Sediments :	
Future Grnspc Acres:					Cleanup Sediments :	
Past Acres:					ASMT Soil :	Y
Future Acres:					Cleanup Soil :	
Past Res Acres:					ASMT Srf Water :	
Future Res Acres:					Cleanup Srf Water :	
St Enrollment Dt:					Other Media :	
St Enrollment ID:					Unknown Media :	
St NFA Dt:					Ready For Reuse :	N
Assess Petrol Prod :					Assess Amount:	4055
Cleanup Petrol Prod :					Assess Fnd Ent Nm:	EPA
Assess Start Dt:	04/02/2008				Photo Available :	Y
Assess Cmpltn Dt:	04/21/2008				Video Available :	N
Cleanup Start Dt:					Cleanup Acres:	
Cleanup Cmpltn Dt:					Cleanup Amount:	
Redev Start Dt:					Redev Acres:	
Redev Cleanup Jobs:					Redev Amount:	
Grant Recipient Nm:	Washtenaw County					
PropertyNm:	202 and 212 South Division					
Address:	202 and 212 South Division					
City:	City of Ann Arbor					
State Code:	MI					
Zip Code:	48104					
Local Parcel No:	09-09-29-112-003 and 09-09-29-112-004					
Current Owner:	First ADT, LLC					
IC Data Address:						
Horizontal Collection Method:						
Reference Point:						
Horizontal Reference Datum:	World Geodetic System of 1984					
Other Description:						
Other Desc Cleaned Up:						
Assess Type:	Phase II Environmental Assessment					
Assess Fund Entity:	US EPA - Brownfields Assessment Cooperative Agreement					
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Redev Funding Entity Nm:						
Desc Hist:	Past Use: residential; commerical automobile retail. Currently a parking lot with small commercial building.					
Accmplisht Cnt Flag:	Y				Vacant Housing:	522
Coop Agreement No:	96583901				Vacant Housing Pct:	12.97
Past Mltistry Acres:					Total Unemployed:	450
Ftr Multistory Acres:					Unemployed Pct:	4.89
Assess Cadmium :					Radius:	.5
Clnup Cadmium :					Actvy Funded:	
Assess Chromium :					Redev Lvrgd Srcs:	
Clnup Chromium :					AA Amt Funding:	
Assess Copper :					Flag Clnup Trmt Tech:	
Clnup Copper :					Excavation Disposal:	
Assess Iron :					Extrctn of Cntmnts:	
Clnup Iron :					Removal of Mats:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Assess Nickel :					Rdctn of Cntmnts:	
Clnup Nickel :					Clnup of Structures:	
Assess Selenium :					Env EC Required:	
Clnup Selenium :					Flag EC Cover Tech:	
Assess Mercury :					Flag EC Security:	
Clnup Mercury :					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC Eng Barriers:	
Clnup ArsenIC :					Flag EC Other:	
Assess Bldg Mats :					Env IC in Place:	
Clnup Bldg Mats :					Env EC in Place:	
Assess oorair :					Env Clnup Jobs:	
Clnup oorair :					Sect 128 A State Trbl:	
Assess None :					Multipurpose:	
Clnup None :					Clnup Cst Shr Amt:	
Assess Pesticides :					RLF Loan Amount:	
Clnup Pesticides :					RLF Ln Cst Shr Amt:	
Assess Unknown :					Pro Income Amt:	
Clnup Unknown :					Dt RLF Loan Signed:	
Assess Svocs :					Repayment Period:	
Clnup Svocs :					Interest Rate:	
Clnup Unkn Media :					RLF Subgrant Amt:	
Redev Cmpltn Date:					Cost Share Amt:	
Pro Code:	BF				Env Pro Income Amt:	
FCA Fy:	FY08				Dt RLF Sbrgrnt Signd:	
Flag EC in Place:					Clnup Actvy Funded:	
Flag EC Required:					Below Poverty:	4102
RFR Notation:					Below Poverty Pct:	44.56
Gpa Type ID:	2				Median Income:	6676
Clnup Doc:	N				Low Income:	5345
Awp Catalyst Yn:					Low Income Pct:	58.06
Flag Prop Not Enrld:	Y					
Redev Fund Entity:						
Gpa Type Desc:		Phase II Environmental Assessment				
AA Actvy Funded:						
AA Source of Funding:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
Other Forms of Doc:						
IC Addl Info:						
Highlights:		Former Use: Past Use: residential; commerical automobile retail. Currently a parking lot with small commercial building.				
Property Alias:						
Ctmnt Found:		Lead				
Ctmnt Cleanedup:						
Ctmnt Rec:						
Media Affected:						
Soil						

[83](#) 1 of 1 SSW 0.26 / 1,397.00 840.42 / 14 295 South Main Street MI BEA

Facility ID (Web):		Facility ID (Map):	
Bea No (Web):	199900192JK	Bea No (Map):	
Fac Name (Web):		Fac Name (Map):	
Address (Web):	295 South Main Street	Address (Map):	
City (Web):		City (Map):	
Zip (Web):		Zip (Map):	
County (Web):	Washtenaw	County (Map):	
Township (Web):	Chelsea Village	Township (Map):	
District (Web):	Jackson	District (Map):	
Latitude (Web):		Latitude (Map):	
Longitude (Web):		Longitude (Map):	
Data Source (Web):	BEA	Data Source (Map):	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Accuracy: Facility 2: Source: Submitted: Source:				Method of Collect: Object ID: ID: DEQ Inventory of Facilities (Web)		

[84](#) 1 of 1 SE 0.27 / 1,411.74 863.37 / 37 202 S Division 202 S Division, MI, 48104 MI SHWS

EPA ID:
Facility ID (Web): 81000708
Site ID (Map): 81000708
Regulatory Program: 201
Lust Name:
Project Manager: Wilde, Dan
Release Status:
Pollutants:
Fac Name (Web): 202 S Division
Address (Web): 202 S Division, MI, 48104
City (Web):
Township (Web): Ann Arbor City
County (Web): Washtenaw
Latitude (Web): 42.2803
Longitude (Web): -83.744
Site Name (Map): 202 S Division
Address (Map): 202 S Division
City (Map):
Zip Code (Map): 48104
County (Map): Washtenaw
Latitude (Map): 42.2803
Longitude (Map): -83.744
US Congressional District:
H Ref Datum:
H Ref Moc:
OS Descip: Risks Not Determined
Ref Desc:
Risk Condition: Risks Not Determined
Data Source: DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)

[85](#) 1 of 1 SE 0.27 / 1,411.77 862.50 / 36 202 & 212 S Division 202 & 212 S Division, MI, 48104 MI SHWS

EPA ID:
Facility ID (Web): 81000706
Site ID (Map): 81000706
Regulatory Program: 201
Lust Name:
Project Manager: Wilde, Dan
Release Status:
Pollutants:
Fac Name (Web): 202 & 212 S Division
Address (Web): 202 & 212 S Division, MI, 48104
City (Web):
Township (Web): Ann Arbor City
County (Web): Washtenaw
Latitude (Web): 42.2803
Longitude (Web): -83.744
Site Name (Map): 202 & 212 S Division
Address (Map): 202 & 212 S Division
City (Map):
Zip Code (Map): 48104
County (Map): Washtenaw
Latitude (Map): 42.2803

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Longitude (Map):		-83.744				
US Congressional District:						
H Ref Datum:						
H Ref Moc:						
OS Descrip:	Risks Not Determined					
Ref Desc:						
Risk Condition:	Risks Not Determined					
Data Source:	DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)					

86	1 of 2	SE	0.27 / 1,420.55	865.23 / 39	411 E Washington St Apt 401 Ann Arbor MI 48104	BEA
Facility ID (Web):					Facility ID (Map):	
Bea No (Web):	200600742JK				Bea No (Map):	200600742JK
Fac Name (Web):					Fac Name (Map):	
Address (Web):	401 & 411 E Washington				Address (Map):	411 E Washington St Apt 401
City (Web):					City (Map):	Ann Arbor
Zip (Web):	48104				Zip (Map):	48104
County (Web):	Washtenaw				County (Map):	Washtenaw
Township (Web):	Ann Arbor City				Township (Map):	Ann Arbor City
District (Web):	Jackson				District (Map):	Jackson
Latitude (Web):					Latitude (Map):	42.28040002
Longitude (Web):					Longitude (Map):	-83.74374318
Data Source (Web):	BEA				Data Source (Map):	BEA
Accuracy:					Method of Collect:	Geocode
Facility 2:					Object ID:	6285
Source:					ID:	1018
Submitted:						
Source:	DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)					

86	2 of 2	SE	0.27 / 1,420.55	865.23 / 39	411 East Washington Street MI 48104	BEA
Facility ID (Web):	81000655				Facility ID (Map):	
Bea No (Web):	201701622JK				Bea No (Map):	
Fac Name (Web):					Fac Name (Map):	
Address (Web):	411 East Washington Street				Address (Map):	
City (Web):					City (Map):	
Zip (Web):	48104				Zip (Map):	
County (Web):	Washtenaw				County (Map):	
Township (Web):	Ann Arbor City				Township (Map):	
District (Web):	Jackson				District (Map):	
Latitude (Web):	42.28064				Latitude (Map):	
Longitude (Web):	-83.74358				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)					

87	1 of 1	SE	0.27 / 1,421.82	863.70 / 38	401 & 411 E Washington 401 & 411 East Washington Street, Ann Arbor, MI, 48104 MI	SHWS
EPA ID:					Source:	
Facility ID (Web):	81000783				EGLE District:	
Site ID (Map):	81000783				House District:	Yousef Rabhi
Regulatory Program:	201				Senate District:	Jeff Irwin
Lust Name:					Hzaccms:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Project Manager: Wilde, Dan Scale No: Release Status: MGR X: Pollutants: MGR Y: Fac Name (Web): 401 & 411 E Washington Address (Web): 401 & 411 East Washington Street, Ann Arbor, MI, 48104 City (Web): Ann Arbor Township (Web): County (Web): Washtenaw Latitude (Web): 42.28043807 Longitude (Web): -83.74372711 Site Name (Map): 401 & 411 E Washington Address (Map): 401 & 411 East Washington Street City (Map): Ann Arbor Zip Code (Map): 48104 County (Map): Washtenaw Latitude (Map): 42.280438 Longitude (Map): -83.7437271 US Congressional District: Debbie Dingell H Ref Datum: H Ref Moc: OS Descrip: Risks Not Determined Ref Desc: Risk Condition: Risks Not Determined Data Source: DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)						

88	1 of 1	SE	0.28 / 1,464.94	865.28 / 39	411 East Washington St 411 East Washington Street, Ann Arbor, MI, 48104 MI	SHWS
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EPA ID: Facility ID (Web): 81000655 Source: Site ID (Map): 81000655 EGLD District: Regulatory Program: 201 House District: Yousef Rabhi Senate District: Jeff Irwin Lust Name: Hzaccms: Project Manager: Miller, Mary Scale No: Release Status: MGR X: Pollutants: MGR Y: Fac Name (Web): 411 East Washington St Address (Web): 411 East Washington Street, Ann Arbor, MI, 48104 City (Web): Ann Arbor Township (Web): County (Web): Washtenaw Latitude (Web): 42.28066467 Longitude (Web): -83.74355525 Site Name (Map): 411 East Washington St Address (Map): 411 East Washington Street City (Map): Ann Arbor Zip Code (Map): 48104 County (Map): Washtenaw Latitude (Map): 42.280665 Longitude (Map): -83.7435552 US Congressional District: Debbie Dingell H Ref Datum: H Ref Moc: OS Descrip: Risks Present and Require Action in Short-term Ref Desc: Risk Condition: Risks Present and Require Action in Short-term Data Source: DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)						
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89	1 of 2	WSW	0.28 / 1,476.69	798.35 / -28	Illis Service 401 W HURON ST ANN ARBOR MI	LUST
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Facility ID: 50001678	Latitude (RIDE):
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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EPA ID:					Longitude (RIDE):	
LUST Name:					County (Map):	Washtenaw
Contaminant Class :					Lat (Map):	42.28138
Regulat Pgm (RIDE):					Long (Map):	-83.752923
County (RIDE):					County:	Washtenaw
Township (RIDE):					EGLE Distri:	Jackson
Facility Name (RIDE):						
Full Address (RIDE):						
Facility City (RIDE):						
Company Name (Map):	Illis Service					
Address (Map):	401 W Huron St					
City (Map):	Ann Arbor					
ZIP (Map):	48103					
Location Name:	Illis Service					
Street Address:	401 W HURON ST					
City Village:	ANN ARBOR					
Zip Code:	48103					
Data Source:	LUST List; Leaking Underground Storage Tanks Part 213 Closed (Map)					

LUST Details (EGLE Enviromental Mapper)

Owner ID:	18949	H Datum:	NAD83
Active Site:	No	Accuracy:	100
Close Site:	Yes	Acc Unit:	FEET
Close LUST:	Closed	Shp Type:	POINT
Open LUST:	0	Desc Cater:	Plant Entrance (Freight)
Restrict:	YES	Updated on:	2013-03-07 14:22:12.457
Source:	State of MI	MGR X:	
Col Date:	2001-11-01 00:00:00	MGR Y:	
District:	Jackson District Office		
MOC:	Address Matching-House Number		
Geometry:	MULTIPOINT (-83.75291837518299 42.281371869512)		

LUST List

Release ID:	REL-0445-85
Release Discovered Date:	NULL
Release Closed Date:	1994-08-08 00:00:00.000
Date Reported:	1900-01-01 00:00:00.000
Address Details:	NULL
Release Status:	Closed

89	2 of 2	WSW	0.28 / 1,476.69	798.35 / -28	ILLIS AUTO SERVICE 401 W HURON ST ANN ARBOR MI 48103	WASTE
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WDS ID:	453032
Site ID:	MIG000020521
County:	WASHTENAW
Legal Name:	ILLIS AUTO SERVICE
Contact Name:	
Contact Phone:	
Contact Email:	

90	1 of 1	SSE	0.29 / 1,507.71	856.16 / 30	SEVA INC 314 E LIBERTY ST ANN ARBOR MI 48104	WASTE
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WDS ID:	489691
Site ID:	MIK593761067
County:	WASHTENAW
Legal Name:	SEVA INC
Contact Name:	
Contact Phone:	

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

91	1 of 1	SW	0.29 / 1,535.50	817.46 / -9	226 West Liberty 226 West Liberty Ann Arbor MI 48104	FED BROWNFIELDS
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Property ID:	37481	BF Property (Map):	37481
Lat Measure:	42.2799	Latitude (Map):	42.2799
Long Measure:	-83.75088	Longitude (Map):	-83.75088
Property Name:	226 West Liberty		
Address:	226 West Liberty		
City:	Ann Arbor		
State Code:	MI		
Zip Code:	48104		
Primary Name (Map):	226 WEST LIBERTY		
Location Address (Map):	226 WEST LIBERTY		
City Name (Map):	ANN ARBOR		
County Name (Map):	WASHTENAW		
State Code (Map):	MI		
Postal Code (Map):	48104		

Brownfields Details

Registry I:	110038707628	EPA ID:	
EPA Region:	05	BF RLF Gra:	
Cat No:	04090005	BF RLF Pil:	
RCRA Handl:		BF Assess :	
RCRA Curre:		BF Cleanup:	
RCRA Remed:		BF Tba Ind:	
RCRA Const:		BF 128a In:	
RCRA El He:		BF IC Code:	N
RCRA El Gm:		BF IC Gc I:	U
RCRA Rem 1:		BF IC Ep I:	U
RCRA Ec Gw:		BF IC ID I:	U
RCRA Ec Ng:		BF IC Pr I:	U
RCRA IC Ep:		FF Brac In:	
RCRA IC Gc:		BF RLF Ind:	
RCRA IC ID:		BF Assess1:	Y
RCRA IC Pr:		BF Multipu:	
FF RCRA In:		BF Awp Ind:	
RCRA Trans:		BF Showcas:	
RCRA Tra 1:		BF 128a P :	
RCRA Ec Co:		LUST Relea:	
RCRA IC Co:		LUST Award:	
RCRA Gpra :		LUST State:	
RCRA Rem 2:		Congressio:	MI-12
RCRA Dru 1:		FD Agency :	
SF Site ID:		FD Listing:	
SF Ec Ind:		FD Non NPL:	
SF El Gm C:		FD RCRA Ha:	
SF El He C:		FD RCRA Ca:	
SF IC Ind:		FD SF NPL :	
SF NPL Cod:		FD FF Ind:	
SF NPL C 1:		FD Ej Code:	
SF Admin F:		FD Brac In:	
FF And Sit:		FD Federal:	
FF SF Ind:		FD Hrs Sco:	
Map Symbol:	B	FD Ongoing:	
Data Refre:	29-Jul-2022	FD NPL Sta:	
GIS Refres:		FD Non N 1:	
New Site:		FD RCRA Gw:	
Repow Ref :	https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER::::::P33_REF:12022	FD RCRA He:	
EPAOSC Sit:		FD GMS Sur:	
EPAOSC Res:		FD Hes Sur:	
EPAOSC R 1:		FD SF Site:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
EPAOSC Sta:					FD Brac Ro:	
EPAOSC Inc:					Stimulus S:	
Desc :					Stimulus B:	
Ind Name:						
Cat Name:		Huron				
Sub Name:		Huron				
Primary Name:		226 WEST LIBERTY				
RCRA Drupa:						
Url:					https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%2237481.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page	
Census Url:					https://ejsscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-83.75088%2C42.279900000000005&featype=point&radius=1.0	
ACS Url:					https://ejsscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-83.75088%2C42.279900000000005&featype=point&radius=1.0	
SF Site Na:					UST Status:	
SF Non Npl:					UST Substa:	
SF Non N 1:					UST Landus:	
SF Non N 3:					UST SPA Wa:	
ERR Lat Lo:					UST SPA Fa:	
REPOW BF:	SG				UST WHPA W:	
REPOW SF:					UST WHPA F:	
REPOW RCRA:					UST Open:	
REPOW Ref1:	12022				UST Closed:	
RCRA Han 1:					LUST ID:	
RCRA Rau I:					Saa Site:	
BF Propert:		37481-				
REPOW Re 1:		RE-Powering Site Profile				
BF Prope 1:		226 West Liberty				
SF Non N 2:						

Cleanups In My Community (CIMC)

Grant ID:	69598398	ASMT Cntrl Sub :	
Grant Type:	Assessment	Cleanup Cntrl Sub :	
EPA Region:	05	ASMT Asbestos :	
Ownership Entity:	Private	Cleanup Asbestos :	
Latitude Measure:	42.2799	ASMT PcbS :	
Longitude Measure:	-83.75088	Cleanup PcbS :	
Flag Cleanup Reqcd:	Y	ASMT Vocs :	
Flag IC Required:	N	Cleanup Vocs :	
Stcncrbg:		ASMT Lead :	Y
Property Size:	.2	Cleanup Lead :	
Flag IC in Place:	N	ASMT Oth Metal :	
IC in Place Date:		Cleanup Oth Metal :	
Prop Cntrl :		ASMT Pahs :	
Gov Cntrl :		Cleanup Pahs :	
Permit Tools :		ASMT Oth Cont:	
Info DevICes :		Cleanup Oth Cont:	
Prop Fnding Type Cd:	Petroleum	ASMT Air :	
Ownshp Changed :	N	Cleanup Air :	
Sflp Factor :		ASMT Drk Wat:	
Source Mapscale No:		Cleanup Drk Wat:	
Past Cml Acres:	.2	ASMT Grd Water:	
Future Cml Acres:	.2	Cleanup Grd Water:	
Past Grnspc Acres:		ASMT Sediments :	
Future Grnspc Acres:		Cleanup Sediments :	
Past Acres:		ASMT Soil :	
Future Acres:		Cleanup Soil :	
Past Res Acres:		ASMT Srf Water :	
Future Res Acres:		Cleanup Srf Water :	
St Enrollment Dt:		Other Media :	
St Enrollment ID:		Unknown Media :	
St NFA Dt:		Ready For Reuse :	N
Assess Petrol Prod :		Assess Amount:	5525
Cleanup Petrol Prod :		Assess Fnd Ent Nm:	PMA Consultants, LLC
Assess Start Dt:	10/24/2006	Photo Available :	Y

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Assess Cmpltn Dt:	11/15/2006				Video Available :	N
Cleanup Start Dt:					Cleanup Acres:	
Cleanup Cmpltn Dt:					Cleanup Amount:	
Redev Start Dt:					Redev Acres:	
Redev Cleanup Jobs:					Redev Amount:	
Grant Recipient Nm:		Washtenaw County				
PropertyNm:		226 West Liberty				
Address:		226 West Liberty				
City:		Ann Arbor				
State Code:		MI				
Zip Code:		48104				
Local Parcel No:		09-09-29-224-002				
Current Owner:		Dr. Gui Ponce de Leon				
IC Data Address:						
Horizontal Collection Method:						
Reference Point:						
Horizontal Reference Datum:		North American Datum of 1983				
Other Description:						
Other Desc Cleaned Up:						
Assess Type:		Phase II Environmental Assessment				
Assess Fund Entity:		Private/Other Funding				
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Redev Funding Entity Nm:						
Desc Hist:		Mainly an Auto Repair and Body Shop				
Accmplisht Cnt Flag:	N				Vacant Housing:	381
Coop Agreement No:	96583901				Vacant Housing Pct:	9.54
Past Mltistry Acres:					Total Unemployed:	321
Ftr Multistory Acres:					Unemployed Pct:	4.29
Assess Cadmium :					Radius:	.5
Clnup Cadmium :					Actvy Funded:	
Assess Chromium :					Redev Lvrgd Srcs:	
Clnup Chromium :					AA Amt Funding:	11800
Assess Copper :					Flag Clnup Trmt Tech:	
Clnup Copper :					Excavation Disposal:	
Assess Iron :					Extrctn of Cntmnts:	
Clnup Iron :					Removal of Mats:	
Assess Nickel :					Rdctn of Cntmnts:	
Clnup Nickel :					Clnup of Structures:	
Assess Selenium :					Env EC Required:	
Clnup Selenium :					Flag EC Cover Tech:	
Assess Mercury :					Flag EC Security:	
Clnup Mercury :					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC Eng Barriers:	
Clnup ArsenIC :					Flag EC Other:	
Assess Bldg Mats :					Env IC in Place:	N
Clnup Bldg Mats :					Env EC in Place:	
Assess oorair :					Env Clnup Jobs:	
Clnup oorair :					Sect 128 A State Trbl:	
Assess None :					Multipurpose:	
Clnup None :					Clnup Cst Shr Amt:	
Assess Pesticides :					RLF Loan Amount:	
Clnup Pesticides :					RLF Ln Cst Shr Amt:	
Assess Unknown :					Pro Income Amt:	
Clnup Unknown :					Dt RLF Loan Signed:	
Assess Svocs :					Repayment Period:	
Clnup Svocs :					Interest Rate:	
Clnup Unkn Media :					RLF Subgrant Amt:	
Redev Cmpltn Date:					Cost Share Amt:	
Pro Code:	BF				Env Pro Income Amt:	
FCA Fy:					Dt RLF Sbrnt Signd:	
Flag EC in Place:					Clnup Actvy Funded:	
Flag EC Required:					Below Poverty:	3388
RFR Notation:					Below Poverty Pct:	45.28
Gpa Type ID:	2				Median Income:	5186
Clnup Doc:	N				Low Income:	4387
Awp Catalyst Yn:					Low Income Pct:	58.63
Flag Prop Not Enrld:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Redev Fund Entity:
Gpa Type Desc: Phase II Environmental Assessment
AA Actvy Funded:
AA Source of Funding: Private/Other Funding
Clnup Trmt Tech Info:
EC Data Address:
EC Addl Info:
Env IC Data Address:
Other Forms of Doc:
IC Addl Info:
Highlights: Former Use: Mainly an Auto Repair and Body Shop
Property Alias:
Ctmnt Found: Lead
Ctmnt Cleanedup:
Ctmnt Rec:
Media Affected:

Cleanups In My Community (CIMC)

Grant ID:	69598398	ASMT Cntrl Sub :	
Grant Type:	Assessment	Cleanup Cntrl Sub :	
EPA Region:	05	ASMT Asbestos :	
Ownership Entity:	Private	Cleanup Asbestos :	
Latitude Measure:	42.2799	ASMT Pchs :	
Longitude Measure:	-83.75088	Cleanup Pchs :	
Flag Cleanup Reqd:	Y	ASMT Vocs :	
Flag IC Required:	N	Cleanup Vocs :	
Stcntrbg:		ASMT Lead :	Y
Property Size:	.2	Cleanup Lead :	
Flag IC in Place:	N	ASMT Oth Metal :	
IC in Place Date:		Cleanup Oth Metal :	
Prop Cntrl :		ASMT Pahs :	
Gov Cntrl :		Cleanup Pahs :	
Permit Tools :		ASMT Oth Cont:	
Info DevICes :		Cleanup Oth Cont:	
Prop Fnding Type Cd:	Petroleum	ASMT Air :	
Ownshp Changed :	N	Cleanup Air :	
Sflp Factor :		ASMT Drk Wat:	
Source Mapscale No:		Cleanup Drk Wat:	
Past Cml Acres:	.2	ASMT Grd Water:	
Future Cml Acres:	.2	Cleanup Grd Water:	
Past Grnspc Acres:		ASMT Sediments :	
Future Grnspc Acres:		Cleanup Sediments :	
Past Acres:		ASMT Soil :	
Future Acres:		Cleanup Soil :	
Past Res Acres:		ASMT Srf Water :	
Future Res Acres:		Cleanup Srf Water :	
St Enrollment Dt:		Other Media :	
St Enrollment ID:		Unknown Media :	
St NFA Dt:		Ready For Reuse :	N
Assess Petrol Prod :		Assess Amount:	6275
Cleanup Petrol Prod :		Assess Fnd Ent Nm:	
Assess Start Dt:	10/24/2006	Photo Available :	Y
Assess Cmpltn Dt:	11/15/2006	Video Available :	N
Cleanup Start Dt:		Cleanup Acres:	
Cleanup Cmpltn Dt:		Cleanup Amount:	
Redev Start Dt:		Redev Acres:	
Redev Cleanup Jobs:		Redev Amount:	
Grant Recipient Nm:	Washtenaw County		
PropertyNm:	226 West Liberty		
Address:	226 West Liberty		
City:	Ann Arbor		
State Code:	MI		
Zip Code:	48104		
Local Parcel No:	09-09-29-224-002		
Current Owner:	Dr. Gui Ponce de Leon		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
IC Data Address:						
Horizontal Collection Method:						
Reference Point:						
Horizontal Reference Datum:		North American Datum of 1983				
Other Description:						
Other Desc Cleaned Up:						
Assess Type:		Phase II Environmental Assessment				
Assess Fund Entity:		US EPA - Brownfields Assessment Cooperative Agreement				
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Redev Funding Entity Nm:		Mainly an Auto Repair and Body Shop				
Desc Hist:						
Accmplisht Cnt Flag: N						
Coop Agreement No: 96583901		Vacant Housing: 381				
Past Mltistry Acres:		Vacant Housing Pct: 9.54				
Ftr Multistory Acres:		Total Unemployed: 321				
Assess Cadmium :		Unemployed Pct: 4.29				
Clnup Cadmium :		Radius: .5				
Assess Chromium :		Actvy Funded:				
Clnup Chromium :		Redev Lvrgd Srcs:				
Assess Copper :		AA Amt Funding: 11800				
Clnup Copper :		Flag Clnup Trmt Tech:				
Assess Iron :		Excavation Disposal:				
Clnup Iron :		Extrctn of Cntmnts:				
Assess Nickel :		Removal of Mats:				
Clnup Nickel :		Rdctn of Cntmnts:				
Assess Selenium :		Clnup of Structures:				
Clnup Selenium :		Env EC Required:				
Assess Mercury :		Flag EC Cover Tech:				
Clnup Mercury :		Flag EC Security:				
Assess ArsenIC :		Flag EC Immblyztn:				
Clnup ArsenIC :		Flag EC Eng Barriers:				
Assess Bldg Mats :		Flag EC Other:				
Clnup Bldg Mats :		Env IC in Place: N				
Assess oorair :		Env EC in Place:				
Clnup oorair :		Env Clnup Jobs:				
Assess None :		Sect 128 A State Trbl:				
Clnup None :		Multipurpose:				
Assess Pesticides :		Clnup Cst Shr Amt:				
Clnup Pesticides :		RLF Loan Amount:				
Assess Unknown :		RLF Ln Cst Shr Amt:				
Clnup Unknown :		Pro Income Amt:				
Assess Svocs :		Dt RLF Loan Signed:				
Clnup Svocs :		Repayment Period:				
Clnup Unkn Media :		Interest Rate:				
Redev Cmpltn Date:		RLF Subgrant Amt:				
Pro Code: BF		Cost Share Amt:				
FCA Fy:		Env Pro Income Amt:				
Flag EC in Place:		Dt RLF Sbrgrnt Signd:				
Flag EC Required:		Clnup Actvy Funded:				
RFR Notation:		Below Poverty: 3388				
Gpa Type ID: 2		Below Poverty Pct: 45.28				
Clnup Doc: N		Median Income: 5186				
Awp Catalyst Yn:		Low Income: 4387				
Flag Prop Not Enrld:		Low Income Pct: 58.63				
Redev Fund Entity:						
Gpa Type Desc:		Phase II Environmental Assessment				
AA Actvy Funded:						
AA Source of Funding:		Private/Other Funding				
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
Other Forms of Doc:						
IC Addl Info:						
Highlights:		Former Use: Mainly an Auto Repair and Body Shop				
Property Alias:						
Ctmnt Found:		Lead				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Ctmnt Cleanedup:
Ctmnt Rec:

Media Affected:

Cleanups In My Community (CIMC)

Grant ID:	69598398	ASMT Cntrl Sub :	
Grant Type:	Assessment	Cleanup Cntrl Sub :	
EPA Region:	05	ASMT Asbestos :	
Ownership Entity:	Private	Cleanup Asbestos :	
Latitude Measure:	42.2799	ASMT PcbS :	
Longitude Measure:	-83.75088	Cleanup PcbS :	
Flag Cleanup Reqcd:	Y	ASMT Vocs :	
Flag IC Required:	N	Cleanup Vocs :	
Stcntrbg:		ASMT Lead :	Y
Property Size:	.2	Cleanup Lead :	
Flag IC in Place:	N	ASMT Oth Metal :	
IC in Place Date:		Cleanup Oth Metal :	
Prop Cntrl :		ASMT Pahs :	
Gov Cntrl :		Cleanup Pahs :	
Permit Tools :		ASMT Oth Cont:	
Info DevICes :		Cleanup Oth Cont:	
Prop Fnding Type Cd:	Petroleum	ASMT Air :	
Ownshp Changed :	N	Cleanup Air :	
Sflp Factor :		ASMT Drk Wat:	
Source Mapscale No:		Cleanup Drk Wat:	
Past Cml Acres:	.2	ASMT Grd Water:	
Future Cml Acres:	.2	Cleanup Grd Water:	
Past Grnspc Acres:		ASMT Sediments :	
Future Grnspc Acres:		Cleanup Sediments :	
Past Acres:		ASMT Soil :	
Future Acres:		Cleanup Soil :	
Past Res Acres:		ASMT Srf Water :	
Future Res Acres:		Cleanup Srf Water :	
St Enrollment Dt:		Other Media :	
St Enrollment ID:		Unknown Media :	
St NFA Dt:		Ready For Reuse :	N
Assess Petrol Prod :		Assess Amount:	
Cleanup Petrol Prod :		Assess Fnd Ent Nm:	
Assess Start Dt:		Photo Available :	Y
Assess Cmpltn Dt:		Video Available :	N
Cleanup Start Dt:		Cleanup Acres:	
Cleanup Cmpltn Dt:		Cleanup Amount:	
Redev Start Dt:		Redev Acres:	
Redev Cleanup Jobs:		Redev Amount:	
Grant Recipient Nm:	Washtenaw County		
PropertyNm:	226 West Liberty		
Address:	226 West Liberty		
City:	Ann Arbor		
State Code:	MI		
Zip Code:	48104		
Local Parcel No:	09-09-29-224-002		
Current Owner:	Dr. Gui Ponce de Leon		
IC Data Address:			
Horizontal Collection Method:			
Reference Point:			
Horizontal Reference Datum:	North American Datum of 1983		
Other Description:			
Other Desc Cleaned Up:			
Assess Type:			
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Redev Funding Entity Nm:			
Desc Hist:	Mainly an Auto Repair and Body Shop		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Accmplisht Cnt Flag:					Vacant Housing:	381
Coop Agreement No:	96583901				Vacant Housing Pct:	9.54
Past Mltistry Acres:					Total Unemployed:	321
Ftr Multistory Acres:					Unemployed Pct:	4.29
Assess Cadmium :					Radius:	.5
Clnup Cadmium :					Actvy Funded:	
Assess Chromium :					Redev Lvrgd Srcs:	
Clnup Chromium :					AA Amt Funding:	
Assess Copper :					Flag Clnup Trmt Tech:	
Clnup Copper :					Excavation Disposal:	
Assess Iron :					Extrctn of Cntmnts:	
Clnup Iron :					Removal of Mats:	
Assess Nickel :					Rdctn of Cntmnts:	
Clnup Nickel :					Clnup of Structures:	
Assess Selenium :					Env EC Required:	
Clnup Selenium :					Flag EC Cover Tech:	
Assess Mercury :					Flag EC Security:	
Clnup Mercury :					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC Eng Barriers:	
Clnup ArsenIC :					Flag EC Other:	
Assess Bldg Mats :					Env IC in Place:	N
Clnup Bldg Mats :					Env EC in Place:	
Assess oorair :					Env Clnup Jobs:	
Clnup oorair :					Sect 128 A State Trbl:	
Assess None :					Multipurpose:	
Clnup None :					Clnup Cst Shr Amt:	
Assess Pesticides :					RLF Loan Amount:	
Clnup Pesticides :					RLF Ln Cst Shr Amt:	
Assess Unknown :					Pro Income Amt:	
Clnup Unknown :					Dt RLF Loan Signd:	
Assess Svocs :					Repayment Period:	
Clnup Svocs :					Interest Rate:	
Clnup Unkn Media :					RLF Subgrant Amt:	
Redev Cmpltn Date:					Cost Share Amt:	
Pro Code:	BF				Env Pro Income Amt:	
FCA Fy:					Dt RLF Sbrgrnt Signd:	
Flag EC in Place:					Clnup Actvy Funded:	
Flag EC Required:					Below Poverty:	3388
RFR Notation:					Below Poverty Pct:	45.28
Gpa Type ID:	9				Median Income:	5186
Clnup Doc:	N				Low Income:	4387
Awp Catalyst Yn:					Low Income Pct:	58.63
Flag Prop Not Enrld:						
Redev Fund Entity:						
Gpa Type Desc:			Acres of Green Space Created			
AA Actvy Funded:						
AA Source of Funding:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
Other Forms of Doc:						
IC Addl Info:						
Highlights:			Former Use: Mainly an Auto Repair and Body Shop			
Property Alias:						
Ctmnt Found:			Lead			
Ctmnt Cleanedup:						
Ctmnt Rec:						

Media Affected:

Cleanups In My Community (CIMC)

Grant ID:	69598398	ASMT Cntrl Sub :
Grant Type:	Assessment	Cleanup Cntrl Sub :
EPA Region:	05	ASMT Asbestos :
Ownership Entity:	Private	Cleanup Asbestos :

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Latitude Measure:	42.2799				ASMT Pcb's :	
Longitude Measure:	-83.75088				Cleanup Pcb's :	
Flag Cleanup Req'd:	Y				ASMT Voc's :	
Flag IC Required:	N				Cleanup Voc's :	
Stcncrbg:					ASMT Lead :	Y
Property Size:	.2				Cleanup Lead :	
Flag IC in Place:	N				ASMT Oth Metal :	
IC in Place Date:					Cleanup Oth Metal :	
Prop Cntrl :					ASMT Pah's :	
Gov Cntrl :					Cleanup Pah's :	
Permit Tools :					ASMT Oth Cont:	
Info DevICes :					Cleanup Oth Cont:	
Prop Fnding Type Cd:	Petroleum				ASMT Air :	
Ownshp Changed :	N				Cleanup Air :	
Sflp Factor :					ASMT Drk Wat:	
Source Mapscale No:					Cleanup Drk Wat:	
Past Cml Acres:	.2				ASMT Grd Water:	
Future Cml Acres:	.2				Cleanup Grd Water:	
Past Grnspc Acres:					ASMT Sediments :	
Future Grnspc Acres:					Cleanup Sediments :	
Past Acres:					ASMT Soil :	
Future Acres:					Cleanup Soil :	
Past Res Acres:					ASMT Srf Water :	
Future Res Acres:					Cleanup Srf Water :	
St Enrollment Dt:					Other Media :	
St Enrollment ID:					Unknown Media :	
St NFA Dt:					Ready For Reuse :	N
Assess Petrol Prod :					Assess Amount:	1500
Cleanup Petrol Prod :					Assess Fnd Ent Nm:	
Assess Start Dt:	06/27/2006				Photo Available :	Y
Assess Cmpltn Dt:	07/28/2006				Video Available :	N
Cleanup Start Dt:					Cleanup Acres:	
Cleanup Cmpltn Dt:					Cleanup Amount:	
Redev Start Dt:					Redev Acres:	
Redev Cleanup Jobs:					Redev Amount:	
Grant Recipient Nm:		Washtenaw County				
PropertyNm:		226 West Liberty				
Address:		226 West Liberty				
City:		Ann Arbor				
State Code:		MI				
Zip Code:		48104				
Local Parcel No:		09-09-29-224-002				
Current Owner:		Dr. Gui Ponce de Leon				
IC Data Address:						
Horizontal Collection Method:						
Reference Point:						
Horizontal Reference Datum:		North American Datum of 1983				
Other Description:						
Other Desc Cleaned Up:						
Assess Type:		Phase I Environmental Assessment				
Assess Fund Entity:		US EPA - Brownfields Assessment Cooperative Agreement				
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Redev Funding Entity Nm:						
Desc Hist:		Mainly an Auto Repair and Body Shop				
Accmplisht Cnt Flag:	Y				Vacant Housing:	381
Coop Agreement No:	96583901				Vacant Housing Pct:	9.54
Past Mltistry Acres:					Total Unemployed:	321
Ftr Multistory Acres:					Unemployed Pct:	4.29
Assess Cadmium :					Radius:	.5
Clnup Cadmium :					Actvy Funded:	
Assess Chromium :					Redev Lvrgd Srcs:	
Clnup Chromium :					AA Amt Funding:	
Assess Copper :					Flag Clnup Trmt Tech:	
Clnup Copper :					Excavation Disposal:	
Assess Iron :					Extrctn of Cntmnts:	
Clnup Iron :					Removal of Mats:	
Assess Nickel :					Rdctn of Cntmnts:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Clnup Nickel :					Clnup of Structures:	
Assess Selenium :					Env EC Required:	
Clnup Selenium :					Flag EC Cover Tech:	
Assess Mercury :					Flag EC Security:	
Clnup Mercury :					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC Eng Barriers:	
Clnup ArsenIC :					Flag EC Other:	
Assess Bldg Mats :					Env IC in Place:	N
Clnup Bldg Mats :					Env EC in Place:	
Assess oorair :					Env Clnup Jobs:	
Clnup oorair :					Sect 128 A State Trbl:	
Assess None :					Multipurpose:	
Clnup None :					Clnup Cst Shr Amt:	
Assess Pesticides :					RLF Loan Amount:	
Clnup Pesticides :					RLF Ln Cst Shr Amt:	
Assess Unknown :					Pro Income Amt:	
Clnup Unknown :					Dt RLF Loan Signed:	
Assess Svocs :					Repayment Period:	
Clnup Svocs :					Interest Rate:	
Clnup Unkn Media :					RLF Subgrant Amt:	
Redev Cmpltn Date:					Cost Share Amt:	
Pro Code:	BF				Env Pro Income Amt:	
FCA Fy:	FY06				Dt RLF Sbrgrnt Signd:	
Flag EC in Place:					Clnup Actvy Funded:	
Flag EC Required:					Below Poverty:	3388
RFR Notation:					Below Poverty Pct:	45.28
Gpa Type ID:	1				Median Income:	5186
Clnup Doc:	N				Low Income:	4387
Awp Catalyst Yn:					Low Income Pct:	58.63
Flag Prop Not Enrld:						
Redev Fund Entity:						
Gpa Type Desc:		Phase I Environmental Assessment				
AA Actvy Funded:						
AA Source of Funding:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
Other Forms of Doc:						
IC Addl Info:						
Highlights:		Former Use: Mainly an Auto Repair and Body Shop				
Property Alias:						
Ctmnt Found:		Lead				
Ctmnt Cleanedup:						
Ctmnt Rec:						
Media Affected:						

92 1 of 1 NE 0.29 / 1,545.28 796.88 / -29 MICHIGAN CONSOLIDATED COAL PLT #1 BROADWAY ANN ARBOR MI 48105 CERCLIS

Site ID: 0503512 **RNPL Status Code:** N
Site EPA ID: MID981188733 **NPL Status:** Not on the NPL
Site Street Address 2: **RFED Facility Code:** N
Site County Name: WASHTENAW **RFED Facility Desc:** Not a Federal Facility
Site FIPS Code: 26161 **USGS Hydro Unit No.:** 04090005
Region Code: 05 **Site Cong. Dist. Code:** 02
Site SMSA No.: 0440 **ROT Desc:** Other
Site Prim. Latitude: +42.286944 **FR NPL Update No.:**
Site Prim. Longitude: -083.743611 **RFRA Code:**

Lat Long Source:
RNON NPL Status Desc: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS Assess History

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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OU ID:	00				RALT Short Name:	State (Fund)
Act Code ID:	001				Act Start Date:	
RAT Code:	DS				Act Complete Date:	12/31/1985 00:00:00
RAT Short Name:	DISCVRY				AGT Order No.:	10
RAT Name:	DISCOVERY				SH OU:	
RAT Hist. Only Flag:					SH Code:	
RAT NSI Indicator:	B				SH Seq:	
RAT Level:	1				SH Start Date:	
RAT DEF OU:	00				SH Complete Date:	
RFBS Code:					SH Lead:	
SPA Code:	13					

The process by which a potential hazardous waste site is brought to the attention of the EPA. The process can occur through the use of several mechanisms such as a phone call or referral by another government agency.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00				RALT Short Name:	EPA In-House
Act Code ID:	001				Act Start Date:	
RAT Code:	VS				Act Complete Date:	12/31/1997 09:12:26
RAT Short Name:	ARCH SITE				AGT Order No.:	1500
RAT Name:	ARCHIVE SITE				SH OU:	
RAT Hist. Only Flag:					SH Code:	
RAT NSI Indicator:	B				SH Seq:	
RAT Level:	1				SH Start Date:	
RAT DEF OU:	00				SH Complete Date:	
RFBS Code:					SH Lead:	
SPA Code:	13					

The decision is made that no further activity is planned at the site.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00				RALT Short Name:	State (Fund)
Act Code ID:	001				Act Start Date:	
RAT Code:	PA				Act Complete Date:	8/6/1986 00:00:00
RAT Short Name:	PA				AGT Order No.:	130
RAT Name:	PRELIMINARY ASSESSMENT				SH OU:	
RAT Hist. Only Flag:					SH Code:	
RAT NSI Indicator:	B				SH Seq:	
RAT Level:	1				SH Start Date:	
RAT DEF OU:	00				SH Complete Date:	
RFBS Code:	P				SH Lead:	
SPA Code:	13					

Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00				RALT Short Name:	EPA Fund
Act Code ID:	001				Act Start Date:	
RAT Code:	SI				Act Complete Date:	10/19/1987 00:00:00
RAT Short Name:	SI				AGT Order No.:	160
RAT Name:	SITE INSPECTION				SH OU:	00
RAT Hist. Only Flag:					SH Code:	SH
RAT NSI Indicator:	B				SH Seq:	001
RAT Level:	1				SH Start Date:	
RAT DEF OU:	00				SH Complete Date:	9/28/1995 00:00:00
RFBS Code:	P				SH Lead:	EPA Fund
SPA Code:	13					

The process of collecting site data and samples to characterize the severity of the hazard for the hazard ranking

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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score and/or enforcement support.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	RALT Short Name:	
Act Code ID:		Act Start Date:	
RAT Code:		Act Complete Date:	
RAT Short Name:		AGT Order No.:	0
RAT Name:		SH OU:	
RAT Hist. Only Flag:		SH Code:	
RAT NSI Indicator:		SH Seq:	
RAT Level:		SH Start Date:	
RAT DEF OU:		SH Complete Date:	
RFBS Code:		SH Lead:	
SPA Code:			
RAT Def:			
Site Desc:	No description available		
Site Alias:	No alias data available		

93	1 of 1	SW	0.29 / 1,553.69	815.33 / -11	PAINTERS SUPPLY & EQUIP CO 211 W LIBERTY ST ANN ARBOR MI 48104	WASTE
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WDS ID: 411379
Site ID: MIR000022046
County: WASHTENAW
Legal Name: PAINTERS SUPPLY AND EQUIPMENT CO
Contact Name:
Contact Phone:
Contact Email:

94	1 of 2	SW	0.29 / 1,556.36	807.91 / -18	Ann Arbor Implement Co 210 S 1ST ST ANN ARBOR MI	LUST
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Facility ID: 00035555
EPA ID:
LUST Name:
Contaminant Class :
Regulat Pgm (RIDE):
County (RIDE):
Township (RIDE):
Facility Name (RIDE):
Full Address (RIDE):
Facility City (RIDE):
Company Name (Map): Ann Arbor Implement Co
Address (Map): 210 S 1st St
City (Map): Ann Arbor
ZIP (Map): 48104
Location Name: Ann Arbor Implement Co
Street Address: 210 S 1ST ST
City Village: ANN ARBOR
Zip Code: 48104
Data Source: LUST List; Leaking Underground Storage Tanks Part 213 Closed (Map)

Latitude (RIDE):
Longitude (RIDE):
County (Map): Washtenaw
Lat (Map): 42.280311
Long (Map): -83.751208
County: Washtenaw
EGLE Distri: Jackson

LUST Details (EGLE Enviromental Mapper)

Owner ID:	19626	H Datum:	NAD83
Active Site:	No	Accuracy:	100
Close Site:	Yes	Acc Unit:	FEET
Close LUST:	Closed	Shp Type:	POINT

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Open LUST:	0				Desc Cater: Plant Entrance (Freight)	
Restrict:	YES				Updated on: 2013-03-07 14:22:12.457	
Source:	State of MI				MGR X:	
Col Date:	2001-11-01 00:00:00				MGR Y:	
District:	Jackson District Office					
MOC:	Address Matching-House Number					
Geometry:	MULTIPOINT (-83.75120337580582 42.28030286961289)					

LUST List

Release ID: REL-0744-93
Release Discovered Date: NULL
Release Closed Date: 1993-10-06 00:00:00.000
Date Reported: 1993-06-11 00:00:00.000
Address Details: NULL
Release Status: Closed

[94](#) 2 of 2 **SW** 0.29 / 1,556.36 807.91 / -18 **ANN ARBOR IMPLEMENT
210 S 1ST ST
ANN ARBOR MI 48104** **WASTE**

WDS ID: 417046
Site ID: MIG000040501
County: WASHTENAW
Legal Name: ANN ARBOR IMPLEMENT
Contact Name:
Contact Phone:
Contact Email:

[95](#) 1 of 1 **WSW** 0.30 / 1,560.29 798.32 / -28 **IN DOOR COMFORT
416 W HURON ST
ANN ARBOR MI 48103** **WASTE**

WDS ID: 421138
Site ID: MIG000062402
County: WASHTENAW
Legal Name: IN DOOR COMFORT
Contact Name:
Contact Phone:
Contact Email:

[96](#) 1 of 1 **S** 0.30 / 1,576.24 844.95 / 19 **314 South Fourth Street
314 South Fourth Avenue, Ann Arbor, MI, 48104
MI** **SHWS**

EPA ID:
Facility ID (Web): 81000594 **Source:**
Site ID (Map): 81000594 **EGLE District:**
Regulatory Program: 201 **House District:**
Lust Name: **Senate District:**
Project Manager: Wilde, Dan **Hzaccms:**
Release Status: **Scale No:**
Pollutants: **MGR X:**
Fac Name (Web): 314 South Fourth Street **MGR Y:**
Address (Web): 314 South Fourth Avenue, Ann Arbor, MI, 48104
City (Web): Ann Arbor
Township (Web): Ann Arbor City
County (Web): Washtenaw
Latitude (Web): 42.278994
Longitude (Web): -83.74778
Site Name (Map): 314 South Fourth Street
Address (Map): 314 South Fourth Avenue

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
City (Map):		Ann Arbor				
Zip Code (Map):		48104				
County (Map):		Washtenaw				
Latitude (Map):		42.278994				
Longitude (Map):		-83.74778				
US Congressional District:						
H Ref Datum:						
H Ref Moc:						
OS Descrip:		Risks Present and Require Action in Short-term				
Ref Desc:						
Risk Condition:		Risks Present and Require Action in Short-term				
Data Source:		DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)				

[97](#) 1 of 4 **NNW** 0.30 / 1,578.16 778.69 / -47 **City Garage
721 N MAIN ST
ANN ARBOR MI** **LUST**

Facility ID:	00008427	Latitude (RIDE):	
EPA ID:		Longitude (RIDE):	
LUST Name:		County (Map):	Washtenaw
Contaminant Class :		Lat (Map):	42.287698
Regulat Pgm (RIDE):		Long (Map):	-83.747941
County (RIDE):		County:	Washtenaw
Township (RIDE):		EGLE Distri:	Jackson
Facility Name (RIDE):			
Full Address (RIDE):			
Facility City (RIDE):			
Company Name (Map):	City Garage		
Address (Map):	721 N Main St		
City (Map):	Ann Arbor		
ZIP (Map):	48104		
Location Name:	City Garage		
Street Address:	721 N MAIN ST		
City Village:	ANN ARBOR		
Zip Code:	48104		
Data Source:	LUST List; Leaking Underground Storage Tanks Part 213 Closed (Map)		

LUST Details (EGLE Enviromental Mapper)

Owner ID:	2687	H Datum:	NAD83
Active Site:	No	Accuracy:	100
Close Site:	Yes	Acc Unit:	FEET
Close LUST:	Closed	Shp Type:	POINT
Open LUST:	0	Desc Cater:	Plant Entrance (Freight)
Restrict:	YES	Updated on:	2013-03-07 14:22:12.457
Source:	State of MI	MGR X:	
Col Date:	2001-11-01 00:00:00	MGR Y:	
District:	Jackson District Office		
MOC:	Address Matching-House Number		
Geometry:	MULTIPOINT (-83.74793637612117 42.28768986814491)		

LUST List

Release ID:	REL-1129-89
Release Discovered Date:	NULL
Release Closed Date:	2000-01-05 00:00:00.000
Date Reported:	1989-12-15 00:00:00.000
Address Details:	NULL
Release Status:	Closed

LUST List

Release ID:	REL-0753-95
Release Discovered Date:	NULL

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Release Closed Date:		2000-01-05 00:00:00.000				
Date Reported:		1995-06-16 00:00:00.000				
Address Details:		NULL				
Release Status:		Closed				

LUST List

Release ID: REL-2246-91
Release Discovered Date: NULL
Release Closed Date: 2000-01-05 00:00:00.000
Date Reported: 1900-01-01 00:00:00.000
Address Details: NULL
Release Status: Closed

97 2 of 4 **NNW** **0.30 / 1,578.16** **778.69 / -47** **Former DPW Yard (AA)
721 N. Main Street
Ann Arbor MI 48103**

FED BROWNFIELDS

Property ID:	159685	BF Property (Map):	159685
Lat Measure:	42.28767	Latitude (Map):	42.28767
Long Measure:	-83.748893	Longitude (Map):	-83.748893
Property Name:	Former DPW Yard (AA)		
Address:	721 N. Main Street		
City:	Ann Arbor		
State Code:	MI		
Zip Code:	48103		
Primary Name (Map):	FORMER DPW YARD (AA)		
Location Address (Map):	721 N. MAIN STREET		
City Name (Map):	ANN ARBOR		
County Name (Map):	WASHTENAW		
State Code (Map):	MI		
Postal Code (Map):	48103		

Brownfields Details

Registry I:	110042281296	EPA ID:	
EPA Region:	05	BF RLF Gra:	
Cat No:	04090005	BF RLF Pil:	
RCRA Handl:		BF Assess :	
RCRA Curre:		BF Cleanup:	
RCRA Remed:		BF Tba Ind:	
RCRA Const:		BF 128a In:	
RCRA El He:		BF IC Code:	U
RCRA El Gm:		BF IC Gc I:	U
RCRA Rem 1:		BF IC Ep I:	U
RCRA Ec Gw:		BF IC ID I:	U
RCRA Ec Ng:		BF IC Pr I:	U
RCRA IC Ep:		FF Brac In:	
RCRA IC Gc:		BF RLF Ind:	
RCRA IC ID:		BF Assess1:	Y
RCRA IC Pr:		BF Multipu:	
FF RCRA In:		BF Awp Ind:	
RCRA Trans:		BF Showcas:	
RCRA Tra 1:		BF 128a P :	
RCRA Ec Co:		LUST Relea:	
RCRA IC Co:		LUST Award:	
RCRA Gpra :		LUST State:	
RCRA Rem 2:		Congressio:	MI-12
RCRA Dru 1:		FD Agency :	
SF Site ID:		FD Listing:	
SF Ec Ind:		FD Non NPL:	
SF El Gm C:		FD RCRA Ha:	
SF El He C:		FD RCRA Ca:	
SF IC Ind:		FD SF NPL :	
SF NPL Cod:		FD FF Ind:	
SF NPL C 1:		FD Ej Code:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
SF Admin F:					FD Brac In:	
FF And Sit:					FD Federal:	
FF SF Ind:					FD Hrs Sco:	
Map Symbol:	B				FD Ongoing:	
Data Refre:	29-Jul-2022				FD NPL Sta:	
GIS Refres:					FD Non N 1:	
New Site:					FD RCRA Gw:	
Repow Ref :	https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER::::P33_REF:27119				FD RCRA He:	
EPAOSC Sit:					FD GMS Sur:	
EPAOSC Res:					FD Hes Sur:	
EPAOSC R 1:					FD SF Site:	
EPAOSC Sta:					FD Brac Ro:	
EPAOSC Inc:					Stimulus S:	
Desc :					Stimulus B:	
Ind Name:						
Cat Name:		Huron				
Sub Name:		Huron				
Primary Name:		FORMER DPW YARD (AA)				
RCRA Drupa:						
Url:					https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%22159685.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page28767&feattype=point&radius=1.0	
Census Url:					https://ejsscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-83.748893%2C42.28767&feattype=point&radius=1.0	
ACS Url:					https://ejsscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-83.748893%2C42.28767&feattype=point&radius=1.0	
SF Site Na:					UST Status:	
SF Non Npl:					UST Substa:	
SF Non N 1:					UST Landus:	
SF Non N 3:					UST SPA Wa:	
ERR Lat Lo:					UST SPA Fa:	
REPOW BF:	SGW				UST WHPA W:	
REPOW SF:					UST WHPA F:	
REPOW RCRA:					UST Open:	
REPOW Ref1:	27119				UST Closed:	
RCRA Han 1:					LUST ID:	
RCRA Rau I:					Saa Site:	
BF Propert:	159685-					
REPOW Re 1:	RE-Powering Site Profile					
BF Prope 1:	Former DPW Yard (AA)					
SF Non N 2:						
<u>Cleanups In My Community (CIMC)</u>						
Grant ID:	69600961				ASMT Cntrl Sub :	
Grant Type:	Assessment				Cleanup Cntrl Sub :	
EPA Region:	05				ASMT Asbestos :	
Ownership Entity:	Government				Cleanup Asbestos :	
Latitude Measure:	42.28767				ASMT PcbS :	
Longitude Measure:	-83.748893				Cleanup PcbS :	
Flag Cleanup Reqd:	U				ASMT Vocs :	Y
Flag IC Required:	U				Cleanup Vocs :	
Stcntrbg:					ASMT Lead :	Y
Property Size:	5.1				Cleanup Lead :	
Flag IC in Place:	N				ASMT Oth Metal :	Y
IC in Place Date:					Cleanup Oth Metal :	
Prop Cntrl :					ASMT Pahs :	Y
Gov Cntrl :					Cleanup Pahs :	
Permit Tools :					ASMT Oth Cont:	Y
Info DevICes :					Cleanup Oth Cont:	
Prop Fnding Type Cd:	Petroleum				ASMT Air :	
Ownshp Changed :	N				Cleanup Air :	
Sflp Factor :					ASMT Drk Wat:	
Source Mapscale No:					Cleanup Drk Wat:	
Past Cml Acres:					ASMT Grd Water:	Y
Future Cml Acres:	5.1				Cleanup Grd Water:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Past Grnspc Acres:					ASMT Sediments :	
Future Grnspc Acres:					Cleanup Sediments :	
Past Acres:					ASMT Soil :	Y
Future Acres:					Cleanup Soil :	
Past Res Acres:					ASMT Srf Water :	
Future Res Acres:					Cleanup Srf Water :	
St Enrollment Dt:					Other Media :	
St Enrollment ID:					Unknown Media :	
St NFA Dt:					Ready For Reuse :	N
Assess Petrol Prod :	Y				Assess Amount:	16250
Cleanup Petrol Prod :					Assess Fnd Ent Nm:	EPA
Assess Start Dt:	11/19/2012				Photo Available :	Y
Assess Cmpltn Dt:	04/30/2013				Video Available :	N
Cleanup Start Dt:					Cleanup Acres:	
Cleanup Cmpltn Dt:					Cleanup Amount:	
Redev Start Dt:					Redev Acres:	
Redev Cleanup Jobs:					Redev Amount:	
Grant Recipient Nm:		Downriver Community Conference				
PropertyNm:		Former DPW Yard (AA)				
Address:		721 N. Main Street				
City:		Ann Arbor				
State Code:		MI				
Zip Code:		48103				
Local Parcel No:		09-09-20-409-006				
Current Owner:		The City of Ann Arbor				
IC Data Address:						
Horizontal Collection Method:		Address Matching-House Number				
Reference Point:		Entrance Point of a Facility or Station				
Horizontal Reference Datum:		North American Datum of 1983				
Other Description:		chloride				
Other Desc Cleaned Up:						
Assess Type:		Phase II Environmental Assessment				
Assess Fund Entity:		US EPA - Brownfields Assessment Cooperative Agreement				
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Redev Funding Entity Nm:						
Desc Hist:		In the early 1900s, the site was vacant land with a section of Allen Creek, a tributary to the Huron River, flowing through the site from southwest to northeast. In the late 1920s, Allen Creek was enclosed and the site was first developed for use by the City. Since the late 1920s, the site has been occupied by: the City's municipal garage, DPW yard, and departments of fleet services and street maintenance.				
Accmplisht Cnt Flag:	Y				Vacant Housing:	342
Coop Agreement No:	00E01038				Vacant Housing Pct:	14.37
Past Mltistry Acres:					Total Unemployed:	178
Ftr Multistory Acres:					Unemployed Pct:	3.88
Assess Cadmium :					Radius:	.5
Clnup Cadmium :					Actvy Funded:	
Assess Chromium :					Redev Lvrgd Srcs:	
Clnup Chromium :					AA Amt Funding:	
Assess Copper :					Flag Clnup Trmt Tech:	
Clnup Copper :					Excavation Disposal:	
Assess Iron :					Extrctn of Cntmnts:	
Clnup Iron :					Removal of Mats:	
Assess Nickel :					Rdctn of Cntmnts:	
Clnup Nickel :					Clnup of Structures:	
Assess Selenium :					Env EC Required:	U
Clnup Selenium :					Flag EC Cover Tech:	
Assess Mercury :					Flag EC Security:	
Clnup Mercury :					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC Eng Barriers:	
Clnup ArsenIC :					Flag EC Other:	
Assess Bldg Mats :					Env IC in Place:	N
Clnup Bldg Mats :					Env EC in Place:	N
Assess oorair :					Env Clnup Jobs:	
Clnup oorair :					Sect 128 A State Trbl:	
Assess None :					Multipurpose:	
Clnup None :					Clnup Cst Shr Amt:	
Assess Pesticides :					RLF Loan Amount:	
Clnup Pesticides :					RLF Ln Cst Shr Amt:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<p>Assess Unknown : Clnup Unknown : Assess Svocs : Clnup Svocs : Clnup Unkn Media : Redev Cmpltn Date: Pro Code: BF FCA Fy: FY13 Flag EC in Place: N Flag EC Required: U RFR Notation: Gpa Type ID: 2 Clnup Doc: N Awp Catalyst Yn: Flag Prop Not Enrld: Redev Fund Entity: Gpa Type Desc: Phase II Environmental Assessment AA Actvy Funded: AA Source of Funding: Clnup Trmt Tech Info: EC Data Address: EC Addl Info: Env IC Data Address: Other Forms of Doc: IC Addl Info: Highlights: Since the late 1920s, the site has been occupied by: the City of Ann Arbor's municipal garage, DPW yard, and departments of fleet services and street maintenance. The City plans to redevelop the site into a public use area. Former Use: In the early 1900s, the site was vacant land with a section of Allen Creek, a tributary to the Huron River, flowing through the site from southwest to northeast. In the late 1920s, Allen Creek was enclosed and the site was first developed for use by the City. Since the late 1920s, the site has been occupied by: the City's municipal garage, DPW yard, and departments of fleet services and street maintenance.</p> <p>Property Alias: Ctmnt Found: Lead Other Contaminants Other Metals PAHs Petroleum Products VOCs Ctmnt Cleanedup: Ctmnt Rec: Lead Other Contaminants Other Metals PAHs Petroleum Products VOCs</p> <p>Media Affected: Ground Water Soil</p>						
97	3 of 4	NNW	0.30 / 1,578.16	778.69 / -47	CITY OF ANN ARBOR MUNICIPAL GARAGE 721 N MAIN ST ANN ARBOR MI 48104	WASTE
<p>WDS ID: 400281 Site ID: MID981795701 County: WASHTENAW Legal Name: CITY OF ANN ARBOR Contact Name: Contact Phone: Contact Email:</p>						
97	4 of 4	NNW	0.30 / 1,578.16	778.69 / -47	721 North Main Street 721 N MAIN ST, ANN ARBOR, MI, 48104 MI	SHWS
<p>EPA ID: Facility ID (Web): 81000632 Site ID (Map): 81000632 Regulatory Program: 201 Lust Name: Project Manager: Miller, Mary</p> <p>Source: EGLE District: House District: Felicia Brabec Senate District: Jeff Irwin Hzaccms: Scale No:</p>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Release Status:					MGR X:	
Pollutants:					MGR Y:	
Fac Name (Web):		721 North Main Street				
Address (Web):		721 N MAIN ST, ANN ARBOR, MI, 48104				
City (Web):		ANN ARBOR				
Township (Web):						
County (Web):		Washtenaw				
Latitude (Web):		42.28788944				
Longitude (Web):		-83.74873447				
Site Name (Map):		721 North Main Street				
Address (Map):		721 N MAIN ST				
City (Map):		ANN ARBOR				
Zip Code (Map):		48104				
County (Map):		Washtenaw				
Latitude (Map):		42.287889				
Longitude (Map):		-83.7487344				
US Congressional District:		Debbie Dingell				
H Ref Datum:						
H Ref Moc:						
OS Descrip:		Risks Controlled-Interim				
Ref Desc:						
Risk Condition:		Risks Controlled-Interim				
Data Source:		DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)				

[98](#) 1 of 2 S 0.30 / 1,580.04 843.68 / 18 314 South Forth Avenue MI 48104 BEA

Facility ID (Web):	81000594	Facility ID (Map):	81000594
Bea No (Web):	201401335JK	Bea No (Map):	201401335JK
Fac Name (Web):		Fac Name (Map):	
Address (Web):	314 South Forth Avenue	Address (Map):	314 South Forth Avenue
City (Web):		City (Map):	
Zip (Web):	48104	Zip (Map):	48104
County (Web):	Washtenaw	County (Map):	Washtenaw
Township (Web):	Ann Arbor City	Township (Map):	Ann Arbor City
District (Web):	Jackson	District (Map):	Jackson
Latitude (Web):	42.27899	Latitude (Map):	42.27899
Longitude (Web):	-83.74778	Longitude (Map):	-83.74778
Data Source (Web):	BEA	Data Source (Map):	BEA
Accuracy:		Method of Collect:	LocationBased
Facility 2:		Object ID:	6127
Source:		ID:	2184
Submitted:			
Source:	DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)		

[98](#) 2 of 2 S 0.30 / 1,580.04 843.68 / 18 314 South Fourth Avenue MI 48104 BEA

Facility ID (Web):	81000594	Facility ID (Map):	81000594
Bea No (Web):	201401336JK	Bea No (Map):	201401336JK
Fac Name (Web):		Fac Name (Map):	
Address (Web):	314 South Fourth Avenue	Address (Map):	314 South Fourth Avenue
City (Web):		City (Map):	
Zip (Web):	48104	Zip (Map):	48104
County (Web):	Washtenaw	County (Map):	Washtenaw
Township (Web):	Ann Arbor City	Township (Map):	Ann Arbor City
District (Web):	Jackson	District (Map):	Jackson
Latitude (Web):	42.27899	Latitude (Map):	42.27899
Longitude (Web):	-83.74778	Longitude (Map):	-83.74778
Data Source (Web):	BEA	Data Source (Map):	BEA
Accuracy:		Method of Collect:	LocationBased
Facility 2:		Object ID:	6128
Source:		ID:	2185

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

Source: DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)

99	1 of 1	NE	0.30 / 1,585.78	790.35 / -36	325 East Summit Street 325 East Summit Street, Ann Arbor, MI, 48104 MI	SHWS
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EPA ID:		Source:	
Facility ID (Web):	81000765	EGLE District:	
Site ID (Map):	81000765	House District:	Felicia Brabec
Regulatory Program:	201	Senate District:	Jeff Irwin
Lust Name:		Hrzaccms:	
Project Manager:	Wilde, Dan	Scale No:	
Release Status:		MGR X:	
Pollutants:		MGR Y:	
Fac Name (Web):	325 East Summit Street		
Address (Web):	325 East Summit Street, Ann Arbor, MI, 48104		
City (Web):	Ann Arbor		
Township (Web):			
County (Web):	Washtenaw		
Latitude (Web):	42.28735934		
Longitude (Web):	-83.74372138		
Site Name (Map):	325 East Summit Street		
Address (Map):	325 East Summit Street		
City (Map):	Ann Arbor		
Zip Code (Map):	48104		
County (Map):	Washtenaw		
Latitude (Map):	42.287359		
Longitude (Map):	-83.7437213		
US Congressional District:	Debbie Dingell		
H Ref Datum:			
H Ref Moc:			
OS Descrip:	Risks Not Determined		
Ref Desc:			
Risk Condition:	Risks Not Determined		
Data Source:	DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)		

100	1 of 1	N	0.30 / 1,586.13	774.77 / -51	626 - 724 N Main MI 48103	BEA
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Facility ID (Web):		Facility ID (Map):	
Bea No (Web):	201001042JK	Bea No (Map):	
Fac Name (Web):		Fac Name (Map):	
Address (Web):	626 - 724 N Main	Address (Map):	
City (Web):		City (Map):	
Zip (Web):	48103	Zip (Map):	
County (Web):	Washtenaw	County (Map):	
Township (Web):	Ann Arbor City	Township (Map):	
District (Web):	Jackson	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)		

101	1 of 1	WSW	0.30 / 1,594.60	798.88 / -27	ANN ARBOR CIRCUITS ANN ARBOR MI	PFAS IND
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Status:	Inactive				Fac Fips Code: 26161	
Industry:	Electronics Industry				Fac Indian Cntry Flg: N	
Compliance Status:	No Violation Identified				Fac Derived Huc: 04090005	
EPA Programs:	RCRA				Fac Derived Wbd: 040900050309	
Federal Facility:	No				Fac Derived Cd113: 12	
Federal Agency:	-				Fac Derived Cb2010: 261614006001003	
Fac Snc Flg:	N				Fac Informal Count: 0	
AIR Flag:	N				Last Informal Action: 2/5/1997	
NPDES Flag:	N				Formal Action Count: 0	
SDWIS Flag:	N				Last Formal Action: -	
RCRAFlag:	Y				Fac Total Penalties: 0	
TRI Flag:	N				Fac Penalty Count: -	
GHG Flag:	N				Date Last Penalty: -	
TRI IDs:	48103NNRBR424WW				Last Penalty Amt: -	
TRI Releases Trnsfrs:	-				Fac Qtrs With Nc: 0	
TRI on Site Releases:	-				Programs With Snc: 0	
TRI off Site Trnsfrs:	-				Fac Percent Minority: 27.663	
TRI Reporter:	-				Fac Pop Den: 3524.21	
Fac Imp Water Flg:	-				Count: 1	
Fac Major Flag:	-				Fac County: WASHTENAW	
Fac Active Flag:	-				State Other :	
Fac Inspection Count:	0				Region: 05	
Date Last Inspection:	2/5/1997				Latitude: 42.280587	
Days Last Inspection:	9565				Longitude: -83.752328	
Fac Derived Tribes:	-					
AIR IDs:	-					
CAA Permit Types:	-					
CAA NAICS:	-					
CAA SICS:	-					
NPDES IDs:	-					
CWA Permit Types:	-					
CWA NAICS:	-					
CWA SICS:	-					
RCRA IDs:	MID020827192					
RCRA Permit Types:	Other					
RCRA NAICS:	11131					
SDWA IDs:	-					
SDWA System Types:	-					
SDWA Compliance Status:	-					
SDWA Snc Flag:	N					
Fac Collection Meth:	ADDRESS MATCHING-HOUSE NUMBER					
EJSCREEN Flag Us:	N					
EJSCREEN Report:	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-83.752328,%22y%22:42.280587,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					
ECHO Facility Report:	https://echo.epa.gov/detailed-facility-report?fid=110002117236					

102	1 of 1	N	0.30 / 1,602.07	775.40 / -51	626 - 724 North Main Street 626 - 724 North Main Street, Ann Arbor, MI, 48104 MI	SHWS
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EPA ID:		Source:	
Facility ID (Web):	81000816	EGLE District:	
Site ID (Map):	81000816	House District:	Felicia Brabec
Regulatory Program:	201	Senate District:	Jeff Irwin
Lust Name:		Hrzaccms:	
Project Manager:	Wilde, Dan	Scale No:	
Release Status:		MGR X:	
Pollutants:		MGR Y:	
Fac Name (Web):	626 - 724 North Main Street		
Address (Web):	626 - 724 North Main Street, Ann Arbor, MI, 48104		
City (Web):	Ann Arbor		
Township (Web):			
County (Web):	Washtenaw		
Latitude (Web):	42.2875271		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Longitude (Web): -83.74752148 Site Name (Map): 626 - 724 North Main Street Address (Map): 626 - 724 North Main Street City (Map): Ann Arbor Zip Code (Map): 48104 County (Map): Washtenaw Latitude (Map): 42.287527 Longitude (Map): -83.7475214 US Congressional District: Debbie Dingell H Ref Datum: H Ref Moc: OS Descrip: Risks Not Determined Ref Desc: Risk Condition: Risks Not Determined Data Source: DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)						

[103](#) 1 of 1 **ENE** 0.30 / 1,606.77 843.34 / 17 **ANN ARBOR SCHOOLS
530 ELIZABETH ST
ANN ARBOR MI 48104** **WASTE**

WDS ID: 458789
Site ID: MIG000003286
County: WASHTENAW
Legal Name: ANN ARBOR SCHOOLS
Contact Name:
Contact Phone:
Contact Email:

[104](#) 1 of 2 **S** 0.31 / 1,622.63 851.26 / 25 **BUREAU OF ATF
200 E LIBERTY ST
ANN ARBOR MI 48104** **WASTE**

WDS ID: 494568
Site ID: MIK869370444
County: WASHTENAW
Legal Name: BUREAU OF ATF
Contact Name:
Contact Phone:
Contact Email:

[104](#) 2 of 2 **S** 0.31 / 1,622.63 851.26 / 25 **OIL RESORT LLC
200 E LIBERTY ST.
ANN ARBOR MI 48104** **WASTE**

WDS ID: 496583
Site ID: MIK207761541
County: WASHTENAW
Legal Name: OIL RESORT LLC
Contact Name:
Contact Phone:
Contact Email:

[105](#) 1 of 3 **SW** 0.31 / 1,629.99 810.95 / -15 **221 W Liberty St
MI 48103** **BEA**

Facility ID (Web):		Facility ID (Map):	
Bea No (Web):	200400564JK	Bea No (Map):	200400564JK
Fac Name (Web):		Fac Name (Map):	
Address (Web):	221 W Liberty St	Address (Map):	221 W Liberty St
City (Web):		City (Map):	Ann Arbor
Zip (Web):	48103	Zip (Map):	48104

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB	
County (Web): Township (Web): District (Web): Latitude (Web): Longitude (Web): Data Source (Web): Accuracy: Facility 2: Source: Submitted: Source:	Washtenaw Ann Arbor City Jackson BEA				County (Map): Township (Map): District (Map): Latitude (Map): Longitude (Map): Data Source (Map): Method of Collect: Object ID: ID:	Washtenaw Ann Arbor City Jackson 42.27960324 -83.75009594 BEA Geocode 6252 818	
DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)							

105	2 of 3	SW	0.31 / 1,629.99	810.95 / -15	Liberty Street 221 W LIBERTY ST ANN ARBOR MI	LUST
Facility ID: EPA ID: LUST Name: Contaminant Class : Regulat Pgm (RIDE): County (RIDE): Township (RIDE): Facility Name (RIDE): Full Address (RIDE): Facility City (RIDE): Company Name (Map): Address (Map): City (Map): ZIP (Map): Location Name: Street Address: City Village: Zip Code: Data Source:	50005381 Liberty Street 221 W Liberty Ann Arbor 48103 Liberty Street 221 W LIBERTY ST ANN ARBOR 48104 LUST List; Leaking Underground Storage Tanks Part 213 Open (Map)				Latitude (RIDE): Longitude (RIDE): County (Map): Lat (Map): Long (Map): County: EGLE Distri:	Washtenaw 42.2793994 -83.75013841 Washtenaw Jackson

LUST Details (EGLE Enviromental Mapper)

Owner ID: Active Site: Close Site: Close LUST: Open LUST: Restrict: Source: Col Date: District: MOC: Geometry:	17303 No Yes 0 Open YES State of MI Jackson District Office Interpolation-Map MULTIPOINT (-83.75013378621689 42.279391269719014)	H Datum: Accuracy: Acc Unit: Shp Type: Desc Cater: Updated on: MGR X: MGR Y:	NAD83 15 METERS POINT 2013-03-07 14:22:12.457
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LUST List

Release ID: Release Discovered Date: Release Closed Date: Date Reported: Address Details: Release Status:	REL-0534-04 NULL 2015-04-23 00:00:00.000 2004-07-13 09:00:00.000 NULL Closed
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105	3 of 3	SW	0.31 / 1,629.99	810.95 / -15	221 W Liberty St 221 W LIBERTY ST, ANN ARBOR, MI, 48104 MI	SHWS
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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EPA ID:					Source:	
Facility ID (Web):	81000724				EGLE District:	
Site ID (Map):	81000724				House District:	Yousef Rabhi
Regulatory Program:	201				Senate District:	Jeff Irwin
Lust Name:					Hzaccms:	
Project Manager:	Wilde, Dan				Scale No:	
Release Status:					MGR X:	
Pollutants:					MGR Y:	
Fac Name (Web):	221 W Liberty St					
Address (Web):	221 W LIBERTY ST, ANN ARBOR, MI, 48104					
City (Web):	ANN ARBOR					
Township (Web):						
County (Web):	Washtenaw					
Latitude (Web):	42.27942426					
Longitude (Web):	-83.75086242					
Site Name (Map):	221 W Liberty St					
Address (Map):	221 W LIBERTY ST					
City (Map):	ANN ARBOR					
Zip Code (Map):	48104					
County (Map):	Washtenaw					
Latitude (Map):	42.279424					
Longitude (Map):	-83.7508624					
US Congressional District:	Debbie Dingell					
H Ref Datum:						
H Ref Moc:						
OS Descrip:	Risks Not Determined					
Ref Desc:						
Risk Condition:	Risks Not Determined					
Data Source:	DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)					

106	1 of 2	NE	0.31 / 1,638.69	788.68 / -37	325 E. Summit Street MI 48104	BEA
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Facility ID (Web):		Facility ID (Map):	
Bea No (Web):	201801650JK	Bea No (Map):	
Fac Name (Web):		Fac Name (Map):	
Address (Web):	325 E. Summit Street	Address (Map):	
City (Web):		City (Map):	
Zip (Web):	48104	Zip (Map):	
County (Web):	Washtenaw	County (Map):	
Township (Web):	Ann Arbor City	Township (Map):	
District (Web):	Jackson	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)		

106	2 of 2	NE	0.31 / 1,638.69	788.68 / -37	325 E. Summit Street 325 E. Summit Street Ann Arbor MI 48104	BEA
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Facility ID (Web):		Facility ID (Map):	81000765
Bea No (Web):		Bea No (Map):	B201801650JK
Fac Name (Web):		Fac Name (Map):	325 E. Summit Street
Address (Web):		Address (Map):	325 E. Summit Street
City (Web):		City (Map):	Ann Arbor
Zip (Web):		Zip (Map):	48104
County (Web):		County (Map):	Washtenaw
Township (Web):		Township (Map):	Null
District (Web):		District (Map):	Jackson

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Latitude (Web): Longitude (Web): Data Source (Web): Accuracy: Facility 2: Source: Submitted: Source:				Latitude (Map): 42.287281 Longitude (Map): -83.743556 Data Source (Map): Method of Collect: Object ID: 24750 ID:		
		DEQ Baseline Environmental Assessment Sites (Map)				

107	1 of 1	WNW	0.31 / 1,651.28	829.41 / 3	Ann Arbor Art Center (Fmr. Std Oil) MI	DELISTED SHWS
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Delisted Part 201 Site List

Facility ID:		Fac Name (Web):	
Baseline Assess No:		Address (Web):	
Site ID:	81000438	County (Web):	
Pollutants:		Township (Web):	
Site Name (Map):	Ann Arbor Art Center (Fmr. Std Oil)	City (Web):	
City (Map):		Zip (Web):	
County (Map):	Washtenaw	Latitude (Web):	
Latitude (Map):	42.286563	Longitude (Web):	
Longitude (Map):	-83.7524387	Object ID:	
H Ref Datum:	North American Datum of 1983	MGR X:	0.0
Hrzaccms:	10	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:	Evaluation 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		

108	1 of 1	WSW	0.31 / 1,654.65	797.71 / -28	OTIS ELEVATOR 404 W WASHINGTON ST ANN ARBOR MI 48103	WASTE
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WDS ID:	417886
Site ID:	MIG000048954
County:	WASHTENAW
Legal Name:	OTIS ELEVATOR CO
Contact Name:	
Contact Phone:	
Contact Email:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
109	1 of 1	SW	0.31 / 1,655.35	809.00 / -17	Eaton Corp - Ann Arbor SW Corner of S First & W Liberty Sts MI 48103	BEA
Facility ID (Web):		81000540		Facility ID (Map):		81000540
Bea No (Web):		200500636JK		Bea No (Map):		200500636JK
Fac Name (Web):		Eaton Corp - Ann Arbor		Fac Name (Map):		Eaton Corp - Ann Arbor
Address (Web):		SW Corner of S First & W Liberty Sts		Address (Map):		SW Corner of S First & W Liberty Sts
City (Web):				City (Map):		
Zip (Web):		48103		Zip (Map):		48103
County (Web):		Washtenaw		County (Map):		Washtenaw
Township (Web):		Ann Arbor City		Township (Map):		Ann Arbor City
District (Web):		Jackson		District (Map):		Jackson
Latitude (Web):		42.27897		Latitude (Map):		42.27897
Longitude (Web):		-83.75116		Longitude (Map):		-83.75116
Data Source (Web):		BEA		Data Source (Map):		BEA
Accuracy:				Method of Collect:		LocationBased
Facility 2:				Object ID:		6158
Source:				ID:		15451
Submitted:						
Source:		DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)				

110	1 of 2	SW	0.32 / 1,676.18	808.31 / -18	300 W Liberty St Ann Arbor MI 48103	BEA
Facility ID (Web):		81000633		Facility ID (Map):		
Bea No (Web):		201301268JK		Bea No (Map):		201301268JK
Fac Name (Web):				Fac Name (Map):		
Address (Web):		300 W. Liberty Street		Address (Map):		300 W Liberty St
City (Web):				City (Map):		Ann Arbor
Zip (Web):		48103		Zip (Map):		48103
County (Web):		Washtenaw		County (Map):		Washtenaw
Township (Web):		Ann Arbor City		Township (Map):		Ann Arbor City
District (Web):		Jackson		District (Map):		Jackson
Latitude (Web):		42.27987		Latitude (Map):		42.27958288
Longitude (Web):		-83.75128		Longitude (Map):		-83.75112846
Data Source (Web):		BEA		Data Source (Map):		BEA
Accuracy:				Method of Collect:		Geocode
Facility 2:				Object ID:		6357
Source:				ID:		1699
Submitted:						
Source:		DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)				

110	2 of 2	SW	0.32 / 1,676.18	808.31 / -18	300 West Liberty Street 300 West Liberty Street, Ann Arbor, MI, 48103 MI	SHWS
EPA ID:				Source:		
Facility ID (Web):		81000633		EGLE District:		
Site ID (Map):		81000633		House District:		Yousef Rabhi
Regulatory Program:		201		Senate District:		Jeff Irwin
Lust Name:				Hzaccms:		
Project Manager:		Wilde, Dan		Scale No:		
Release Status:				MGR X:		
Pollutants:				MGR Y:		
Fac Name (Web):		300 West Liberty Street				
Address (Web):		300 West Liberty Street, Ann Arbor, MI, 48103				
City (Web):		Ann Arbor				
Township (Web):						
County (Web):		Washtenaw				
Latitude (Web):		42.27971363				
Longitude (Web):		-83.75131958				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Site Name (Map):		300 West Liberty Street				
Address (Map):		300 West Liberty Street				
City (Map):		Ann Arbor				
Zip Code (Map):		48103				
County (Map):		Washtenaw				
Latitude (Map):		42.279714				
Longitude (Map):		-83.7513195				
US Congressional District:		Debbie Dingell				
H Ref Datum:						
H Ref Moc:						
OS Descrip:		Risks Controlled-Interim				
Ref Desc:						
Risk Condition:		Risks Controlled-Interim				
Data Source:		DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)				

[111](#) 1 of 1 NE 0.32 / 1,680.38 784.65 / -41 Mich Con - Beakes Street 320 340 Depot Street & 325 Summit Street, Ann Arbor, MI, 48104 MI SHWS

EPA ID:

Facility ID (Web): 81000024

Site ID (Map): 81000024

Regulatory Program: 201

Lust Name:

Project Manager: Wilde, Dan

Release Status:

Pollutants:

Fac Name (Web): Mich Con - Beakes Street

Address (Web): 320 340 Depot Street & 325 Summit Street, Ann Arbor, MI, 48104

City (Web): Ann Arbor

Township (Web):

County (Web): Washtenaw

Latitude (Web): 42.28734061

Longitude (Web): -83.74348029

Site Name (Map): Mich Con - Beakes Street

Address (Map): 320 340 Depot Street & 325 Summit Street

City (Map): Ann Arbor

Zip Code (Map): 48104

County (Map): Washtenaw

Latitude (Map): 42.287341

Longitude (Map): -83.7434802

US Congressional District: Debbie Dingell

H Ref Datum: North American Datum of 1983

H Ref Moc: The geographic coordinate determination method based on interpolation-map.

OS Descrip: Risks Present and Require Action in Short-term

Ref Desc: Center of a facility or station.

Risk Condition: Risks Present and Require Action in Short-term

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

Source:

EGLE District:

House District: Felicia Brabec

Senate District: Jeff Irwin

Hzaccms: 15

Scale No: 24,000

MGR X: 685905.17

MGR Y: 195528.99

[112](#) 1 of 1 SW 0.32 / 1,681.47 808.31 / -18 Blank Slate Creamery 300 W. Liberty Ann Arbor MI 48103 FED BROWNFIELDS

Property ID: 169918

Lat Measure: 42.279645

Long Measure: -83.751305

Property Name: Blank Slate Creamery

Address: 300 W. Liberty

City: Ann Arbor

State Code: MI

Zip Code: 48103

Primary Name (Map): BLANK SLATE CREAMERY

Location Address (Map): 300 W. LIBERTY

BF Property (Map): 169918

Latitude (Map): 42.279645

Longitude (Map): -83.751305

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
City Name (Map):		ANN ARBOR				
County Name (Map):		WASHTENAW				
State Code (Map):		MI				
Postal Code (Map):		48103				

Brownfields Details

Registry I:	110057204190	EPA ID:			
EPA Region:	05	BF RLF Gra:			
Cat No:	04090005	BF RLF Pil:			
RCRA Handl:		BF Assess :			
RCRA Curre:		BF Cleanup:			
RCRA Remed:		BF Tba Ind:			
RCRA Const:		BF 128a In:			
RCRA El He:		BF IC Code:		U	
RCRA El Gm:		BF IC Gc I:		U	
RCRA Rem 1:		BF IC Ep I:		U	
RCRA Ec Gw:		BF IC ID I:		U	
RCRA Ec Ng:		BF IC Pr I:		U	
RCRA IC Ep:		FF Brac In:			
RCRA IC Gc:		BF RLF Ind:			
RCRA IC ID:		BF Assess1:		Y	
RCRA IC Pr:		BF Multipu:			
FF RCRA In:		BF Awp Ind:			
RCRA Trans:		BF Showcas:			
RCRA Tra 1:		BF 128a P :			
RCRA Ec Co:		LUST Relea:			
RCRA IC Co:		LUST Award:			
RCRA Gpra :		LUST State:			
RCRA Rem 2:		Congressio:		MI-12	
RCRA Dru 1:		FD Agency :			
SF Site ID:		FD Listing:			
SF Ec Ind:		FD Non NPL:			
SF El Gm C:		FD RCRA Ha:			
SF El He C:		FD RCRA Ca:			
SF IC Ind:		FD SF NPL :			
SF NPL Cod:		FD FF Ind:			
SF NPL C 1:		FD Ej Code:			
SF Admin F:		FD Brac In:			
FF And Sit:		FD Federal:			
FF SF Ind:		FD Hrs Sco:			
Map Symbol:	B	FD Ongoing:			
Data Refre:	29-Jul-2022	FD NPL Sta:			
GIS Refres:		FD Non N 1:			
New Site:		FD RCRA Gw:			
Repow Ref :	https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER::::P33_REF:27156	FD RCRA He:			
EPAOSC Sit:		FD GMS Sur:			
EPAOSC Res:		FD Hes Sur:			
EPAOSC R 1:		FD SF Site:			
EPAOSC Sta:		FD Brac Ro:			
EPAOSC Inc:		Stimulus S:			
Desc :		Stimulus B:			
Ind Name:					
Cat Name:	Huron				
Sub Name:	Huron				
Primary Name:	BLANK SLATE CREAMERY				
RCRA Drupa:					
Url:	https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%22169918.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page				
Census Url:	https://ejsscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-83.751305%2C42.27964499999995&featype=point&radius=1.0				
ACS Url:	https://ejsscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-83.751305%2C42.27964499999995&featype=point&radius=1.0				
SF Site Na:		UST Status:			
SF Non Npl:		UST Substa:			
SF Non N 1:		UST Landus:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
SF Non N 3: ERR Lat Lo: REPOW BF: REPOW SF: REPOW RCRA: REPOW Ref1: RCRA Han 1: RCRA Rau I: BF Propert: REPOW Re 1:	SG 27156				UST SPA Wa: UST SPA Fa: UST WHPA W: UST WHPA F: UST Open: UST Closed: LUST ID: Saa Site:	
BF Prope 1: SF Non N 2:		169918-			RE-Powering Site Profile Blank Slate Creamery	

Cleanups In My Community (CIMC)

Grant ID:	69600961	ASMT Cntrl Sub :	
Grant Type:	Assessment	Cleanup Cntrl Sub :	
EPA Region:	05	ASMT Asbestos :	
Ownership Entity:	Private	Cleanup Asbestos :	
Latitude Measure:	42.279645	ASMT Pcb :s :	
Longitude Measure:	-83.751305	Cleanup Pcb :s :	
Flag Cleanup Reqcd:	Y	ASMT Voc :s :	
Flag IC Required:	U	Cleanup Voc :s :	
Stcntrbg:		ASMT Lead :	
Property Size:	.12	Cleanup Lead :	
Flag IC in Place:	N	ASMT Oth Metal :	
IC in Place Date:		Cleanup Oth Metal :	
Prop Cntrl :		ASMT Pah :s :	
Gov Cntrl :		Cleanup Pah :s :	
Permit Tools :		ASMT Oth Cont:	
Info DevICes :		Cleanup Oth Cont:	
Prop Fnding Type Cd:	Petroleum	ASMT Air :	
Ownshp Changed :	N	Cleanup Air :	
Sflp Factor :		ASMT Drk Wat:	
Source Mapscale No:		Cleanup Drk Wat:	
Past Cml Acres:	.12	ASMT Grd Water:	Y
Future Cml Acres:	.12	Cleanup Grd Water:	
Past Grnspc Acres:		ASMT Sediments :	
Future Grnspc Acres:		Cleanup Sediments :	
Past Acres:		ASMT Soil :	Y
Future Acres:		Cleanup Soil :	
Past Res Acres:		ASMT Srf Water :	
Future Res Acres:		Cleanup Srf Water :	
St Enrollment Dt:		Other Media :	
St Enrollment ID:		Unknown Media :	
St NFA Dt:		Ready For Reuse :	N
Assess Petrol Prod :	Y	Assess Amount:	4500
Cleanup Petrol Prod :		Assess Fnd Ent Nm:	EPA
Assess Start Dt:	09/30/2013	Photo Available :	Y
Assess Cmpltn Dt:	10/30/2013	Video Available :	N
Cleanup Start Dt:		Cleanup Acres:	
Cleanup Cmpltn Dt:		Cleanup Amount:	
Redev Start Dt:		Redev Acres:	
Redev Cleanup Jobs:		Redev Amount:	
Grant Recipient Nm:	Downriver Community Conference		
PropertyNm:	Blank Slate Creamery		
Address:	300 W. Liberty		
City:	Ann Arbor		
State Code:	MI		
Zip Code:	48103		
Local Parcel No:			
Current Owner:			
IC Data Address:			
Horizontal Collection Method:	Address Matching-House Number		
Reference Point:	Entrance Point of a Facility or Station		
Horizontal Reference Datum:	North American Datum of 1983		
Other Description:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Other Desc Cleaned Up:

Assess Type: Supplemental Assessment
Assess Fund Entity: US EPA - Brownfields Assessment Cooperative Agreement
Cleanup Funding EntityNm:
Cleanup Fund Entity:
Redev Funding Entity Nm:
Desc Hist:

The subject property has been developed since at least 1888 with the subject building (utilized for wool storage), and a residential dwelling on the southern portion of the subject property. The residential dwelling was converted into a furniture storage building and an annex was constructed between the two buildings. By 1925, the annex and furniture storage building had been demolished, leaving the Subject Building. The site was converted into a gasoline filling station and auto service garage and existed as such, until approximately 1968, when Ann Arbor Implement utilized the subject property as storage. In 1972, a grocery store was opened on the subject property utilizing the subject building, until 1994 when the subject property was vacated.

Accmplisht Cnt Flag:	N	Vacant Housing:	326
Coop Agreement No:	00E01038	Vacant Housing Pct:	8.81
Past Mltistry Acres:		Total Unemployed:	312
Ftr Multistory Acres:		Unemployed Pct:	4.52
Assess Cadmium :		Radius:	.5
Clnup Cadmium :		Actvy Funded:	
Assess Chromium :		Redev Lvrgd Srcs:	
Clnup Chromium :		AA Amt Funding:	
Assess Copper :		Flag Clnup Trmt Tech:	
Clnup Copper :		Excavation Disposal:	
Assess Iron :		Extrctn of Cntmnts:	
Clnup Iron :		Removal of Mats:	
Assess Nickel :		Rdctn of Cntmnts:	
Clnup Nickel :		Clnup of Structures:	
Assess Selenium :		Env EC Required:	Y
Clnup Selenium :		Flag EC Cover Tech:	
Assess Mercury :		Flag EC Security:	
Clnup Mercury :		Flag EC Immblyztn:	
Assess ArsenIC :		Flag EC Eng Barriers:	
Clnup ArsenIC :		Flag EC Other:	Y
Assess Bldg Mats :		Env IC in Place:	N
Clnup Bldg Mats :		Env EC in Place:	N
Assess oorair :		Env Clnup Jobs:	
Clnup oorair :		Sect 128 A State Trbl:	
Assess None :		Multipurpose:	
Clnup None :		Clnup Cst Shr Amt:	
Assess Pesticides :		RLF Loan Amount:	
Clnup Pesticides :		RLF Ln Cst Shr Amt:	
Assess Unknown :		Pro Income Amt:	
Clnup Unknown :		Dt RLF Loan Signd:	
Assess Svocs :		Repayment Period:	
Clnup Svocs :		Interest Rate:	
Clnup Unkn Media :		RLF Subgrant Amt:	
Redev Cmpltn Date:		Cost Share Amt:	
Pro Code:	BF	Env Pro Income Amt:	
FCA Fy:		Dt RLF Sbgrnt Signd:	
Flag EC in Place:	N	Clnup Actvy Funded:	
Flag EC Required:	Y	Below Poverty:	3005
RFR Notation:		Below Poverty Pct:	43.58
Gpa Type ID:	12	Median Income:	5186
Clnup Doc:	N	Low Income:	3910
Awp Catalyst Yn:		Low Income Pct:	56.7

Flag Prop Not Enrld: Y
Redev Fund Entity:
Gpa Type Desc: Supplemental Assessment
AA Actvy Funded: BEA/Due Care Plan
AA Source of Funding:
Clnup Trmt Tech Info:
EC Data Address:
EC Addl Info:
Env IC Data Address:
Other Forms of Doc:
IC Addl Info:
Highlights:

Site is a former gasoline fueling station. Developer is looking to remodel into a creamery with potential residential units. Former Use: The subject property has been developed since at least 1888 with the subject building (utilized

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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for wool storage), and a residential dwelling on the southern portion of the subject property. The residential dwelling was converted into a furniture storage building and an annex was constructed between the two buildings. By 1925, the annex and furniture storage building had been demolished, leaving the Subject Building. The site was converted into a gasoline filling station and auto service garage and existed as such, until approximately 1968, when Ann Arbor Implement utilized the subject property as storage. In 1972, a grocery store was opened on the subject property utilizing the subject building, until 1994 when the subject property was vacated.

Property Alias:

Ctmnt Found:

Petroleum Products

Ctmnt Cleanedup:

Ctmnt Rec:

Petroleum Products

Media Affected:

Ground Water Soil

Cleanups In My Community (CIMC)

Grant ID:	69600961	ASMT Cntrl Sub :	
Grant Type:	Assessment	Cleanup Cntrl Sub :	
EPA Region:	05	ASMT Asbestos :	
Ownership Entity:	Private	Cleanup Asbestos :	
Latitude Measure:	42.279645	ASMT Pcb's :	
Longitude Measure:	-83.751305	Cleanup Pcb's :	
Flag Cleanup Req'd:	Y	ASMT Vocs :	
Flag IC Required:	U	Cleanup Vocs :	
Stcntrbg:		ASMT Lead :	
Property Size:	.12	Cleanup Lead :	
Flag IC in Place:	N	ASMT Oth Metal :	
IC in Place Date:		Cleanup Oth Metal :	
Prop Cntrl :		ASMT Pahs :	
Gov Cntrl :		Cleanup Pahs :	
Permit Tools :		ASMT Oth Cont:	
Info DevICes :		Cleanup Oth Cont:	
Prop Fnding Type Cd:	Petroleum	ASMT Air :	
Ownshp Changed :	N	Cleanup Air :	
Sflp Factor :		ASMT Drk Wat:	
Source Mapscale No:		Cleanup Drk Wat:	
Past Cml Acres:	.12	ASMT Grd Water:	Y
Future Cml Acres:	.12	Cleanup Grd Water:	
Past Grnspc Acres:		ASMT Sediments :	
Future Grnspc Acres:		Cleanup Sediments :	
Past Acres:		ASMT Soil :	Y
Future Acres:		Cleanup Soil :	
Past Res Acres:		ASMT Srf Water :	
Future Res Acres:		Cleanup Srf Water :	
St Enrollment Dt:		Other Media :	
St Enrollment ID:		Unknown Media :	
St NFA Dt:		Ready For Reuse :	N
Assess Petrol Prod :	Y	Assess Amount:	12495
Cleanup Petrol Prod :		Assess Fnd Ent Nm:	EPA
Assess Start Dt:	09/30/2013	Photo Available :	Y
Assess Cmpltn Dt:	10/30/2013	Video Available :	N
Cleanup Start Dt:		Cleanup Acres:	
Cleanup Cmpltn Dt:		Cleanup Amount:	
Redev Start Dt:		Redev Acres:	
Redev Cleanup Jobs:		Redev Amount:	
Grant Recipient Nm:	Downriver Community Conference		
PropertyNm:	Blank Slate Creamery		
Address:	300 W. Liberty		
City:	Ann Arbor		
State Code:	MI		
Zip Code:	48103		
Local Parcel No:			
Current Owner:			
IC Data Address:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Horizontal Collection Method:		Address Matching-House Number				
Reference Point:		Entrance Point of a Facility or Station				
Horizontal Reference Datum:		North American Datum of 1983				
Other Description:						
Other Desc Cleaned Up:						
Assess Type:		Phase II Environmental Assessment				
Assess Fund Entity:		US EPA - Brownfields Assessment Cooperative Agreement				
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Redev Funding Entity Nm:						
Desc Hist:		<p>The subject property has been developed since at least 1888 with the subject building (utilized for wool storage), and a residential dwelling on the southern portion of the subject property. The residential dwelling was converted into a furniture storage building and an annex was constructed between the two buildings. By 1925, the annex and furniture storage building had been demolished, leaving the Subject Building. The site was converted into a gasoline filling station and auto service garage and existed as such, until approximately 1968, when Ann Arbor Implement utilized the subject property as storage. In 1972, a grocery store was opened on the subject property utilizing the subject building, until 1994 when the subject property was vacated.</p>				
Accmplisht Cnt Flag:	Y				Vacant Housing:	326
Coop Agreement No:	00E01038				Vacant Housing Pct:	8.81
Past Mltistry Acres:					Total Unemployed:	312
Ftr Multistory Acres:					Unemployed Pct:	4.52
Assess Cadmium :					Radius:	.5
Clnup Cadmium :					Actvy Funded:	
Assess Chromium :					Redev Lvrgd Srcls:	
Clnup Chromium :					AA Amt Funding:	
Assess Copper :					Flag Clnup Trmt Tech:	
Clnup Copper :					Excavation Disposal:	
Assess Iron :					Extrctn of Cntmnts:	
Clnup Iron :					Removal of Mats:	
Assess Nickel :					Rdctn of Cntmnts:	
Clnup Nickel :					Clnup of Structures:	
Assess Selenium :					Env EC Required:	Y
Clnup Selenium :					Flag EC Cover Tech:	
Assess Mercury :					Flag EC Security:	
Clnup Mercury :					Flag EC Immblztn:	
Assess ArsenIC :					Flag EC Eng Barriers:	
Clnup ArsenIC :					Flag EC Other:	Y
Assess Bldg Mats :					Env IC in Place:	N
Clnup Bldg Mats :					Env EC in Place:	N
Assess oorair :					Env Clnup Jobs:	
Clnup oorair :					Sect 128 A State Trbl:	
Assess None :					Multipurpose:	
Clnup None :					Clnup Cst Shr Amt:	
Assess Pesticides :					RLF Loan Amount:	
Clnup Pesticides :					RLF Ln Cst Shr Amt:	
Assess Unknown :					Pro Income Amt:	
Clnup Unknown :					Dt RLF Loan Signed:	
Assess Svocs :					Repayment Period:	
Clnup Svocs :					Interest Rate:	
Clnup Unkn Media :					RLF Subgrant Amt:	
Redev Cmpltn Date:					Cost Share Amt:	
Pro Code:	BF				Env Pro Income Amt:	
FCA Fy:	FY14				Dt RLF Sbgrrt Signd:	
Flag EC in Place:	N				Clnup Actvy Funded:	
Flag EC Required:	Y				Below Poverty:	3005
RFR Notation:					Below Poverty Pct:	43.58
Gpa Type ID:	2				Median Income:	5186
Clnup Doc:	N				Low Income:	3910
Awp Catalyst Yn:					Low Income Pct:	56.7
Flag Prop Not Enrld:	Y					
Redev Fund Entity:						
Gpa Type Desc:		Phase II Environmental Assessment				
AA Actvy Funded:		Phase I ESA				
AA Source of Funding:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Other Forms of Doc:

IC Addl Info:

Highlights:

Site is a former gasoline fueling station. Developer is looking to remodel into a creamery with potential residential units. Former Use: The subject property has been developed since at least 1888 with the subject building (utilized for wool storage), and a residential dwelling on the southern portion of the subject property. The residential dwelling was converted into a furniture storage building and an annex was constructed between the two buildings. By 1925, the annex and furniture storage building had been demolished, leaving the Subject Building. The site was converted into a gasoline filling station and auto service garage and existed as such, until approximately 1968, when Ann Arbor Implement utilized the subject property as storage. In 1972, a grocery store was opened on the subject property utilizing the subject building, until 1994 when the subject property was vacated.

Property Alias:

Ctmnt Found:

Petroleum Products

Ctmnt Cleanedup:

Ctmnt Rec:

Petroleum Products

Media Affected:

Ground Water Soil

Cleanups In My Community (CIMC)

Grant ID:	69600961	ASMT Cntrl Sub :	
Grant Type:	Assessment	Cleanup Cntrl Sub :	
EPA Region:	05	ASMT Asbestos :	
Ownership Entity:	Private	Cleanup Asbestos :	
Latitude Measure:	42.279645	ASMT PcbS :	
Longitude Measure:	-83.751305	Cleanup PcbS :	
Flag Cleanup Reqcd:	Y	ASMT Vocs :	
Flag IC Required:	U	Cleanup Vocs :	
Stcntrbg:		ASMT Lead :	
Property Size:	.12	Cleanup Lead :	
Flag IC in Place:	N	ASMT Oth Metal :	
IC in Place Date:		Cleanup Oth Metal :	
Prop Cntrl :		ASMT Pahs :	
Gov Cntrl :		Cleanup Pahs :	
Permit Tools :		ASMT Oth Cont:	
Info DevICes :		Cleanup Oth Cont:	
Prop Fndng Type Cd:	Petroleum	ASMT Air :	
Ownshp Changed :	N	Cleanup Air :	
Sfillp Factor :		ASMT Drk Wat:	
Source Mapscale No:		Cleanup Drk Wat:	
Past Cml Acres:	.12	ASMT Grd Water:	Y
Future Cml Acres:	.12	Cleanup Grd Water:	
Past Grnspc Acres:		ASMT Sediments :	
Future Grnspc Acres:		Cleanup Sediments :	
Past Acres:		ASMT Soil :	Y
Future Acres:		Cleanup Soil :	
Past Res Acres:		ASMT Srf Water :	
Future Res Acres:		Cleanup Srf Water :	
St Enrollment Dt:		Other Media :	
St Enrollment ID:		Unknown Media :	
St NFA Dt:		Ready For Reuse :	N
Assess Petrol Prod :	Y	Assess Amount:	12495
Cleanup Petrol Prod :		Assess Fnd Ent Nm:	EPA
Assess Start Dt:	09/30/2013	Photo Available :	Y
Assess Cmpltn Dt:	10/30/2013	Video Available :	N
Cleanup Start Dt:		Cleanup Acres:	
Cleanup Cmpltn Dt:		Cleanup Amount:	
Redev Start Dt:		Redev Acres:	
Redev Cleanup Jobs:		Redev Amount:	
Grant Recipient Nm:	Downriver Community Conference		
PropertyNm:	Blank Slate Creamery		
Address:	300 W. Liberty		
City:	Ann Arbor		
State Code:	MI		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Zip Code:		48103				
Local Parcel No:						
Current Owner:						
IC Data Address:						
Horizontal Collection Method:		Address Matching-House Number				
Reference Point:		Entrance Point of a Facility or Station				
Horizontal Reference Datum:		North American Datum of 1983				
Other Description:						
Other Desc Cleaned Up:						
Assess Type:		Phase II Environmental Assessment				
Assess Fund Entity:		US EPA - Brownfields Assessment Cooperative Agreement				
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Redev Funding Entity Nm:						
Desc Hist:		The subject property has been developed since at least 1888 with the subject building (utilized for wool storage), and a residential dwelling on the southern portion of the subject property. The residential dwelling was converted into a furniture storage building and an annex was constructed between the two buildings. By 1925, the annex and furniture storage building had been demolished, leaving the Subject Building. The site was converted into a gasoline filling station and auto service garage and existed as such, until approximately 1968, when Ann Arbor Implement utilized the subject property as storage. In 1972, a grocery store was opened on the subject property utilizing the subject building, until 1994 when the subject property was vacated.				
Accmplisht Cnt Flag:	Y				Vacant Housing:	326
Coop Agreement No:	00E01038				Vacant Housing Pct:	8.81
Past Mltistry Acres:					Total Unemployed:	312
Ftr Multistory Acres:					Unemployed Pct:	4.52
Assess Cadmium :					Radius:	.5
Clnup Cadmium :					Actvy Funded:	
Assess Chromium :					Redev Lvrgd Srcs:	
Clnup Chromium :					AA Amt Funding:	
Assess Copper :					Flag Clnup Trmt Tech:	
Clnup Copper :					Excavation Disposal:	
Assess Iron :					Extrctn of Cntmnts:	
Clnup Iron :					Removal of Mats:	
Assess Nickel :					Rdctn of Cntmnts:	
Clnup Nickel :					Clnup of Structures:	
Assess Selenium :					Env EC Required:	Y
Clnup Selenium :					Flag EC Cover Tech:	
Assess Mercury :					Flag EC Security:	
Clnup Mercury :					Flag EC Immblyzn:	
Assess ArsenIC :					Flag EC Eng Barriers:	
Clnup ArsenIC :					Flag EC Other:	Y
Assess Bldg Mats :					Env IC in Place:	N
Clnup Bldg Mats :					Env EC in Place:	N
Assess oorair :					Env Clnup Jobs:	
Clnup oorair :					Sect 128 A State Trbl:	
Assess None :					Multipurpose:	
Clnup None :					Clnup Cst Shr Amt:	
Assess Pesticides :					RLF Loan Amount:	
Clnup Pesticides :					RLF Ln Cst Shr Amt:	
Assess Unknown :					Pro Income Amt:	
Clnup Unknown :					Dt RLF Loan Signed:	
Assess Svocs :					Repayment Period:	
Clnup Svocs :					Interest Rate:	
Clnup Unkn Media :					RLF Subgrant Amt:	
Redev Cmpltn Date:					Cost Share Amt:	
Pro Code:	BF				Env Pro Income Amt:	
FCA Fy:	FY14				Dt RLF Sbrgrnt Signd:	
Flag EC in Place:	N				Clnup Actvy Funded:	
Flag EC Required:	Y				Below Poverty:	3005
RFR Notation:					Below Poverty Pct:	43.58
Gpa Type ID:	2				Median Income:	5186
Clnup Doc:	N				Low Income:	3910
Awp Catalyst Yn:					Low Income Pct:	56.7
Flag Prop Not Enrld:	Y					
Redev Fund Entity:						
Gpa Type Desc:		Phase II Environmental Assessment				
AA Actvy Funded:		Phase II ESA				
AA Source of Funding:						

Clnup Trmt Tech Info:
EC Data Address:
EC Addl Info:
Env IC Data Address:
Other Forms of Doc:
IC Addl Info:
Highlights:

Site is a former gasoline fueling station. Developer is looking to remodel into a creamery with potential residential units. Former Use: The subject property has been developed since at least 1888 with the subject building (utilized for wool storage), and a residential dwelling on the southern portion of the subject property. The residential dwelling was converted into a furniture storage building and an annex was constructed between the two buildings. By 1925, the annex and furniture storage building had been demolished, leaving the Subject Building. The site was converted into a gasoline filling station and auto service garage and existed as such, until approximately 1968, when Ann Arbor Implement utilized the subject property as storage. In 1972, a grocery store was opened on the subject property utilizing the subject building, until 1994 when the subject property was vacated.

Property Alias:
Ctmnt Found: Petroleum Products
Ctmnt Cleanedup:
Ctmnt Rec:

Petroleum Products

Media Affected:

Ground Water Soil

Cleanups In My Community (CIMC)

Grant ID:	69600961	ASMT Cntrl Sub :	
Grant Type:	Assessment	Cleanup Cntrl Sub :	
EPA Region:	05	ASMT Asbestos :	
Ownership Entity:	Private	Cleanup Asbestos :	
Latitude Measure:	42.279645	ASMT PcbS :	
Longitude Measure:	-83.751305	Cleanup PcbS :	
Flag Cleanup Reqcd:	Y	ASMT Vocs :	
Flag IC Required:	U	Cleanup Vocs :	
Stcntrbg:		ASMT Lead :	
Property Size:	.12	Cleanup Lead :	
Flag IC in Place:	N	ASMT Oth Metal :	
IC in Place Date:		Cleanup Oth Metal :	
Prop Cntrl :		ASMT Pahs :	
Gov Cntrl :		Cleanup Pahs :	
Permit Tools :		ASMT Oth Cont:	
Info Dev/Ces :		Cleanup Oth Cont:	
Prop Fnding Type Cd:	Petroleum	ASMT Air :	
Ownshp Changed :	N	Cleanup Air :	
Sflp Factor :		ASMT Drk Wat:	
Source Mapscale No:		Cleanup Drk Wat:	
Past Cml Acres:	.12	ASMT Grd Water:	Y
Future Cml Acres:	.12	Cleanup Grd Water:	
Past Grnspc Acres:		ASMT Sediments :	
Future Grnspc Acres:		Cleanup Sediments :	
Past Acres:		ASMT Soil :	Y
Future Acres:		Cleanup Soil :	
Past Res Acres:		ASMT Srf Water :	
Future Res Acres:		Cleanup Srf Water :	
St Enrollment Dt:		Other Media :	
St Enrollment ID:		Unknown Media :	
St NFA Dt:		Ready For Reuse :	N
Assess Petrol Prod :	Y	Assess Amount:	2100
Cleanup Petrol Prod :		Assess Fnd Ent Nm:	Developer
Assess Start Dt:	07/26/2013	Photo Available :	Y
Assess Cmpltn Dt:	09/13/2013	Video Available :	N
Cleanup Start Dt:		Cleanup Acres:	
Cleanup Cmpltn Dt:		Cleanup Amount:	
Redev Start Dt:		Redev Acres:	
Redev Cleanup Jobs:		Redev Amount:	
Grant Recipient Nm:	Downriver Community Conference		

PropertyNm: Blank Slate Creamery
Address: 300 W. Liberty
City: Ann Arbor
State Code: MI
Zip Code: 48103
Local Parcel No:
Current Owner:
IC Data Address:
Horizontal Collection Method: Address Matching-House Number
Reference Point: Entrance Point of a Facility or Station
Horizontal Reference Datum: North American Datum of 1983
Other Description:
Other Desc Cleaned Up:
Assess Type: Phase I Environmental Assessment
Assess Fund Entity: Private/Other Funding
Cleanup Funding EntityNm:
Cleanup Fund Entity:
Redev Funding Entity Nm:
Desc Hist:

The subject property has been developed since at least 1888 with the subject building (utilized for wool storage), and a residential dwelling on the southern portion of the subject property. The residential dwelling was converted into a furniture storage building and an annex was constructed between the two buildings. By 1925, the annex and furniture storage building had been demolished, leaving the Subject Building. The site was converted into a gasoline filling station and auto service garage and existed as such, until approximately 1968, when Ann Arbor Implement utilized the subject property as storage. In 1972, a grocery store was opened on the subject property utilizing the subject building, until 1994 when the subject property was vacated.

Accmplisht Cnt Flag:	N	Vacant Housing:	326
Coop Agreement No:	00E01038	Vacant Housing Pct:	8.81
Past Mltistry Acres:		Total Unemployed:	312
Ftr Multistory Acres:		Unemployed Pct:	4.52
Assess Cadmium :		Radius:	.5
Clnup Cadmium :		Actvy Funded:	
Assess Chromium :		Redev Lvrgd Srcs:	
Clnup Chromium :		AA Amt Funding:	
Assess Copper :		Flag Clnup Trmt Tech:	
Clnup Copper :		Excavation Disposal:	
Assess Iron :		Extrctn of Cntmnts:	
Clnup Iron :		Removal of Mats:	
Assess Nickel :		Rdctn of Cntmnts:	
Clnup Nickel :		Clnup of Structures:	
Assess Selenium :		Env EC Required:	Y
Clnup Selenium :		Flag EC Cover Tech:	
Assess Mercury :		Flag EC Security:	
Clnup Mercury :		Flag EC Immblyztn:	
Assess ArsenIC :		Flag EC Eng Barriers:	
Clnup ArsenIC :		Flag EC Other:	Y
Assess Bldg Mats :		Env IC in Place:	N
Clnup Bldg Mats :		Env EC in Place:	N
Assess oorair :		Env Clnup Jobs:	
Clnup oorair :		Sect 128 A State Trbl:	
Assess None :		Multipurpose:	
Clnup None :		Clnup Cst Shr Amt:	
Assess Pesticides :		RLF Loan Amount:	
Clnup Pesticides :		RLF Ln Cst Shr Amt:	
Assess Unknown :		Pro Income Amt:	
Clnup Unknown :		Dt RLF Loan Signed:	
Assess Svocs :		Repayment Period:	
Clnup Svocs :		Interest Rate:	
Clnup Unkn Media :		RLF Subgrant Amt:	
Redev Cmpltn Date:		Cost Share Amt:	
Pro Code:	BF	Env Pro Income Amt:	
FCA Fy:		Dt RLF Sbrgrnt Signd:	
Flag EC in Place:	N	Clnup Actvy Funded:	
Flag EC Required:	Y	Below Poverty:	3005
RFR Notation:		Below Poverty Pct:	43.58
Gpa Type ID:	1	Median Income:	5186
Clnup Doc:	N	Low Income:	3910
Awp Catalyst Yn:		Low Income Pct:	56.7
Flag Prop Not Enrld:	Y		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Redev Fund Entity:

Gpa Type Desc: Phase I Environmental Assessment

AA Actvy Funded: Phase I ESA

AA Source of Funding: Private/Other Funding

Clnup Trmt Tech Info:

EC Data Address:

EC Addl Info:

Env IC Data Address:

Other Forms of Doc:

IC Addl Info:

Highlights:

Site is a former gasoline fueling station. Developer is looking to remodel into a creamery with potential residential units. Former Use: The subject property has been developed since at least 1888 with the subject building (utilized for wool storage), and a residential dwelling on the southern portion of the subject property. The residential dwelling was converted into a furniture storage building and an annex was constructed between the two buildings. By 1925, the annex and furniture storage building had been demolished, leaving the Subject Building. The site was converted into a gasoline filling station and auto service garage and existed as such, until approximately 1968, when Ann Arbor Implement utilized the subject property as storage. In 1972, a grocery store was opened on the subject property utilizing the subject building, until 1994 when the subject property was vacated.

Property Alias:

Ctmnt Found: Petroleum Products

Ctmnt Cleanedup:

Ctmnt Rec:

Petroleum Products

Media Affected:

Ground Water Soil

Cleanups In My Community (CIMC)

Grant ID:	69600961	ASMT Cntrl Sub :	
Grant Type:	Assessment	Cleanup Cntrl Sub :	
EPA Region:	05	ASMT Asbestos :	
Ownership Entity:	Private	Cleanup Asbestos :	
Latitude Measure:	42.279645	ASMT PcbS :	
Longitude Measure:	-83.751305	Cleanup PcbS :	
Flag Cleanup Reqd:	Y	ASMT Vocs :	
Flag IC Required:	U	Cleanup Vocs :	
Stcntrbg:		ASMT Lead :	
Property Size:	.12	Cleanup Lead :	
Flag IC in Place:	N	ASMT Oth Metal :	
IC in Place Date:		Cleanup Oth Metal :	
Prop Cntrl :		ASMT Pahs :	
Gov Cntrl :		Cleanup Pahs :	
Permit Tools :		ASMT Oth Cont:	
Info DevICes :		Cleanup Oth Cont:	
Prop Fndng Type Cd:	Petroleum	ASMT Air :	
Ownshp Changed :	N	Cleanup Air :	
Sflp Factor :		ASMT Drk Wat:	
Source Mapscale No:		Cleanup Drk Wat:	
Past Cml Acres:	.12	ASMT Grd Water:	Y
Future Cml Acres:	.12	Cleanup Grd Water:	
Past Grnspc Acres:		ASMT Sediments :	
Future Grnspc Acres:		Cleanup Sediments :	
Past Acres:		ASMT Soil :	Y
Future Acres:		Cleanup Soil :	
Past Res Acres:		ASMT Srf Water :	
Future Res Acres:		Cleanup Srf Water :	
St Enrollment Dt:		Other Media :	
St Enrollment ID:		Unknown Media :	
St NFA Dt:		Ready For Reuse :	N
Assess Petrol Prod :	Y	Assess Amount:	2100
Cleanup Petrol Prod :		Assess Fnd Ent Nm:	Developer
Assess Start Dt:	07/26/2013	Photo Available :	Y
Assess Cmpltn Dt:	09/13/2013	Video Available :	N
Cleanup Start Dt:		Cleanup Acres:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Cleanup Cmpltn Dt:					Cleanup Amount:	
Redev Start Dt:					Redev Acres:	
Redev Cleanup Jobs:					Redev Amount:	
Grant Recipient Nm:		Downriver Community Conference				
PropertyNm:		Blank Slate Creamery				
Address:		300 W. Liberty				
City:		Ann Arbor				
State Code:		MI				
Zip Code:		48103				
Local Parcel No:						
Current Owner:						
IC Data Address:						
Horizontal Collection Method:		Address Matching-House Number				
Reference Point:		Entrance Point of a Facility or Station				
Horizontal Reference Datum:		North American Datum of 1983				
Other Description:						
Other Desc Cleaned Up:						
Assess Type:		Phase I Environmental Assessment				
Assess Fund Entity:		Private/Other Funding				
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Redev Funding Entity Nm:						
Desc Hist:		The subject property has been developed since at least 1888 with the subject building (utilized for wool storage), and a residential dwelling on the southern portion of the subject property. The residential dwelling was converted into a furniture storage building and an annex was constructed between the two buildings. By 1925, the annex and furniture storage building had been demolished, leaving the Subject Building. The site was converted into a gasoline filling station and auto service garage and existed as such, until approximately 1968, when Ann Arbor Implement utilized the subject property as storage. In 1972, a grocery store was opened on the subject property utilizing the subject building, until 1994 when the subject property was vacated.				
Accmplisht Cnt Flag:	N				Vacant Housing:	326
Coop Agreement No:	00E01038				Vacant Housing Pct:	8.81
Past Mltistry Acres:					Total Unemployed:	312
Ftr Multistory Acres:					Unemployed Pct:	4.52
Assess Cadmium :					Radius:	.5
Clnup Cadmium :					Actvy Funded:	
Assess Chromium :					Redev Lvrgd Srcs:	
Clnup Chromium :					AA Amt Funding:	
Assess Copper :					Flag Clnup Trmt Tech:	
Clnup Copper :					Excavation Disposal:	
Assess Iron :					Extrctn of Cntmnts:	
Clnup Iron :					Removal of Mats:	
Assess Nickel :					Rdctn of Cntmnts:	
Clnup Nickel :					Clnup of Structures:	
Assess Selenium :					Env EC Required:	Y
Clnup Selenium :					Flag EC Cover Tech:	
Assess Mercury :					Flag EC Security:	
Clnup Mercury :					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC Eng Barriers:	
Clnup ArsenIC :					Flag EC Other:	Y
Assess Bldg Mats :					Env IC in Place:	N
Clnup Bldg Mats :					Env EC in Place:	N
Assess oorair :					Env Clnup Jobs:	
Clnup oorair :					Sect 128 A State Trbl:	
Assess None :					Multipurpose:	
Clnup None :					Clnup Cst Shr Amt:	
Assess Pesticides :					RLF Loan Amount:	
Clnup Pesticides :					RLF Ln Cst Shr Amt:	
Assess Unknown :					Pro Income Amt:	
Clnup Unknown :					Dt RLF Loan Signed:	
Assess Svocs :					Repayment Period:	
Clnup Svocs :					Interest Rate:	
Clnup Unkn Media :					RLF Subgrant Amt:	
Redev Cmpltn Date:					Cost Share Amt:	
Pro Code:	BF				Env Pro Income Amt:	
FCA Fy:					Dt RLF Sbrgrnt Signd:	
Flag EC in Place:	N				Clnup Actvy Funded:	
Flag EC Required:	Y				Below Poverty:	3005
RFR Notation:					Below Poverty Pct:	43.58

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Gpa Type ID:	1				Median Income:	5186
Clnup Doc:	N				Low Income:	3910
Awp Catalyst Yn:					Low Income Pct:	56.7
Flag Prop Not Enrld:	Y					
Redev Fund Entity:						
Gpa Type Desc:		Phase I Environmental Assessment				
AA Actvy Funded:		BEA/Due Care Plan				
AA Source of Funding:		Private/Other Funding				
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
Other Forms of Doc:						
IC Addl Info:						
Highlights:		Site is a former gasoline fueling station. Developer is looking to remodel into a creamery with potential residential units. Former Use: The subject property has been developed since at least 1888 with the subject building (utilized for wool storage), and a residential dwelling on the southern portion of the subject property. The residential dwelling was converted into a furniture storage building and an annex was constructed between the two buildings. By 1925, the annex and furniture storage building had been demolished, leaving the Subject Building. The site was converted into a gasoline filling station and auto service garage and existed as such, until approximately 1968, when Ann Arbor Implement utilized the subject property as storage. In 1972, a grocery store was opened on the subject property utilizing the subject building, until 1994 when the subject property was vacated.				
Property Alias:						
Ctmnt Found:		Petroleum Products				
Ctmnt Cleanedup:						
Ctmnt Rec:						
		Petroleum Products				
Media Affected:						
		Ground Water Soil				
<u>Cleanups In My Community (CIMC)</u>						
Grant ID:	69600961				ASMT Cntrl Sub :	
Grant Type:	Assessment				Cleanup Cntrl Sub :	
EPA Region:	05				ASMT Asbestos :	
Ownership Entity:	Private				Cleanup Asbestos :	
Latitude Measure:	42.279645				ASMT PcbS :	
Longitude Measure:	-83.751305				Cleanup PcbS :	
Flag Cleanup Reqcd:	Y				ASMT VocS :	
Flag IC Required:	U				Cleanup VocS :	
Stcntrbg:					ASMT Lead :	
Property Size:	.12				Cleanup Lead :	
Flag IC in Place:	N				ASMT Oth Metal :	
IC in Place Date:					Cleanup Oth Metal :	
Prop Cntrl :					ASMT Pahs :	
Gov Cntrl :					Cleanup Pahs :	
Permit Tools :					ASMT Oth Cont:	
Info DevICes :					Cleanup Oth Cont:	
Prop Fnding Type Cd:	Petroleum				ASMT Air :	
Ownshp Changed :	N				Cleanup Air :	
Sflp Factor :					ASMT Drk Wat:	
Source Mapscale No:					Cleanup Drk Wat:	
Past Cml Acres:	.12				ASMT Grd Water:	Y
Future Cml Acres:	.12				Cleanup Grd Water:	
Past Grnspc Acres:					ASMT Sediments :	
Future Grnspc Acres:					Cleanup Sediments :	
Past Acres:					ASMT Soil :	Y
Future Acres:					Cleanup Soil :	
Past Res Acres:					ASMT Srf Water :	
Future Res Acres:					Cleanup Srf Water :	
St Enrollment Dt:					Other Media :	
St Enrollment ID:					Unknown Media :	
St NFA Dt:					Ready For Reuse :	N
Assess Petrol Prod :	Y				Assess Amount:	4500

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Cleanup Petrol Prod :					Assess Fnd Ent Nm:	EPA
Assess Start Dt:	09/30/2013				Photo Available :	Y
Assess Cmpltn Dt:	10/30/2013				Video Available :	N
Cleanup Start Dt:					Cleanup Acres:	
Cleanup Cmpltn Dt:					Cleanup Amount:	
Redev Start Dt:					Redev Acres:	
Redev Cleanup Jobs:					Redev Amount:	
Grant Recipient Nm:		Downriver Community Conference				
PropertyNm:		Blank Slate Creamery				
Address:		300 W. Liberty				
City:		Ann Arbor				
State Code:		MI				
Zip Code:		48103				
Local Parcel No:						
Current Owner:						
IC Data Address:						
Horizontal Collection Method:		Address Matching-House Number				
Reference Point:		Entrance Point of a Facility or Station				
Horizontal Reference Datum:		North American Datum of 1983				
Other Description:						
Other Desc Cleaned Up:						
Assess Type:		Supplemental Assessment				
Assess Fund Entity:		US EPA - Brownfields Assessment Cooperative Agreement				
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Redev Funding Entity Nm:						
Desc Hist:		The subject property has been developed since at least 1888 with the subject building (utilized for wool storage), and a residential dwelling on the southern portion of the subject property. The residential dwelling was converted into a furniture storage building and an annex was constructed between the two buildings. By 1925, the annex and furniture storage building had been demolished, leaving the Subject Building. The site was converted into a gasoline filling station and auto service garage and existed as such, until approximately 1968, when Ann Arbor Implement utilized the subject property as storage. In 1972, a grocery store was opened on the subject property utilizing the subject building, until 1994 when the subject property was vacated.				
Accmplisht Cnt Flag:	N				Vacant Housing:	326
Coop Agreement No:	00E01038				Vacant Housing Pct:	8.81
Past Mltistry Acres:					Total Unemployed:	312
Ftr Multistory Acres:					Unemployed Pct:	4.52
Assess Cadmium :					Radius:	.5
Clnup Cadmium :					Actvy Funded:	
Assess Chromium :					Redev Lvrgd Srcs:	
Clnup Chromium :					AA Amt Funding:	
Assess Copper :					Flag Clnup Trmt Tech:	
Clnup Copper :					Excavation Disposal:	
Assess Iron :					Extrctn of Cntmnts:	
Clnup Iron :					Removal of Mats:	
Assess Nickel :					Rdctn of Cntmnts:	
Clnup Nickel :					Clnup of Structures:	
Assess Selenium :					Env EC Required:	Y
Clnup Selenium :					Flag EC Cover Tech:	
Assess Mercury :					Flag EC Security:	
Clnup Mercury :					Flag EC Immbliztn:	
Assess ArsenIC :					Flag EC Eng Barriers:	
Clnup ArsenIC :					Flag EC Other:	Y
Assess Bldg Mats :					Env IC in Place:	N
Clnup Bldg Mats :					Env EC in Place:	N
Assess oorair :					Env Clnup Jobs:	
Clnup oorair :					Sect 128 A State Trbl:	
Assess None :					Multipurpose:	
Clnup None :					Clnup Cst Shr Amt:	
Assess Pesticides :					RLF Loan Amount:	
Clnup Pesticides :					RLF Ln Cst Shr Amt:	
Assess Unknown :					Pro Income Amt:	
Clnup Unknown :					Dt RLF Loan Signed:	
Assess Svocs :					Repayment Period:	
Clnup Svocs :					Interest Rate:	
Clnup Unkn Media :					RLF Subgrant Amt:	
Redev Cmpltn Date:					Cost Share Amt:	
Pro Code:	BF				Env Pro Income Amt:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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FCA Fy:					Dt RLF Sbrgrnt Signd:	
Flag EC in Place:	N				Clnup Actvy Funded:	
Flag EC Required:	Y				Below Poverty:	3005
RFR Notation:					Below Poverty Pct:	43.58
Gpa Type ID:	12				Median Income:	5186
Clnup Doc:	N				Low Income:	3910
Awp Catalyst Yn:					Low Income Pct:	56.7
Flag Prop Not Enrld:	Y					
Redev Fund Entity:						
Gpa Type Desc:		Supplemental Assessment				
AA Actvy Funded:		Phase I ESA				
AA Source of Funding:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
Other Forms of Doc:						
IC Addl Info:						
Highlights:						

Site is a former gasoline fueling station. Developer is looking to remodel into a creamery with potential residential units. Former Use: The subject property has been developed since at least 1888 with the subject building (utilized for wool storage), and a residential dwelling on the southern portion of the subject property. The residential dwelling was converted into a furniture storage building and an annex was constructed between the two buildings. By 1925, the annex and furniture storage building had been demolished, leaving the Subject Building. The site was converted into a gasoline filling station and auto service garage and existed as such, until approximately 1968, when Ann Arbor Implement utilized the subject property as storage. In 1972, a grocery store was opened on the subject property utilizing the subject building, until 1994 when the subject property was vacated.

Property Alias:
Ctmnt Found: Petroleum Products
Ctmnt Cleanedup:
Ctmnt Rec:

Petroleum Products

Media Affected:

Ground Water Soil

Cleanups In My Community (CIMC)

Grant ID:	69600961	ASMT Cntrl Sub :	
Grant Type:	Assessment	Cleanup Cntrl Sub :	
EPA Region:	05	ASMT Asbestos :	
Ownership Entity:	Private	Cleanup Asbestos :	
Latitude Measure:	42.279645	ASMT PcbS :	
Longitude Measure:	-83.751305	Cleanup PcbS :	
Flag Cleanup Reqd:	Y	ASMT VocS :	
Flag IC Required:	U	Cleanup VocS :	
Stcntrbg:		ASMT Lead :	
Property Size:	.12	Cleanup Lead :	
Flag IC in Place:	N	ASMT Oth Metal :	
IC in Place Date:		Cleanup Oth Metal :	
Prop Cntrl :		ASMT Pahs :	
Gov Cntrl :		Cleanup Pahs :	
Permit Tools :		ASMT Oth Cont:	
Info DevICes :		Cleanup Oth Cont:	
Prop Fnding Type Cd:	Petroleum	ASMT Air :	
Ownshp Changed :	N	Cleanup Air :	
Sflp Factor :		ASMT Drk Wat:	
Source Mapscale No:		Cleanup Drk Wat:	
Past Cml Acres:	.12	ASMT Grd Water:	Y
Future Cml Acres:	.12	Cleanup Grd Water:	
Past Grnspc Acres:		ASMT Sediments :	
Future Grnspc Acres:		Cleanup Sediments :	
Past Acres:		ASMT Soil :	Y
Future Acres:		Cleanup Soil :	
Past Res Acres:		ASMT Srf Water :	
Future Res Acres:		Cleanup Srf Water :	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB	
St Enrollment Dt: St Enrollment ID: St NFA Dt: Assess Petrol Prod : Y Cleanup Petrol Prod : Assess Start Dt: 09/30/2013 Assess Cmpltn Dt: 10/30/2013 Cleanup Start Dt: Cleanup Cmpltn Dt: Redev Start Dt: Redev Cleanup Jobs: Grant Recipient Nm: Downriver Community Conference PropertyNm: Blank Slate Creamery Address: 300 W. Liberty City: Ann Arbor State Code: MI Zip Code: 48103 Local Parcel No: Current Owner: IC Data Address: Horizontal Collection Method: Address Matching-House Number Reference Point: Entrance Point of a Facility or Station Horizontal Reference Datum: North American Datum of 1983 Other Description: Other Desc Cleaned Up: Assess Type: Supplemental Assessment Assess Fund Entity: US EPA - Brownfields Assessment Cooperative Agreement Cleanup Funding EntityNm: Cleanup Fund Entity: Redev Funding Entity Nm: Desc Hist:		Other Media : Unknown Media : Ready For Reuse : N Assess Amount: 4500 Assess Fnd Ent Nm: EPA Photo Available : Y Video Available : N Cleanup Acres: Cleanup Amount: Redev Acres: Redev Amount:		Accmplisht Cnt Flag: N Coop Agreement No: 00E01038 Past Mltistry Acres: Ftr Multistory Acres: Assess Cadmium : Clnup Cadmium : Assess Chromium : Clnup Chromium : Assess Copper : Clnup Copper : Assess Iron : Clnup Iron : Assess Nickel : Clnup Nickel : Assess Selenium : Clnup Selenium : Assess Mercury : Clnup Mercury : Assess ArsenIC : Clnup ArsenIC : Assess Bldg Mats : Clnup Bldg Mats : Assess oorair : Clnup oorair : Assess None : Clnup None : Assess Pesticides : Clnup Pesticides : Assess Unknown : Clnup Unknown : Assess Svocs :		Vacant Housing: 326 Vacant Housing Pct: 8.81 Total Unemployed: 312 Unemployed Pct: 4.52 Radius: .5 Actvy Funded: Redev Lvrgd Srcs: AA Amt Funding: Flag Clnup Trmt Tech: Excavation Disposal: Extrctn of Cntmnts: Removal of Mats: Rdctn of Cntmnts: Clnup of Structures: Env EC Required: Y Flag EC Cover Tech: Flag EC Security: Flag EC Immblyztn: Flag EC Eng Barriers: Flag EC Other: Y Env IC in Place: N Env EC in Place: N Env Clnup Jobs: Sect 128 A State Trbl: Multipurpose: Clnup Cst Shr Amt: RLF Loan Amount: RLF Ln Cst Shr Amt: Pro Income Amt: Dt RLF Loan Signed: Repayment Period:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Clnup Svocs :					Interest Rate:	
Clnup Unkn Media :					RLF Subgrant Amt:	
Redev Cmpltn Date:					Cost Share Amt:	
Pro Code:	BF				Env Pro Income Amt:	
FCA Fy:					Dt RLF Sbrgrnt Signd:	
Flag EC in Place:	N				Clnup Actvy Funded:	
Flag EC Required:	Y				Below Poverty:	3005
RFR Notation:					Below Poverty Pct:	43.58
Gpa Type ID:	12				Median Income:	5186
Clnup Doc:	N				Low Income:	3910
Awp Catalyst Yn:					Low Income Pct:	56.7
Flag Prop Not Enrld:	Y					
Redev Fund Entity:						
Gpa Type Desc:		Supplemental Assessment				
AA Actvy Funded:		Phase II ESA				
AA Source of Funding:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
Other Forms of Doc:						
IC Addl Info:						
Highlights:						

Site is a former gasoline fueling station. Developer is looking to remodel into a creamery with potential residential units. Former Use: The subject property has been developed since at least 1888 with the subject building (utilized for wool storage), and a residential dwelling on the southern portion of the subject property. The residential dwelling was converted into a furniture storage building and an annex was constructed between the two buildings. By 1925, the annex and furniture storage building had been demolished, leaving the Subject Building. The site was converted into a gasoline filling station and auto service garage and existed as such, until approximately 1968, when Ann Arbor Implement utilized the subject property as storage. In 1972, a grocery store was opened on the subject property utilizing the subject building, until 1994 when the subject property was vacated.

Property Alias:
Ctmnt Found: Petroleum Products
Ctmnt Cleanedup:
Ctmnt Rec:

Petroleum Products

Media Affected:

Ground Water Soil

Cleanups In My Community (CIMC)

Grant ID:	69600961	ASMT Cntrl Sub :	
Grant Type:	Assessment	Cleanup Cntrl Sub :	
EPA Region:	05	ASMT Asbestos :	
Ownership Entity:	Private	Cleanup Asbestos :	
Latitude Measure:	42.279645	ASMT PcbS :	
Longitude Measure:	-83.751305	Cleanup PcbS :	
Flag Cleanup Reqd:	Y	ASMT VocS :	
Flag IC Required:	U	Cleanup VocS :	
Stcntrbg:		ASMT Lead :	
Property Size:	.12	Cleanup Lead :	
Flag IC in Place:	N	ASMT Oth Metal :	
IC in Place Date:		Cleanup Oth Metal :	
Prop Cntrl :		ASMT Pahs :	
Gov Cntrl :		Cleanup Pahs :	
Permit Tools :		ASMT Oth Cont:	
Info DevICes :		Cleanup Oth Cont:	
Prop Fnding Type Cd:	Petroleum	ASMT Air :	
Ownshp Changed :	N	Cleanup Air :	
Sflp Factor :		ASMT Drk Wat:	
Source Mapscale No:		Cleanup Drk Wat:	
Past Cml Acres:	.12	ASMT Grd Water:	Y
Future Cml Acres:	.12	Cleanup Grd Water:	
Past Grnspc Acres:		ASMT Sediments :	
Future Grnspc Acres:		Cleanup Sediments :	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Past Acres:					ASMT Soil :	Y
Future Acres:					Cleanup Soil :	
Past Res Acres:					ASMT Srf Water :	
Future Res Acres:					Cleanup Srf Water :	
St Enrollment Dt:					Other Media :	
St Enrollment ID:					Unknown Media :	
St NFA Dt:					Ready For Reuse :	N
Assess Petrol Prod :	Y				Assess Amount:	12495
Cleanup Petrol Prod :					Assess Fnd Ent Nm:	EPA
Assess Start Dt:	09/30/2013				Photo Available :	Y
Assess Cmpltn Dt:	10/30/2013				Video Available :	N
Cleanup Start Dt:					Cleanup Acres:	
Cleanup Cmpltn Dt:					Cleanup Amount:	
Redev Start Dt:					Redev Acres:	
Redev Cleanup Jobs:					Redev Amount:	
Grant Recipient Nm:		Downriver Community Conference				
PropertyNm:		Blank Slate Creamery				
Address:		300 W. Liberty				
City:		Ann Arbor				
State Code:		MI				
Zip Code:		48103				
Local Parcel No:						
Current Owner:						
IC Data Address:						
Horizontal Collection Method:		Address Matching-House Number				
Reference Point:		Entrance Point of a Facility or Station				
Horizontal Reference Datum:		North American Datum of 1983				
Other Description:						
Other Desc Cleaned Up:						
Assess Type:		Phase II Environmental Assessment				
Assess Fund Entity:		US EPA - Brownfields Assessment Cooperative Agreement				
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Redev Funding Entity Nm:						
Desc Hist:		<p>The subject property has been developed since at least 1888 with the subject building (utilized for wool storage), and a residential dwelling on the southern portion of the subject property. The residential dwelling was converted into a furniture storage building and an annex was constructed between the two buildings. By 1925, the annex and furniture storage building had been demolished, leaving the Subject Building. The site was converted into a gasoline filling station and auto service garage and existed as such, until approximately 1968, when Ann Arbor Implement utilized the subject property as storage. In 1972, a grocery store was opened on the subject property utilizing the subject building, until 1994 when the subject property was vacated.</p>				
Accmplisht Cnt Flag:	Y				Vacant Housing:	326
Coop Agreement No:	00E01038				Vacant Housing Pct:	8.81
Past Mltistry Acres:					Total Unemployed:	312
Ftr Multistory Acres:					Unemployed Pct:	4.52
Assess Cadmium :					Radius:	.5
Clnup Cadmium :					Actvy Funded:	
Assess Chromium :					Redev Lvrgd Srce:	
Clnup Chromium :					AA Amt Funding:	
Assess Copper :					Flag Clnup Trmt Tech:	
Clnup Copper :					Excavation Disposal:	
Assess Iron :					Extrctn of Cntmnts:	
Clnup Iron :					Removal of Mats:	
Assess Nickel :					Rdctn of Cntmnts:	
Clnup Nickel :					Clnup of Structures:	
Assess Selenium :					Env EC Required:	Y
Clnup Selenium :					Flag EC Cover Tech:	
Assess Mercury :					Flag EC Security:	
Clnup Mercury :					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC Eng Barriers:	
Clnup ArsenIC :					Flag EC Other:	Y
Assess Bldg Mats :					Env IC in Place:	N
Clnup Bldg Mats :					Env EC in Place:	N
Assess oorair :					Env Clnup Jobs:	
Clnup oorair :					Sect 128 A State Trbl:	
Assess None :					Multipurpose:	
Clnup None :					Clnup Cst Shr Amt:	
Assess Pesticides :					RLF Loan Amount:	

Clnup Pesticides :					RLF Ln Cst Shr Amt:	
Assess Unknown :					Pro Income Amt:	
Clnup Unknown :					Dt RLF Loan Signed:	
Assess Svocs :					Repayment Period:	
Clnup Svocs :					Interest Rate:	
Clnup Unkn Media :					RLF Subgrant Amt:	
Redev Cmpltn Date:					Cost Share Amt:	
Pro Code:	BF				Env Pro Income Amt:	
FCA Fy:	FY14				Dt RLF Sbgmnt Signd:	
Flag EC in Place:	N				Clnup Actvty Funded:	
Flag EC Required:	Y				Below Poverty:	3005
RFR Notation:					Below Poverty Pct:	43.58
Gpa Type ID:	2				Median Income:	5186
Clnup Doc:	N				Low Income:	3910
Awp Catalyst Yn:					Low Income Pct:	56.7
Flag Prop Not Enrld:	Y					
Redev Fund Entity:						
Gpa Type Desc:		Phase II Environmental Assessment				
AA Actvty Funded:		BEA/Due Care Plan				
AA Source of Funding:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
Other Forms of Doc:						
IC Addl Info:						
Highlights:		Site is a former gasoline fueling station. Developer is looking to remodel into a creamery with potential residential units. Former Use: The subject property has been developed since at least 1888 with the subject building (utilized for wool storage), and a residential dwelling on the southern portion of the subject property. The residential dwelling was converted into a furniture storage building and an annex was constructed between the two buildings. By 1925, the annex and furniture storage building had been demolished, leaving the Subject Building. The site was converted into a gasoline filling station and auto service garage and existed as such, until approximately 1968, when Ann Arbor Implement utilized the subject property as storage. In 1972, a grocery store was opened on the subject property utilizing the subject building, until 1994 when the subject property was vacated.				

Property Alias:

Ctmnt Found: Petroleum Products
Ctmnt Cleanedup:
Ctmnt Rec:

Petroleum Products

Media Affected:

Ground Water Soil

Cleanups In My Community (CIMC)

Grant ID:	69600961	ASMT Cntrl Sub :	
Grant Type:	Assessment	Cleanup Cntrl Sub :	
EPA Region:	05	ASMT Asbestos :	
Ownership Entity:	Private	Cleanup Asbestos :	
Latitude Measure:	42.279645	ASMT PcbS :	
Longitude Measure:	-83.751305	Cleanup PcbS :	
Flag Cleanup Reqrd:	Y	ASMT VocS :	
Flag IC Required:	U	Cleanup VocS :	
Stcntrbg:		ASMT Lead :	
Property Size:	.12	Cleanup Lead :	
Flag IC in Place:	N	ASMT Oth Metal :	
IC in Place Date:		Cleanup Oth Metal :	
Prop Cntrl :		ASMT Pahs :	
Gov Cntrl :		Cleanup Pahs :	
Permit Tools :		ASMT Oth Cont:	
Info Dev/Ces :		Cleanup Oth Cont:	
Prop Fndng Type Cd:	Petroleum	ASMT Air :	
Ownshp Changed :	N	Cleanup Air :	
Sflp Factor :		ASMT Drk Wat:	
Source Mapscale No:		Cleanup Drk Wat:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Past Cml Acres:	.12				ASMT Grd Water:	Y
Future Cml Acres:	.12				Cleanup Grd Water:	
Past Grnspc Acres:					ASMT Sediments :	
Future Grnspc Acres:					Cleanup Sediments :	
Past Acres:					ASMT Soil :	Y
Future Acres:					Cleanup Soil :	
Past Res Acres:					ASMT Srf Water :	
Future Res Acres:					Cleanup Srf Water :	
St Enrollment Dt:					Other Media :	
St Enrollment ID:					Unknown Media :	
St NFA Dt:					Ready For Reuse :	N
Assess Petrol Prod :	Y				Assess Amount:	2100
Cleanup Petrol Prod :					Assess Fnd Ent Nm:	Developer
Assess Start Dt:	07/26/2013				Photo Available :	Y
Assess Cmpltn Dt:	09/13/2013				Video Available :	N
Cleanup Start Dt:					Cleanup Acres:	
Cleanup Cmpltn Dt:					Cleanup Amount:	
Redev Start Dt:					Redev Acres:	
Redev Cleanup Jobs:					Redev Amount:	
Grant Recipient Nm:		Downriver Community Conference				
PropertyNm:		Blank Slate Creamery				
Address:		300 W. Liberty				
City:		Ann Arbor				
State Code:		MI				
Zip Code:		48103				
Local Parcel No:						
Current Owner:						
IC Data Address:						
Horizontal Collection Method:		Address Matching-House Number				
Reference Point:		Entrance Point of a Facility or Station				
Horizontal Reference Datum:		North American Datum of 1983				
Other Description:						
Other Desc Cleaned Up:						
Assess Type:		Phase I Environmental Assessment				
Assess Fund Entity:		Private/Other Funding				
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Redev Funding Entity Nm:						
Desc Hist:		The subject property has been developed since at least 1888 with the subject building (utilized for wool storage), and a residential dwelling on the southern portion of the subject property. The residential dwelling was converted into a furniture storage building and an annex was constructed between the two buildings. By 1925, the annex and furniture storage building had been demolished, leaving the Subject Building. The site was converted into a gasoline filling station and auto service garage and existed as such, until approximately 1968, when Ann Arbor Implement utilized the subject property as storage. In 1972, a grocery store was opened on the subject property utilizing the subject building, until 1994 when the subject property was vacated.				
Accmplisht Cnt Flag:	N				Vacant Housing:	326
Coop Agreement No:	00E01038				Vacant Housing Pct:	8.81
Past Mltistry Acres:					Total Unemployed:	312
Ftr Multistory Acres:					Unemployed Pct:	4.52
Assess Cadmium :					Radius:	.5
Clnup Cadmium :					Actvy Funded:	
Assess Chromium :					Redev Lvrgd Srcs:	
Clnup Chromium :					AA Amt Funding:	
Assess Copper :					Flag Clnup Trmt Tech:	
Clnup Copper :					Excavation Disposal:	
Assess Iron :					Extrctn of Cntmnts:	
Clnup Iron :					Removal of Mats:	
Assess Nickel :					Rdctn of Cntmnts:	
Clnup Nickel :					Clnup of Structures:	
Assess Selenium :					Env EC Required:	Y
Clnup Selenium :					Flag EC Cover Tech:	
Assess Mercury :					Flag EC Security:	
Clnup Mercury :					Flag EC Immblyztn:	
Assess ArsenIC :					Flag EC Eng Barriers:	
Clnup ArsenIC :					Flag EC Other:	Y
Assess Bldg Mats :					Env IC in Place:	N
Clnup Bldg Mats :					Env EC in Place:	N
Assess oorair :					Env Clnup Jobs:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Clnup oorair :					Sect 128 A State Trbl:	
Assess None :					Multipurpose:	
Clnup None :					Clnup Cst Shr Amt:	
Assess Pesticides :					RLF Loan Amount:	
Clnup Pesticides :					RLF Ln Cst Shr Amt:	
Assess Unknown :					Pro Income Amt:	
Clnup Unknown :					Dt RLF Loan Signed:	
Assess Svocs :					Repayment Period:	
Clnup Svocs :					Interest Rate:	
Clnup Unkn Media :					RLF Subgrant Amt:	
Redev Cmpltn Date:					Cost Share Amt:	
Pro Code:	BF				Env Pro Income Amt:	
FCA Fy:					Dt RLF Sbrgrnt Signd:	
Flag EC in Place:	N				Clnup Actvy Funded:	
Flag EC Required:	Y				Below Poverty:	3005
RFR Notation:					Below Poverty Pct:	43.58
Gpa Type ID:	1				Median Income:	5186
Clnup Doc:	N				Low Income:	3910
Awp Catalyst Yn:					Low Income Pct:	56.7
Flag Prop Not Enrld:	Y					
Redev Fund Entity:						
Gpa Type Desc:		Phase I Environmental Assessment				
AA Actvy Funded:		Phase II ESA				
AA Source of Funding:		Private/Other Funding				
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
Other Forms of Doc:						
IC Addl Info:						
Highlights:		<p>Site is a former gasoline fueling station. Developer is looking to remodel into a creamery with potential residential units. Former Use: The subject property has been developed since at least 1888 with the subject building (utilized for wool storage), and a residential dwelling on the southern portion of the subject property. The residential dwelling was converted into a furniture storage building and an annex was constructed between the two buildings. By 1925, the annex and furniture storage building had been demolished, leaving the Subject Building. The site was converted into a gasoline filling station and auto service garage and existed as such, until approximately 1968, when Ann Arbor Implement utilized the subject property as storage. In 1972, a grocery store was opened on the subject property utilizing the subject building, until 1994 when the subject property was vacated.</p>				
Property Alias:						
Ctmnt Found:		Petroleum Products				
Ctmnt Cleanedup:						
Ctmnt Rec:						
		Petroleum Products				
Media Affected:						
		Ground Water Soil				

113	1 of 1	WSW	0.32 / 1,689.26	799.24 / -27	ANN ARBOR YMCA 400 W WASHINGTON ST ANN ARBOR MI 48103	WASTE
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WDS ID: 480133
Site ID: MIK356241422
County: WASHTENAW
Legal Name: ANN ARBOR YMCA
Contact Name:
Contact Phone:
Contact Email:

114	1 of 1	WSW	0.32 / 1,691.32	799.70 / -26	ECONO CAR INC 438 W HURON ST ANN ARBOR MI 48103	WASTE
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WDS ID: 455271

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Site ID:		MIG000016688				
County:		WASHTENAW				
Legal Name:		ECONO CAR INC				
Contact Name:						
Contact Phone:						
Contact Email:						

115	1 of 1	SE	0.32 / 1,693.94	866.05 / 40	GREAT LAKES BANCORP 401 E LIBERTY ST ANN ARBOR MI 48104	WASTE
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WDS ID: 454201
Site ID: MIG000018204
County: WASHTENAW
Legal Name: GREAT LAKES BANCORP
Contact Name:
Contact Phone:
Contact Email:

116	1 of 7	NE	0.32 / 1,711.90	779.57 / -46	Mich Con Beakes St 340 Depot St MI	BEA
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Facility ID (Web):	81000024	Facility ID (Map):	
Bea No (Web):	199800142JK	Bea No (Map):	199800142JK
Fac Name (Web):	Mich Con Beakes St	Fac Name (Map):	
Address (Web):	340 Depot St	Address (Map):	340 Depot St
City (Web):		City (Map):	0
Zip (Web):		Zip (Map):	0
County (Web):	Washtenaw	County (Map):	Washtenaw
Township (Web):	Ann Arbor Township	Township (Map):	Ann Arbor Township
District (Web):	Jackson	District (Map):	Jackson
Latitude (Web):	42.28725	Latitude (Map):	42.28725
Longitude (Web):	-83.74356	Longitude (Map):	-83.74356
Data Source (Web):	BEA	Data Source (Map):	
Accuracy:	0	Method of Collect:	
Facility 2:	0	Object ID:	1443
Source:	0	ID:	24229
Submitted:	0		
Source:	DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)		

116	2 of 7	NE	0.32 / 1,711.90	779.57 / -46	320/340 Depot St MI	BEA
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Facility ID (Web):	81000024	Facility ID (Map):	
Bea No (Web):	200000264JK	Bea No (Map):	200000264JK
Fac Name (Web):		Fac Name (Map):	
Address (Web):	320/340 Depot St	Address (Map):	320/340 Depot St
City (Web):		City (Map):	0
Zip (Web):		Zip (Map):	0
County (Web):	Washtenaw	County (Map):	Washtenaw
Township (Web):	Ann Arbor Township	Township (Map):	Ann Arbor Township
District (Web):	Jackson	District (Map):	Jackson
Latitude (Web):	42.28725	Latitude (Map):	42.28725
Longitude (Web):	-83.74356	Longitude (Map):	-83.74356
Data Source (Web):	BEA	Data Source (Map):	
Accuracy:	0	Method of Collect:	
Facility 2:	0	Object ID:	741
Source:	0	ID:	2136
Submitted:	0		
Source:	DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
116	3 of 7	NE	0.32 / 1,711.90	779.57 / -46	340 Depot Street MI	BEA
Facility ID (Web):	81000024				Facility ID (Map):	
Bea No (Web):	200000265JK				Bea No (Map):	200000265JK
Fac Name (Web):					Fac Name (Map):	
Address (Web):	340 Depot Street				Address (Map):	340 Depot Street
City (Web):					City (Map):	0
Zip (Web):					Zip (Map):	0
County (Web):	Washtenaw				County (Map):	Washtenaw
Township (Web):	Ann Arbor Township				Township (Map):	Ann Arbor Township
District (Web):	Jackson				District (Map):	Jackson
Latitude (Web):	42.28725				Latitude (Map):	42.28725
Longitude (Web):	-83.74356				Longitude (Map):	-83.74356
Data Source (Web):	BEA				Data Source (Map):	
Accuracy:	0				Method of Collect:	
Facility 2:	0				Object ID:	742
Source:	0				ID:	2137
Submitted:	0					
Source:	DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)					

116	4 of 7	NE	0.32 / 1,711.90	779.57 / -46	DTE MICHIGAN BEAKE ST MGP (REM 8.5.2) 340 DEPOT ST ANN ARBOR MI 48104	WASTE
WDS ID:	414157					
Site ID:	MIR000101456					
County:	WASHTENAW					
Legal Name:	DTE GAS COMPANY					
Contact Name:						
Contact Phone:						
Contact Email:						

116	5 of 7	NE	0.32 / 1,711.90	779.57 / -46	Mich Con Beakes St 340 Depot St MI	BEA
Facility ID (Web):	81000024				Facility ID (Map):	81000024
Bea No (Web):	199800142JK				Bea No (Map):	199800142JK
Fac Name (Web):	Mich Con Beakes St				Fac Name (Map):	Mich Con Beakes St
Address (Web):	340 Depot St				Address (Map):	340 Depot St
City (Web):					City (Map):	
Zip (Web):					Zip (Map):	
County (Web):	Washtenaw				County (Map):	Washtenaw
Township (Web):	Ann Arbor Township				Township (Map):	Ann Arbor Township
District (Web):	Jackson				District (Map):	Jackson
Latitude (Web):	42.28725				Latitude (Map):	42.28725
Longitude (Web):	-83.74356				Longitude (Map):	-83.74356
Data Source (Web):	BEA				Data Source (Map):	BEA
Accuracy:					Method of Collect:	LocationBased
Facility 2:					Object ID:	6167
Source:					ID:	24229
Submitted:						
Source:	DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)					

116	6 of 7	NE	0.32 / 1,711.90	779.57 / -46	340 Depot Street MI	BEA
Facility ID (Web):	81000024				Facility ID (Map):	81000024

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB	
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:	200000265JK				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:	200000265JK 340 Depot Street Jackson 42.28725 -83.74356 BEA LocationBased 6084 2137	DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)

116	7 of 7	NE	0.32 / 1,711.90	779.57 / -46	320/340 Depot St MI	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:	81000024				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:	81000024 200000264JK 320/340 Depot St Jackson 42.28725 -83.74356 BEA LocationBased 6083 2136	DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)

117	1 of 1	SSW	0.33 / 1,737.94	840.84 / 15	PRICKLY PEAR RESTAURANT 328 S MAIN ST ANN ARBOR MI 48104	WASTE
WDS ID: Site ID: County: Legal Name: Contact Name: Contact Phone: Contact Email:	495695					
	MIK180130292					
	WASHTENAW					
	PRICKLY PEAR RESTAURANT					

118	1 of 3	WSW	0.33 / 1,742.71	799.07 / -27	Parks & Recreation Bldg 415 W WASHINGTON ST ANN ARBOR MI	LUST
Facility ID: EPA ID: LUST Name: Contaminant Class : Regulat Pgm (RIDE): County (RIDE): Township (RIDE): Facility Name (RIDE):	00008428				Latitude (RIDE): Longitude (RIDE): County (Map): Lat (Map): Long (Map): County: EGLE Distri:	42.280434 -83.752253 Washtenaw 42.280434 -83.752253 Washtenaw Jackson
	213					
	Washtenaw					
	Ann Arbor					
	Parks & Recreation Bldg					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Full Address (RIDE):			415 W WASHINGTON ST			
Facility City (RIDE):			ANN ARBOR			
Company Name (Map):			Parks & Recreation Bldg			
Address (Map):			415 W Washington St			
City (Map):			Ann Arbor			
ZIP (Map):			48103			
Location Name:			Parks & Recreation Bldg			
Street Address:			415 W WASHINGTON ST			
City Village:			ANN ARBOR			
Zip Code:			48103			
Data Source:			EGLE Remediation Information Data Exchange Tanks (RIDE); LUST List; Leaking Underground Storage Tanks Part 213 Open (Map)			

LUST Details (EGLE Enviromental Mapper)

Owner ID:	2687	H Datum:	NAD83
Active Site:	No	Accuracy:	100
Close Site:	Yes	Acc Unit:	FEET
Close LUST:	0	Shp Type:	POINT
Open LUST:	Open	Desc Cater:	Plant Entrance (Freight)
Restrict:	NO	Updated on:	2013-03-07 14:22:12.457
Source:	State of MI	MGR X:	
Col Date:	2001-11-01 00:00:00	MGR Y:	
District:	Jackson District Office		
MOC:	Address Matching-House Number		
Geometry:	MULTIPOINT (-83.75224837547519 42.28042586964453)		

Locations

EPA ID:		Senate District:	
Release Status:	Open	House District:	
Egle District:	Jackson	US Congr District:	
Project Manager:	Wilde, Dan		
Risk Condition:	Risks Present and Immediate		
LUST Name:	Parks & Recreation Bldg		

Facility Release

Release ID:	REL-1222-89
Type of Release:	Confirmed
Current Classification:	Class 1
Corrective Action Status:	Stopped
Linked Release:	

Facility Release

Release ID:	REL-0371-92
Type of Release:	Confirmed
Current Classification:	Class 1
Corrective Action Status:	Stopped
Linked Release:	

Facility Release

Release ID:	REL-0549-89
Type of Release:	Confirmed
Current Classification:	Class 1
Corrective Action Status:	Stopped
Linked Release:	

Facility Release Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Release ID:		REL-0371-92				
Current Classification:		Class 1				
Corrective Action Status:		Stopped				
Previous Classification:						
Entry Date:		02/26/1997				
Date Release Was Cancelled:						
Date Reported:		03/06/1992				
Closed With State Funds:		No				
Date Release Was Upgraded:						
Highest Classification:		Class 1				
Type of Evaluation:						
Institutional Controls:		No				
Upgrade Cancel Date:						
Project Manager When Closed:		Govus, Ray				
Release Closed:						
Closed Date:						

Facility Release Details

Release ID:	REL-0549-89
Current Classification:	Class 1
Corrective Action Status:	Stopped
Previous Classification:	
Entry Date:	08/11/1998
Date Release Was Cancelled:	
Date Reported:	09/19/1989
Closed With State Funds:	No
Date Release Was Upgraded:	
Highest Classification:	Class 1
Type of Evaluation:	
Institutional Controls:	No
Upgrade Cancel Date:	
Project Manager When Closed:	Govus, Ray
Release Closed:	
Closed Date:	

Facility Release Details

Release ID:	REL-1222-89
Current Classification:	Class 1
Corrective Action Status:	Stopped
Previous Classification:	
Entry Date:	08/11/1998
Date Release Was Cancelled:	
Date Reported:	12/20/1989
Closed With State Funds:	No
Date Release Was Upgraded:	
Highest Classification:	Class 1
Type of Evaluation:	
Institutional Controls:	No
Upgrade Cancel Date:	
Project Manager When Closed:	Govus, Ray
Release Closed:	
Closed Date:	

LUST List

Release ID:	REL-1222-89
Release Discovered Date:	NULL
Release Closed Date:	NULL
Date Reported:	1989-12-20 00:00:00.000
Address Details:	NULL
Release Status:	Open

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

Release ID: REL-0549-89
Release Discovered Date: NULL
Release Closed Date: NULL
Date Reported: 1989-09-19 00:00:00.000
Address Details: NULL
Release Status: Open

LUST List

Release ID: REL-0371-92
Release Discovered Date: NULL
Release Closed Date: NULL
Date Reported: 1992-03-06 00:00:00.000
Address Details: NULL
Release Status: Open

118	2 of 3	WSW	0.33 / 1,742.71	799.07 / -27	CITY OF ANN ARBOR PARKS SERVICE HEADQUARTERS 415 W WASHINGTON ST ANN ARBOR MI 48103	WASTE
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WDS ID: 407030
Site ID: MID985640275
County: WASHTENAW
Legal Name: CITY OF ANN ARBOR
Contact Name:
Contact Phone:
Contact Email:

118	3 of 3	WSW	0.33 / 1,742.71	799.07 / -27	CITY OF ANN ARBOR 415 W WASHINGTON ST ANN ARBOR MI 48103	WASTE
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WDS ID: 435876
Site ID: MIP200000776
County: WASHTENAW
Legal Name: CITY OF ANN ARBOR
Contact Name:
Contact Phone:
Contact Email:

119	1 of 1	SE	0.33 / 1,760.83	870.82 / 45	REPUBLIC PARKING SYSTEM 510 E WASHINGTON ST ANN ARBOR MI 48104	WASTE
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WDS ID: 469719
Site ID: MIK885279885
County: WASHTENAW
Legal Name: CITY OF ANN ARBOR
Contact Name:
Contact Phone:
Contact Email:

120	1 of 1	S	0.33 / 1,760.92	849.16 / 23	331 S Fourth & 350 S Fifth 331 S Fourth & 350 S Fifth, MI, 48104 MI	SHWS
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EPA ID: **Source:**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Facility ID (Web):	81000767				EGLE District:	
Site ID (Map):					House District:	
Regulatory Program:	201				Senate District:	
Lust Name:					Hzaccms:	
Project Manager:	Wilde, Dan				Scale No:	
Release Status:					MGR X:	
Pollutants:					MGR Y:	
Fac Name (Web):	331 S Fourth & 350 S Fifth					
Address (Web):	331 S Fourth & 350 S Fifth, MI, 48104					
City (Web):						
Township (Web):	Ann Arbor City					
County (Web):	Washtenaw					
Latitude (Web):	NaN					
Longitude (Web):	NaN					
Site Name (Map):						
Address (Map):						
City (Map):						
Zip Code (Map):						
County (Map):						
Latitude (Map):						
Longitude (Map):						
US Congressional District:						
H Ref Datum:						
H Ref Moc:						
OS Descrip:						
Ref Desc:						
Risk Condition:	Risks Not Determined					
Data Source:	DEQ Inventory of Facilities (Web)					

[121](#) 1 of 3 WSW 0.34 / 1,769.44 800.33 / -26 396 - 424 W Washington MI BEA

Facility ID (Web):	81000555	Facility ID (Map):	
Bea No (Web):	200200337JK	Bea No (Map):	
Fac Name (Web):		Fac Name (Map):	
Address (Web):	396 - 424 W Washington	Address (Map):	
City (Web):		City (Map):	
Zip (Web):		Zip (Map):	
County (Web):	Washtenaw	County (Map):	
Township (Web):	Ann Arbor City	Township (Map):	
District (Web):	Jackson	District (Map):	
Latitude (Web):	42.28103	Latitude (Map):	
Longitude (Web):	-83.75236	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)		

[121](#) 2 of 3 WSW 0.34 / 1,769.44 800.33 / -26 396-424 W. Washington/AnnArbor YMCA 396-424 W. Washington St., Ann Arbor, MI, 48103 MI SHWS

EPA ID:		Source:	
Facility ID (Web):	81000555	EGLE District:	
Site ID (Map):	81000555	House District:	Yousef Rabhi
Regulatory Program:	201	Senate District:	Jeff Irwin
Lust Name:		Hzaccms:	
Project Manager:	Wilde, Dan	Scale No:	
Release Status:		MGR X:	
Pollutants:		MGR Y:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Fac Name (Web): 396-424 W. Washington/AnnArbor YMCA Address (Web): 396-424 W. Washington St., Ann Arbor, MI, 48103 City (Web): Ann Arbor Township (Web): Ann Arbor City County (Web): Washtenaw Latitude (Web): 42.281025 Longitude (Web): -83.752361 Site Name (Map): 396-424 W. Washington/AnnArbor YMCA Address (Map): 396-424 W. Washington St. City (Map): Ann Arbor Zip Code (Map): 48103 County (Map): Washtenaw Latitude (Map): 42.281025 Longitude (Map): -83.752361 US Congressional District: Debbie Dingell H Ref Datum: North American Datum of 1983 H Ref Moc: The geographic coordinate determination method based on address matching-house number. OS Descrip: Risks Present and Require Action in Short-term Ref Desc: Risk Condition: Risks Present and Require Action in Short-term Data Source: DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)						

121	3 of 3	WSW	0.34 / 1,769.44	800.33 / -26	ANN ARBOR CIRCUITS INC 424 W WASHINGTON ST ANN ARBOR MI 48103	WASTE
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WDS ID: 395162
Site ID: MID020827192
County: WASHTENAW
Legal Name: ANN ARBOR CIRCUITS INC
Contact Name:
Contact Phone:
Contact Email:

122	1 of 3	N	0.34 / 1,797.53	775.31 / -51	800 North Main Street 800 North Main Street Ann Arbor MI 48104	FED BROWNFIELDS
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Property ID:	12387	BF Property (Map):	12387
Lat Measure:	42.288459	Latitude (Map):	42.288459
Long Measure:	-83.747294	Longitude (Map):	-83.747294
Property Name:	800 North Main Street		
Address:	800 North Main Street		
City:	Ann Arbor		
State Code:	MI		
Zip Code:	48104		
Primary Name (Map):	800 NORTH MAIN STREET		
Location Address (Map):	800 NORTH MAIN STREET		
City Name (Map):	ANN ARBOR		
County Name (Map):	WASHTENAW		
State Code (Map):	MI		
Postal Code (Map):	48104		

Brownfields Details

Registry I:	110039533234	EPA ID:	
EPA Region:	05	BF RLF Gra:	
Cat No:	04090005	BF RLF Pil:	
RCRA Handl:		BF Assess :	Y
RCRA Curre:		BF Cleanup:	
RCRA Remed:		BF Tba Ind:	
RCRA Const:		BF 128a In:	
RCRA EI He:		BF IC Code:	U
RCRA EI Gm:		BF IC Gc I:	U

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
RCRA Rem 1:					BF IC Ep I:	U
RCRA Ec Gw:					BF IC ID I:	U
RCRA Ec Ng:					BF IC Pr I:	U
RCRA IC Ep:					FF Brac In:	
RCRA IC Gc:					BF RLF Ind:	
RCRA IC ID:					BF Assess1:	
RCRA IC Pr:					BF Multipu:	
FF RCRA In:					BF Awp Ind:	
RCRA Trans:					BF Showcas:	
RCRA Tra 1:					BF 128a P :	
RCRA Ec Co:					LUST Relea:	
RCRA IC Co:					LUST Award:	
RCRA Gpra :					LUST State:	
RCRA Rem 2:					Congressio:	MI-12
RCRA Dru 1:					FD Agency :	
SF Site ID:					FD Listing:	
SF Ec Ind:					FD Non NPL:	
SF EI Gm C:					FD RCRA Ha:	
SF EI He C:					FD RCRA Ca:	
SF IC Ind:					FD SF NPL :	
SF NPL Cod:					FD FF Ind:	
SF NPL C 1:					FD Ej Code:	
SF Admin F:					FD Brac In:	
FF And Sit:					FD Federal:	
FF SF Ind:					FD Hrs Sco:	
Map Symbol:	B				FD Ongoing:	
Data Refre:	29-Jul-2022				FD NPL Sta:	
GIS Refres:					FD Non N 1:	
New Site:					FD RCRA Gw:	
Repow Ref :			https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER:::::P33_REF:33238		FD RCRA He:	
EPAOSC Sit:					FD GMS Sur:	
EPAOSC Res:					FD Hes Sur:	
EPAOSC R 1:					FD SF Site:	
EPAOSC Sta:					FD Brac Ro:	
EPAOSC Inc:					Stimulus S:	
Desc :					Stimulus B:	
Ind Name:						
Cat Name:		Huron				
Sub Name:		Huron				
Primary Name:		800 NORTH MAIN STREET				
RCRA Drupa:						
Url:					https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%2212387.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page	
Census Url:					https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-83.747294%2C42.28845899999996&featype=point&radius=1.0	
ACS Url:					https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-83.747294%2C42.28845899999996&featype=point&radius=1.0	
SF Site Na:					UST Status:	
SF Non Npl:					UST Substa:	
SF Non N 1:					UST Landus:	
SF Non N 3:					UST SPA Wa:	
ERR Lat Lo:					UST SPA Fa:	
REPOW BF:	SG				UST WHPA W:	
REPOW SF:					UST WHPA F:	
REPOW RCRA:					UST Open:	
REPOW Ref1:	33238				UST Closed:	
RCRA Han 1:					LUST ID:	
RCRA Rau I:					Saa Site:	
BF Propert:		12387-				
REPOW Re 1:		RE-Powering Site Profile				
BF Prope 1:		800 North Main Street				
SF Non N 2:						

Cleanups In My Community (CIMC)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Grant ID:	46895153				ASMT Cntrl Sub :	
Grant Type:	Assessment				Cleanup Cntrl Sub :	
EPA Region:	05				ASMT Asbestos :	
Ownership Entity:					Cleanup Asbestos :	
Latitude Measure:	42.288459				ASMT Pcb :s :	
Longitude Measure:	-83.747294				Cleanup Pcb :s :	
Flag Cleanup Req'd:	N				ASMT Voc :s :	
Flag IC Required:					Cleanup Voc :s :	
Stcntrbg:					ASMT Lead :	
Property Size:	.07				Cleanup Lead :	
Flag IC in Place:	U				ASMT Oth Metal :	
IC in Place Date:					Cleanup Oth Metal :	
Prop Cntrl :					ASMT Pah :s :	
Gov Cntrl :					Cleanup Pah :s :	
Permit Tools :					ASMT Oth Cont:	
Info Dev/Ces :					Cleanup Oth Cont:	
Prop Fnding Type Cd:					ASMT Air :	
Ownshp Changed :					Cleanup Air :	
Sflp Factor :					ASMT Drk Wat:	
Source Mapscale No:					Cleanup Drk Wat:	
Past Cml Acres:					ASMT Grd Water:	
Future Cml Acres:					Cleanup Grd Water:	
Past Grnspc Acres:					ASMT Sediments :	
Future Grnspc Acres:					Cleanup Sediments :	
Past Acres:					ASMT Soil :	
Future Acres:					Cleanup Soil :	
Past Res Acres:					ASMT Srf Water :	
Future Res Acres:					Cleanup Srf Water :	
St Enrollment Dt:					Other Media :	
St Enrollment ID:					Unknown Media :	
St NFA Dt:					Ready For Reuse :	N
Assess Petrol Prod :					Assess Amount:	
Cleanup Petrol Prod :					Assess Fnd Ent Nm:	
Assess Start Dt:	12/31/2002				Photo Available :	
Assess Cmpltn Dt:	12/31/2002				Video Available :	
Cleanup Start Dt:					Cleanup Acres:	
Cleanup Cmpltn Dt:					Cleanup Amount:	
Redev Start Dt:					Redev Acres:	
Redev Cleanup Jobs:					Redev Amount:	
Grant Recipient Nm:		Washtenaw County				
PropertyNm:		800 North Main Street				
Address:		800 North Main Street				
City:		Ann Arbor				
State Code:		MI				
Zip Code:		48104				
Local Parcel No:						
Current Owner:						
IC Data Address:						
Horizontal Collection Method:						
Reference Point:						
Horizontal Reference Datum:						
Other Description:						
Other Desc Cleaned Up:						
Assess Type:		Phase I Environmental Assessment				
Assess Fund Entity:						
Cleanup Funding EntityNm:						
Cleanup Fund Entity:						
Redev Funding Entity Nm:						
Desc Hist:		gas station, auto repair				
Accmplisht Cnt Flag:	N				Vacant Housing:	298
Coop Agreement No:	97566401				Vacant Housing Pct:	14.35
Past Mltistry Acres:					Total Unemployed:	154
Ftr Multistory Acres:					Unemployed Pct:	3.79
Assess Cadmium :					Radius:	.5
Clnup Cadmium :					Actvy Funded:	
Assess Chromium :					Redev Lvrgd Srcs:	
Clnup Chromium :					AA Amt Funding:	
Assess Copper :					Flag Clnup Trmt Tech:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Clnup Copper :					Excavation Disposal:	
Assess Iron :					Extrctn of Cntmnts:	
Clnup Iron :					Removal of Mats:	
Assess Nickel :					Rdctn of Cntmnts:	
Clnup Nickel :					Clnup of Structures:	
Assess Selenium :					Env EC Required:	
Clnup Selenium :					Flag EC Cover Tech:	
Assess Mercury :					Flag EC Security:	
Clnup Mercury :					Flag EC Immbiztn:	
Assess ArsenIC :					Flag EC Eng Barriers:	
Clnup ArsenIC :					Flag EC Other:	
Assess Bldg Mats :					Env IC in Place:	U
Clnup Bldg Mats :					Env EC in Place:	
Assess oorair :					Env Clnup Jobs:	
Clnup oorair :					Sect 128 A State Trbl:	
Assess None :					Multipurpose:	
Clnup None :					Clnup Cst Shr Amt:	
Assess Pesticides :					RLF Loan Amount:	
Clnup Pesticides :					RLF Ln Cst Shr Amt:	
Assess Unknown :					Pro Income Amt:	
Clnup Unknown :					Dt RLF Loan Signed:	
Assess Svocs :					Repayment Period:	
Clnup Svocs :					Interest Rate:	
Clnup Unkn Media :					RLF Subgrant Amt:	
Redev Cmpltn Date:					Cost Share Amt:	
Pro Code:	BP				Env Pro Income Amt:	
FCA Fy:					Dt RLF Sbrgrnt Signd:	
Flag EC in Place:					Clnup Actvy Funded:	
Flag EC Required:					Below Poverty:	1145
RFR Notation:					Below Poverty Pct:	28.16
Gpa Type ID:	1				Median Income:	9740
Clnup Doc:	N				Low Income:	1719
Awp Catalyst Yn:					Low Income Pct:	42.28
Flag Prop Not Enrld:						
Redev Fund Entity:						
Gpa Type Desc:		Phase I Environmental Assessment				
AA Actvy Funded:						
AA Source of Funding:						
Clnup Trmt Tech Info:						
EC Data Address:						
EC Addl Info:						
Env IC Data Address:						
Other Forms of Doc:						
IC Addl Info:						
Highlights:		Former Use: gas station, auto repair				
Property Alias:		Minister's Alliance (Parcel #09-20-411-001)				
Ctmnt Found:						
Ctmnt Cleanedup:						
Ctmnt Rec:						
Media Affected:						

[122](#)

2 of 3

N

0.34 /
1,797.53

775.31 /
-51

Melvin & Betty Lewis
800 N MAIN ST
ANN ARBOR MI

LUST

Facility ID:	00041930	Latitude (RIDE):	42.288632
EPA ID:		Longitude (RIDE):	-83.747229
LUST Name:		County (Map):	
Contaminant Class :		Lat (Map):	
Regulat Pgm (RIDE):	213	Long (Map):	
County (RIDE):	Washtenaw	County:	Washtenaw
Township (RIDE):	Ann Arbor	EGLE Distri:	Jackson
Facility Name (RIDE):	Melvin & Betty Lewis		
Full Address (RIDE):	800 N MAIN ST		
Facility City (RIDE):	ANN ARBOR		
Company Name (Map):			

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

City (Map):

ZIP (Map):

Location Name: Melvin & Betty Lewis

Street Address: 800 N MAIN ST

City Village: ANN ARBOR

Zip Code: 48104

Data Source: EGLE Remediation Information Data Exchange Tanks (RIDE); LUST List

Locations

EPA ID:

Release Status: Open

Egale District: Jackson

Project Manager: Matthewson, Christopher

Risk Condition: Risks Not Determined

LUST Name: Melvin & Betty Lewis

Senate District:

Jeff Irwin

House District:

Felicia Brabec

US Congr District:

Debbie Dingell

Associated Tanks

Release ID: REL-0146-18
Tank ID: UTK-046466-15
Tank Status: Temporarily Out of Use

Substance Stored: Other
Date of Installatn:
Capacity Gallons: 500

Release ID: REL-0146-18
Tank ID: UTK-109650-15
Tank Status: Temporarily Out of Use

Substance Stored: Other
Date of Installatn:
Capacity Gallons: 500

Release ID: REL-0146-18
Tank ID: UTK-109647-15
Tank Status: Temporarily Out of Use

Substance Stored: Other
Date of Installatn:
Capacity Gallons: 500

Release ID: REL-0146-18
Tank ID: UTK-109642-15
Tank Status: Temporarily Out of Use

Substance Stored: Other
Date of Installatn:
Capacity Gallons: 500

Facility Release

Release ID: REL-0146-18
Type of Release: Confirmed
Current Classification: Unknown
Corrective Action Status: New
Linked Release:

Facility Release Details

Release ID: REL-0146-18
Current Classification: Unknown
Corrective Action Status: New
Previous Classification:
Entry Date: 07/25/2018
Date Release Was Cancelled:
Date Reported: 07/10/2018
Closed With State Funds: No
Date Release Was Upgraded:
Highest Classification: Unknown
Type of Evaluation:
Institutional Controls: No
Upgrade Cancel Date:
Project Manager When Closed: Nedrich, Sara
Release Closed:
Closed Date:

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

Release ID: REL-0146-18
Release Discovered Date: NULL
Release Closed Date: NULL
Date Reported: 2018-07-10 15:11:00.000
Address Details: NULL
Release Status: Open

122	3 of 3	N	0.34 / 1,797.53	775.31 / -51	MAIN & SUMMIT 800 N MAIN ANN ARBOR MI	BFLD UST
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Facility ID:	00041930	County:	WASHTENAW
Ernie ID:	81000530	District:	JACKSON
Current Use:		Latitude:	
BEA:		Longitude:	
BEA Description:			

123	1 of 1	ESE	0.34 / 1,799.50	871.98 / 46	GILES RENTAL PROPERTY 118 N STATE ST ANN ARBOR MI 48104	WASTE
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WDS ID: 481692
Site ID: MIK473618544
County: WASHTENAW
Legal Name: GILES RENTAL PROPERTY
Contact Name:
Contact Phone:
Contact Email:

124	1 of 1	N	0.34 / 1,806.91	790.79 / -35	C & J BODY SHOP 124 W SUMMIT ST ANN ARBOR MI 48103	WASTE
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WDS ID: 456998
Site ID: MIG000010315
County: WASHTENAW
Legal Name: C & J BODY SHOP
Contact Name:
Contact Phone:
Contact Email:

125	1 of 1	S	0.34 / 1,817.54	850.08 / 24	331 S Fourth & 350 S Fifth MI 48104	BEA
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Facility ID (Web):		Facility ID (Map):	
Bea No (Web):	200500648JK	Bea No (Map):	
Fac Name (Web):		Fac Name (Map):	
Address (Web):	331 S Fourth & 350 S Fifth	Address (Map):	
City (Web):		City (Map):	
Zip (Web):	48104	Zip (Map):	
County (Web):	Washtenaw	County (Map):	
Township (Web):	Ann Arbor City	Township (Map):	
District (Web):	Jackson	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:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Submitted:
Source: DEQ Inventory of Facilities (Web)

126	1 of 1	SW	0.35 / 1,841.68	808.57 / -17	MORNINGSIDE ANN ARBOR LLC 305 W LIBERTY ST ANN ARBOR MI 48103	WASTE
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WDS ID: 482825
Site ID: MIK784869687
County: WASHTENAW
Legal Name: MORNINGSIDE ANN ARBOR LLC
Contact Name:
Contact Phone:
Contact Email:

127	1 of 1	SSW	0.36 / 1,879.69	841.16 / 15	SIR SPEEDY 350 S MAIN ST ANN ARBOR MI 48104	WASTE
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WDS ID: 411390
Site ID: MIR000022152
County: WASHTENAW
Legal Name: SIR SPEEDY
Contact Name:
Contact Phone:
Contact Email:

128	1 of 6	S	0.36 / 1,889.55	850.03 / 24	350 South Fifth Avenue MI 48104	BEA
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Facility ID (Web): 81000600	Facility ID (Map): 81000600
Bea No (Web): 201401321JK	Bea No (Map): 201401321JK
Fac Name (Web):	Fac Name (Map):
Address (Web): 350 South Fifth Avenue	Address (Map): 350 South Fifth Avenue
City (Web):	City (Map):
Zip (Web): 48104	Zip (Map): 48104
County (Web): Washtenaw	County (Map): Washtenaw
Township (Web): Ann Arbor City	Township (Map): Ann Arbor City
District (Web): Jackson	District (Map): Jackson
Latitude (Web): 42.27814	Latitude (Map): 42.27814
Longitude (Web): -83.74683	Longitude (Map): -83.74683
Data Source (Web): BEA	Data Source (Map): BEA
Accuracy:	Method of Collect: LocationBased
Facility 2:	Object ID: 6133
Source:	ID: 2190

Submitted:
Source: DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)

128	2 of 6	S	0.36 / 1,889.55	850.03 / 24	350 South Fifth Avenue 350 South 5th Avenue, Ann Arbor, MI, 48104	SHWS
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EPA ID:	Source:
Facility ID (Web): 81000600	EGLE District:
Site ID (Map): 81000600	House District: Yousef Rabhi
Regulatory Program: 201	Senate District: Jeff Irwin
Lust Name:	Hzaccms:
Project Manager: Wilde, Dan	Scale No:
Release Status:	MGR X:
Pollutants:	MGR Y:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Fac Name (Web):		350 South Fifth Avenue				
Address (Web):		350 South 5th Avenue, Ann Arbor, MI, 48104				
City (Web):		Ann Arbor				
Township (Web):						
County (Web):		Washtenaw				
Latitude (Web):		42.27814411				
Longitude (Web):		-83.7468271				
Site Name (Map):		350 South Fifth Avenue				
Address (Map):		350 South 5th Avenue				
City (Map):		Ann Arbor				
Zip Code (Map):		48104				
County (Map):		Washtenaw				
Latitude (Map):		42.278144				
Longitude (Map):		-83.7468271				
US Congressional District:		Debbie Dingell				
H Ref Datum:						
H Ref Moc:		Global Positioning Method, with unspecified parameters.				
OS Descrip:		Risks Present and Require Action in Short-term				
Ref Desc:		Center of a facility or station.				
Risk Condition:		Risks Present and Require Action in Short-term				
Data Source:		DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)				

128	3 of 6	S	0.36 / 1,889.55	850.03 / 24	ANN ARBOR YMCA 350 S 5TH AVE ANN ARBOR MI 48104	WASTE
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WDS ID: 484002
Site ID: MIK153212360
County: WASHTENAW
Legal Name: CITY OF ANN ARBOR
Contact Name:
Contact Phone:
Contact Email:

128	4 of 6	S	0.36 / 1,889.55	850.03 / 24	350 South Fifth Street MI 48104	BEA
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Facility ID (Web):	81000600	Facility ID (Map):	
Bea No (Web):	201801708JK	Bea No (Map):	
Fac Name (Web):		Fac Name (Map):	
Address (Web):	350 South Fifth Street	Address (Map):	
City (Web):		City (Map):	
Zip (Web):	48104	Zip (Map):	
County (Web):	Washtenaw	County (Map):	
Township (Web):	Ann Arbor City	Township (Map):	
District (Web):	Jackson	District (Map):	
Latitude (Web):	42.27814	Latitude (Map):	
Longitude (Web):	-83.74683	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)		

128	5 of 6	S	0.36 / 1,889.55	850.03 / 24	350 South Fifth Avenue 350 South Fifth Avenue Ann Arbor MI 48104	BEA
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Facility ID (Web):		Facility ID (Map):	81000600
Bea No (Web):		Bea No (Map):	B201801708JK
Fac Name (Web):		Fac Name (Map):	350 South Fifth Avenue

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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:				Address (Map): 350 South Fifth Avenue City (Map): Ann Arbor Zip (Map): 48104 County (Map): Washtenaw Township (Map): Ann Arbor City District (Map): Jackson Latitude (Map): 42.278141 Longitude (Map): -83.746828 Data Source (Map): Method of Collect: Object ID: 20843 ID:		
DEQ Baseline Environmental Assessment Sites (Map)						

128	6 of 6	S	0.36 / 1,889.55	850.03 / 24	350 South Fifth Avenue 350 South Fifth Avenue Ann Arbor MI 48104	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): 81000600 Bea No (Map): 81000600-BEA-1 Fac Name (Map): 350 South Fifth Avenue Address (Map): 350 South Fifth Avenue City (Map): Ann Arbor Zip (Map): 48104 County (Map): Washtenaw Township (Map): Ann Arbor City District (Map): Jackson Latitude (Map): 42.278141 Longitude (Map): -83.746828 Data Source (Map): Method of Collect: Object ID: 20842 ID:		
DEQ Baseline Environmental Assessment Sites (Map)						

129	1 of 1	ESE	0.36 / 1,898.55	873.14 / 47	MIDOT S05-81062 I-94 UND STATE RD I 94 UNDER STATE RD ANN ARBOR MI 48106	WASTE
WDS ID: Site ID: County: Legal Name: Contact Name: Contact Phone: Contact Email:		475105 MIK951795384 WASHTENAW MI DEPT/TRANSPORTATION				

130	1 of 1	N	0.36 / 1,901.13	771.43 / -55	FIRST MARTIN CORP 115 DEPOT ST ANN ARBOR MI 48104	WASTE
WDS ID: Site ID: County: Legal Name: Contact Name: Contact Phone: Contact Email:		449865 MIG000026068 WASHTENAW FIRST MARTIN CORP				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
131	1 of 4	SW	0.36 / 1,913.11	807.62 / -18	Eaton Corporation - Ann Arbor 315 South First St, Ann Arbor, MI, 48103 MI	SHWS
EPA ID:				Source:		
Facility ID (Web):		81000540		EGLE District:		
Site ID (Map):		81000540		House District:		Yousef Rabhi
Regulatory Program:		201		Senate District:		Jeff Irwin
Lust Name:				Hzaccms:		
Project Manager:		Lesser, Ashley		Scale No:		
Release Status:				MGR X:		
Pollutants:				MGR Y:		
Fac Name (Web):		Eaton Corporation - Ann Arbor				
Address (Web):		315 South First St, Ann Arbor, MI, 48103				
City (Web):		Ann Arbor				
Township (Web):						
County (Web):		Washtenaw				
Latitude (Web):		42.27925999				
Longitude (Web):		-83.75096777				
Site Name (Map):		Eaton Corporation - Ann Arbor				
Address (Map):		315 South First St				
City (Map):		Ann Arbor				
Zip Code (Map):		48103				
County (Map):		Washtenaw				
Latitude (Map):		42.27926				
Longitude (Map):		-83.7509677				
US Congressional District:		Debbie Dingell				
H Ref Datum:		North American Datum of 1983				
H Ref Moc:		The geographic coordinate determination method based on address matching-house number.				
OS Descrip:		Risks Present and Require Action in Short-term				
Ref Desc:						
Risk Condition:		Risks Present and Require Action in Short-term				
Data Source:		DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)				

131	2 of 4	SW	0.36 / 1,913.11	807.62 / -18	LIBERTY LOFTS 315 S 1ST ST ANN ARBOR MI 48104	WASTE
WDS ID:		395626				
Site ID:		MID044256089				
County:		WASHTENAW				
Legal Name:		MORNINGSIDE ANN ARBOR COMMERCIAL LLC				
Contact Name:						
Contact Phone:						
Contact Email:						

131	3 of 4	SW	0.36 / 1,913.11	807.62 / -18	Eaton Corporation - Ann Arbor 315 South First Street Ann Arbor City MI 48103	AUL	
DEQ Ref NO:		RC-RRD-201-04-045		Program Support:		Matt Warner	
Status:		Recorded		Pg Supprt Assig Dt:		7/1/2022 08:49:17.903	
SID Facility ID:				Program Type:		Part 201	
Site ID:		81000540		Is Commercial I:		YES	
MG Entity Code:		RRD		Is Commercial II:		NO	
Path Name:		U:\KERMIT\11120104045.PDF				Is Commercial III:	NO
Start Date:		8/3/2022 00:00:00		Is Commercial IV:		NO	
Finish Date:		8/3/2022 00:00:00		Is Industrial:		NO	
District:				Is Residential:		YES	
County Name:		Washtenaw		Is Recreation:		NO	
Join Field:				Is Multip Land Use:		NO	
Reg Deed Date:		12/15/2004 00:00:00		Is Site Specific:		NO	
LandUse Restrri Typ:		RC		Is GW Consumption:		YES	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
LRUR Type:					Is GW Contact:	NO
LRUR Status:					Is Special Well:	NO
Kermit ID (LRUR):	11120104045				Is Special Buildin:	NO
Area Acres (LRUR):					Is Excavation:	NO
Sq Mileage (LRUR):					Is Soil Movement:	NO
Mapped By:					Is All Constructn:	NO
Map Program:					Is Monitoring Well:	YES
Deq Ref No (Map):					Is ExposureBarrier:	NO
Kermit ID (Map):					Hlth and Sfty Plan:	NO
Area Acre (Map):					Is Permanent Markr:	YES
Sq Mileage (Map):					Shape Star:	
Restrict 1:					Shape Stle:	
Restrictio:						
Facility Name:		Eaton Corporation - Ann Arbor				
Site Name:		Eaton Corporation - Ann Arbor				
Property Desc:		On-site				
Map Desc (LRUR):						
Address1 (LRUR):		315 South First Street				
Address2 (LRUR):						
Township (LRUR):		Ann Arbor City				
State (LRUR):		MI				
Zipcode (LRUR):		48103				
Property Legal Desc:		Site Address				
MG Entity Desc:		Remediation and Redevelopment Division				
Land Use Type:		Restrictive Covenant				
Map Desc:						
Facility Name (Map):						
Address (Map):						
City (Map):						
Zip Code (Map):						
Map Comments:		20220701 - LRUR is NOT mapped in KERMIT. -Matt Warner				
		20220803 - LRUR is mapped in KERMIT as a point feature. -Matt Warner				
Comments:		20220705 - LRUR received from district does not include all exhibits including #2 which shows the restricted area. Jackson District Enforcement Coordinator requested complete copy from Consultant. -Matt Warner				
		20220803 - LRUR is mapped as a point feature				
Data Source(s):		Land or Resource Use Restrictions (LRUR) List				

131	4 of 4	SW	0.36 / 1,913.11	807.62 / -18	Eaton Corporation - Ann Arbor 315 South First Street Ann Arbor MI 48103	AUL
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DEQ Ref NO:		Program Support:
Status:		Pg Supprt Assig Dt:
SID Facility ID:		Program Type:
Site ID:		Is Commercial I:
MG Entity Code:		Is Commercial II:
Path Name:		Is Commercial III:
Start Date:		Is Commercial IV:
Finish Date:		Is Industrial:
District:		Is Residential:
County Name:		Is Recreation:
Join Field:		Is Multip Land Use:
Reg Deed Date:		Is Site Specific:
LandUse Restrict Typ:		Is GW Consumption:
LRUR Type:		Is GW Contact:
LRUR Status:		Is Special Well:
Kermit ID (LRUR):		Is Special Buildin:
Area Acres (LRUR):		Is Excavation:
Sq Mileage (LRUR):		Is Soil Movement:
Mapped By:		Is All Constructn:
Map Program:		Is Monitoring Well:
Deq Ref No (Map):		Is ExposureBarrier:
Kermit ID (Map):	11120104045.0	Hlth and Sfty Plan:
Area Acre (Map):	0.0	Is Permanent Markr:
Sq Mileage (Map):	0.0	Shape Star:
Restrict 1:		Shape Stle:
Restrictio:		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Facility Name:
Site Name:
Property Desc:
Map Desc (LRUR):
Address1 (LRUR):
Address2 (LRUR):
Township (LRUR):
State (LRUR):
Zipcode (LRUR):
Property Legal Desc:
MG Entity Desc:
Land Use Type:
Map Desc: Restriction mapped as a point feature due to lack of clarity in legal description in the restriction document
Facility Name (Map): Eaton Corporation - Ann Arbor
Address (Map): 315 South First Street
City (Map): Ann Arbor
Zip Code (Map): 48103
Map Comments:
Comments:
Data Source(s): EGLE Environmental Mapper Restrictive Covenant Point

132	1 of 1	SE	0.37 / 1,961.57	871.99 / 46	NECTO LLC 516 E LIBERTY ST ANN ARBOR MI 48104	WASTE
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WDS ID: 487782
Site ID: MIK346695414
County: WASHTENAW
Legal Name: NECTO LLC
Contact Name:
Contact Phone:
Contact Email:

133	1 of 1	SW	0.37 / 1,977.51	812.04 / -14	SUN OIL CO 325 W LIBERTY ST ANN ARBOR MI 48103	WASTE
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WDS ID: 417244
Site ID: MIG000040571
County: WASHTENAW
Legal Name: SUN OIL CO
Contact Name:
Contact Phone:
Contact Email:

134	1 of 6	ESE	0.38 / 1,999.86	874.19 / 48	212 S State St # 216 Ann Arbor MI 48104	BEA
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Facility ID (Web): Bea No (Web): 200400592JK Fac Name (Web): Address (Web): 212 -216 S State St City (Web): Zip (Web): 48104 County (Web): Washtenaw Township (Web): Ann Arbor City District (Web): Jackson Latitude (Web): Longitude (Web): Data Source (Web): BEA Accuracy: Facility 2:	Facility ID (Map): Bea No (Map): 200400592JK Fac Name (Map): Address (Map): 212 S State St # 216 City (Map): Ann Arbor Zip (Map): 48104 County (Map): Washtenaw Township (Map): Ann Arbor City District (Map): Jackson Latitude (Map): 42.28015821 Longitude (Map): -83.74088573 Data Source (Map): BEA Method of Collect: Geocode Object ID: 6381
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Source: ID: 2293
 Submitted:
 Source: DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)

134	2 of 6	ESE	0.38 / 1,999.86	874.19 / 48	Former Max Goldman Trust Property 212 S STATE ST ANN ARBOR MI	LUST
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Facility ID: 00038476
EPA ID:
LUST Name:
Contaminant Class :
Regulat Pgm (RIDE): 213
County (RIDE): Washtenaw
Township (RIDE):
Facility Name (RIDE): Former Max Goldman Trust Property
Full Address (RIDE): 212 S STATE ST
Facility City (RIDE): ANN ARBOR
Company Name (Map): Former Max Goldman Trust Property
Address (Map): 212-218 S State St
City (Map): Ann Arbor
ZIP (Map): 48108
Location Name: Former Max Goldman Trust Property
Street Address: 212 S STATE ST
City Village: ANN ARBOR
Zip Code: 48104
Data Source: EGLE Remediation Information Data Exchange Tanks (RIDE); LUST List; Leaking Underground Storage Tanks Part 213 Closed (Map)

Latitude (RIDE): 42.27971908
Longitude (RIDE): -83.74112164
County (Map): Washtenaw
Lat (Map): 42.280005
Long (Map): -83.741056
County: Washtenaw
EGLE Distri: Jackson

LUST Details (EGLE Enviromental Mapper)

Owner ID:	32502	H Datum:	NAD83
Active Site:	No	Accuracy:	100
Close Site:	Yes	Acc Unit:	FEET
Close LUST:	Closed	Shp Type:	POINT
Open LUST:	0	Desc Cater:	Plant Entrance (Freight)
Restrict:	YES	Updated on:	2013-03-07 14:22:12.457
Source:	State of MI	MGR X:	
Col Date:	2001-11-01 00:00:00	MGR Y:	
District:	Jackson District Office		
MOC:	Address Matching-House Number		
Geometry:	MULTIPOINT (-83.74105137893605 42.27999686914949)		

Locations

EPA ID:		Senate District:	Jeff Irwin
Release Status:	Open	House District:	Yousef Rabhi
Egle District:	Jackson	US Congr District:	Debbie Dingell
Project Manager:	Wilde, Dan		
Risk Condition:	Risks Not Determined		
LUST Name:	Max Goldman Irrevocable Trust		

Associated Tanks

Release ID:	REL-0197-15	Substance Stored:	Other
Tank ID:	UTK-140629-15	Date of Installatn:	
Tank Status:	Removed from Ground	Capacity Gallons:	500
Release ID:	REL-0197-15	Substance Stored:	
Tank ID:	UTK-140664-15	Date of Installatn:	01/01/1916
Tank Status:	Removed from Ground	Capacity Gallons:	300
Release ID:	REL-0197-15	Substance Stored:	Other

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Tank ID:	UTK-140632-15	Date of Installatn:				
Tank Status:	Removed from Ground	Capacity Gallons:	500			

Facility Release

Release ID: REL-0428-95
Type of Release: Confirmed
Current Classification: No Longer A Facility
Corrective Action Status: Complete
Linked Release:

Facility Release

Release ID: REL-0197-15
Type of Release: Confirmed
Current Classification: Unknown
Corrective Action Status: Inactive
Linked Release:

Facility Release Details

Release ID: REL-0428-95
Current Classification: No Longer A Facility
Corrective Action Status: Complete
Previous Classification: Class 4
Entry Date: 08/19/1995
Date Release Was Cancelled:
Date Reported: 04/20/1995
Closed With State Funds: No
Date Release Was Upgraded:
Highest Classification: Class 4
Type of Evaluation:
Institutional Controls: No
Upgrade Cancel Date:
Project Manager When Closed: Hiske, Terry
Release Closed: Residential Closure
Closed Date: 08/04/1995

Facility Release Details

Release ID: REL-0197-15
Current Classification: Unknown
Corrective Action Status: Inactive
Previous Classification:
Entry Date: 12/10/2015
Date Release Was Cancelled:
Date Reported: 11/24/2015
Closed With State Funds: No
Date Release Was Upgraded:
Highest Classification: Unknown
Type of Evaluation:
Institutional Controls: No
Upgrade Cancel Date:
Project Manager When Closed: Govus, Ray
Release Closed:
Closed Date:

LUST List

Release ID: REL-0197-15
Release Discovered Date: NULL
Release Closed Date: NULL
Date Reported: 2015-11-24 08:42:00.000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Address Details:		NULL				
Release Status:		Open				
<u>LUST List</u>						
Release ID:		REL-0428-95				
Release Discovered Date:		NULL				
Release Closed Date:		1995-08-04 00:00:00.000				
Date Reported:		1995-04-20 00:00:00.000				
Address Details:		NULL				
Release Status:		Closed				

[134](#) 3 of 6 **ESE** **0.38 / 1,999.86** **874.19 / 48** **H AND K CAMPUS PROPERTIES (VACANT PROPERTY) 212 - 216 STATE ST ANN ARBOR MI 48104** **WASTE**

WDS ID: 442592
Site ID: MIK151074565
County: WASHTENAW
Legal Name: H AND K CAMPUS PROPERTIES LLC
Contact Name:
Contact Phone:
Contact Email:

[134](#) 4 of 6 **ESE** **0.38 / 1,999.86** **874.19 / 48** **G AND S METALS 212 S STATE ST ANN ARBOR MI 48104** **WASTE**

WDS ID: 400161
Site ID: MID981788649
County: WASHTENAW
Legal Name: G AND S METALS
Contact Name:
Contact Phone:
Contact Email:

[134](#) 5 of 6 **ESE** **0.38 / 1,999.86** **874.19 / 48** **212 - 216 South State Street 212 - 216 South State Street, Ann Arbor, MI, 48104 MI** **DELISTED SHWS**

Delisted Part 201 Site List

Facility ID:	81000716	Fac Name (Web):	212 - 216 South State Street
Baseline Assess No:		Address (Web):	212 - 216 South State Street, Ann Arbor, MI, 48104
Site ID:	81000716	County (Web):	Washtenaw
Pollutants:		Township (Web):	
Site Name (Map):	212 - 216 South State Street	City (Web):	Ann Arbor
City (Map):	Ann Arbor	Zip (Web):	48104
County (Map):	Washtenaw	Latitude (Web):	42.2797262
Latitude (Map):	42.279723	Longitude (Web):	-83.74128319
Longitude (Map):	-83.7412831	Object ID:	
H Ref Datum:		MGR X:	0.0
Hrzaccms:		MGR Y:	0.0
Scale No:			
Egle District:	Jackson		
Ref Desc:			
H Ref Moc:			
OS Descrip:	Risks Not Determined		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Address (Map):		212 - 216 South State Street				
Zip Code (Map):		48104				
Report Source:		DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)				
Source:						
Regulatory Program:		201				
Release Status:						
Risk Condition:		Risks Not Determined				
EPA ID:						
House District:		Yousef Rabhi				
Location ID:						
Lust Name:						
Project Manager:		Wilde, Dan				
Senate District:		Jeff Irwin				
US Congressional District:		Debbie Dingell				
Address Parsed:		212 - 216 South State Street				
Original Source:		SHWS				
Record Date:		24-MAY-2022				

[134](#) 6 of 6 **ESE** 0.38 / 1,999.86 874.19 / 48 212 - 216 South State Street **DELISTED SHWS**
MI

Delisted Part 201 Site List

Facility ID:		Fac Name (Web):	
Baseline Assess No:		Address (Web):	
Site ID:	81000716	County (Web):	
Pollutants:		Township (Web):	
Site Name (Map):	212 - 216 South State Street	City (Web):	
City (Map):		Zip (Web):	
County (Map):	Washtenaw	Latitude (Web):	
Latitude (Map):	42.279723	Longitude (Web):	
Longitude (Map):	-83.7412831	Object ID:	
H Ref Datum:		MGR X:	0.0
Hrzaccms:		MGR Y:	0.0
Scale No:			
Egle District:			
Ref Desc:			
H Ref Moc:			
OS Descrip:	Risks Not Determined		
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		

[135](#) 1 of 3 **N** 0.38 / 2,003.44 776.55 / -49 1ST STOP TIRE SERVICE **WASTE**
907 N MAIN ST
ANN ARBOR MI 48104

WDS ID: 480277
Site ID:
County: WASHTENAW

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Legal Name: KO TIRES AND SERVICE LLC
Contact Name:
Contact Phone:
Contact Email:

135	2 of 3	N	0.38 / 2,003.44	776.55 / -49	ARMORTHANE OF MICHIGAN LLC 907 N MAIN ST ANN ARBOR MI 48104	WASTE
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WDS ID: 482790
Site ID: MIK468378633
County: WASHTENAW
Legal Name: ARMORTHANE OF MICHIGAN LLC
Contact Name:
Contact Phone:
Contact Email:

135	3 of 3	N	0.38 / 2,003.44	776.55 / -49	ANN ARBOR AUTO SERVICE INC 907 N MAIN ST ANN ARBOR MI 48104	WASTE
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WDS ID: 402475
Site ID: MID985575729
County: WASHTENAW
Legal Name: ANN ARBOR AUTO SERVICE INC
Contact Name:
Contact Phone:
Contact Email:

136	1 of 1	S	0.38 / 2,019.15	847.05 / 21	ARGUS BUILDING 400 S 4TH ST ANN ARBOR MI 48103	WASTE
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WDS ID: 475984
Site ID: MIK613424787
County: WASHTENAW
Legal Name: UNIVERSITY OF MICHIGAN
Contact Name:
Contact Phone:
Contact Email:

137	1 of 1	SE	0.38 / 2,020.20	874.42 / 48	MICHIGAN THEATRE 603 E LIBERTY ST ANN ARBOR MI 48104	WASTE
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WDS ID: 450290
Site ID: MIG000025750
County: WASHTENAW
Legal Name: MICHIGAN THEATRE
Contact Name:
Contact Phone:
Contact Email:

138	1 of 1	WSW	0.38 / 2,024.45	807.30 / -19	FULLSERVE INC 603 W HURON ST ANN ARBOR MI 48103	WASTE
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WDS ID: 418674
Site ID: MIG000044077
County: WASHTENAW

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Legal Name: FULLSERVE INC
Contact Name:
Contact Phone:
Contact Email:

139	1 of 1	N	0.38 / 2,025.89	776.75 / -49	MAIN ST MOTORS 906 N MAIN ST ANN ARBOR MI 48104	WASTE
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WDS ID: 406167
Site ID: MID985623560
County: WASHTENAW
Legal Name: MAIN ST MOTORS
Contact Name:
Contact Phone:
Contact Email:

140	1 of 1	ESE	0.39 / 2,059.21	874.93 / 49	H & K Campus Properties 212 - 216 South State Street, Ann Arbor, MI, 48104 MI	SHWS
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EPA ID:		Source:	
Facility ID (Web):	81000543	EGLE District:	
Site ID (Map):	81000543	House District:	Yousef Rabhi
Regulatory Program:	201	Senate District:	Jeff Irwin
Lust Name:		Hzaccms:	
Project Manager:	Wilde, Dan	Scale No:	
Release Status:		MGR X:	
Pollutants:		MGR Y:	
Fac Name (Web):	H & K Campus Properties		
Address (Web):	212 - 216 South State Street, Ann Arbor, MI, 48104		
City (Web):	Ann Arbor		
Township (Web):			
County (Web):	Washtenaw		
Latitude (Web):	42.27973453		
Longitude (Web):	-83.74139053		
Site Name (Map):	H & K Campus Properties		
Address (Map):	212 - 216 South State Street		
City (Map):	Ann Arbor		
Zip Code (Map):	48104		
County (Map):	Washtenaw		
Latitude (Map):	42.279735		
Longitude (Map):	-83.7413905		
US Congressional District:	Debbie Dingell		
H Ref Datum:	North American Datum of 1983		
H Ref Moc:	The geographic coordinate determination method based on address matching-house number.		
OS Descip:	Risks Present and Require Action in Short-term		
Ref Desc:			
Risk Condition:	Risks Present and Require Action in Short-term		
Data Source:	DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)		

141	1 of 2	SW	0.39 / 2,069.90	811.65 / -14	Eaton Corp - Ann Arbor 315 S First & 311 S Second Sts MI 48103	BEA
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Facility ID (Web):	81000540	Facility ID (Map):	81000540
Bea No (Web):	200500635JK	Bea No (Map):	200500635JK
Fac Name (Web):	Eaton Corp - Ann Arbor	Fac Name (Map):	Eaton Corp - Ann Arbor
Address (Web):	315 S First & 311 S Second Sts	Address (Map):	315 S First & 311 S Second Sts
City (Web):		City (Map):	
Zip (Web):	48103	Zip (Map):	48103
County (Web):	Washtenaw	County (Map):	Washtenaw

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<i>Township (Web):</i>	Ann Arbor City				<i>Township (Map):</i> Ann Arbor City	
<i>District (Web):</i>	Jackson				<i>District (Map):</i> Jackson	
<i>Latitude (Web):</i>	42.27897				<i>Latitude (Map):</i> 42.27897	
<i>Longitude (Web):</i>	-83.75116				<i>Longitude (Map):</i> -83.75116	
<i>Data Source (Web):</i>	BEA				<i>Data Source (Map):</i> BEA	
<i>Accuracy:</i>					<i>Method of Collect:</i> LocationBased	
<i>Facility 2:</i>					<i>Object ID:</i> 6157	
<i>Source:</i>					<i>ID:</i> 15450	
<i>Submitted:</i>						
<i>Source:</i>	DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)					

[141](#) 2 of 2 **SW** 0.39 / 2,069.90 811.65 / -14 **315 S First & 311 S Second Sts MI 48106** **BEA**

<i>Facility ID (Web):</i>	81000540	<i>Facility ID (Map):</i>	
<i>Bea No (Web):</i>	200400576JK	<i>Bea No (Map):</i>	
<i>Fac Name (Web):</i>		<i>Fac Name (Map):</i>	
<i>Address (Web):</i>	315 S First & 311 S Second Sts	<i>Address (Map):</i>	
<i>City (Web):</i>		<i>City (Map):</i>	
<i>Zip (Web):</i>	48106	<i>Zip (Map):</i>	
<i>County (Web):</i>	Washtenaw	<i>County (Map):</i>	
<i>Township (Web):</i>	Ann Arbor City	<i>Township (Map):</i>	
<i>District (Web):</i>	Jackson	<i>District (Map):</i>	
<i>Latitude (Web):</i>	42.27897	<i>Latitude (Map):</i>	
<i>Longitude (Web):</i>	-83.75116	<i>Longitude (Map):</i>	
<i>Data Source (Web):</i>	BEA	<i>Data Source (Map):</i>	
<i>Accuracy:</i>		<i>Method of Collect:</i>	
<i>Facility 2:</i>		<i>Object ID:</i>	
<i>Source:</i>		<i>ID:</i>	
<i>Submitted:</i>			
<i>Source:</i>	DEQ Inventory of Facilities (Web)		

[142](#) 1 of 3 **SSW** 0.39 / 2,077.05 839.87 / 14 **402 S Main MI** **BEA**

<i>Facility ID (Web):</i>		<i>Facility ID (Map):</i>	
<i>Bea No (Web):</i>	200200399JK	<i>Bea No (Map):</i>	200200399JK
<i>Fac Name (Web):</i>		<i>Fac Name (Map):</i>	
<i>Address (Web):</i>	402 S Main	<i>Address (Map):</i>	402 S Main
<i>City (Web):</i>		<i>City (Map):</i>	0
<i>Zip (Web):</i>		<i>Zip (Map):</i>	48104
<i>County (Web):</i>	Washtenaw	<i>County (Map):</i>	Washtenaw
<i>Township (Web):</i>	Ann Arbor City	<i>Township (Map):</i>	Ann Arbor City
<i>District (Web):</i>	Jackson	<i>District (Map):</i>	Jackson
<i>Latitude (Web):</i>		<i>Latitude (Map):</i>	42.277826
<i>Longitude (Web):</i>		<i>Longitude (Map):</i>	-83.749214
<i>Data Source (Web):</i>	BEA	<i>Data Source (Map):</i>	
<i>Accuracy:</i>	0	<i>Method of Collect:</i>	
<i>Facility 2:</i>	0	<i>Object ID:</i>	1930
<i>Source:</i>	0	<i>ID:</i>	588
<i>Submitted:</i>			
<i>Source:</i>	DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)		

[142](#) 2 of 3 **SSW** 0.39 / 2,077.05 839.87 / 14 **Main Street Convenience Inc. 402 S Main St Ann Arbor MI** **LUST**

<i>Facility ID:</i>	00005811	<i>Latitude (RIDE):</i>	
<i>EPA ID:</i>		<i>Longitude (RIDE):</i>	
<i>LUST Name:</i>		<i>County (Map):</i>	Washtenaw
<i>Contaminant Class :</i>		<i>Lat (Map):</i>	42.277826

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Regulat Pgm (RIDE):				Long (Map):	-83.749214	
County (RIDE):				County:	Washtenaw	
Township (RIDE):				EGLE Distri:	Jackson	
Facility Name (RIDE):						
Full Address (RIDE):						
Facility City (RIDE):						
Company Name (Map):		Emre Fuel Inc				
Address (Map):		402 S Main St				
City (Map):		Ann Arbor				
ZIP (Map):		48104				
Location Name:		Main Street Convenience Inc.				
Street Address:		402 S Main St				
City Village:		Ann Arbor				
Zip Code:		48104				
Data Source:		LUST List; Leaking Underground Storage Tanks Part 213 Closed (Map)				

LUST Details (EGLE Enviromental Mapper)

Owner ID:	54111	H Datum:	NAD83
Active Site:	Yes	Accuracy:	10
Close Site:	No	Acc Unit:	METERS
Close LUST:	Closed	Shp Type:	POINT
Open LUST:	0	Desc Cater:	Plant Entrance (Freight)
Restrict:	YES	Updated on:	2013-03-07 14:22:12.457
Source:	State of MI	MGR X:	
Col Date:	2002-03-05 00:00:00	MGR Y:	
District:	Jackson District Office		
MOC:	GPS Code Meas. Standard Positioning Service SA Off		
Geometry:	MULTIPOINT (-83.74920937664476 42.27781786994916)		

LUST List

Release ID:	REL-2274-91
Release Discovered Date:	NULL
Release Closed Date:	NULL
Date Reported:	1900-01-01 00:00:00.000
Address Details:	NULL
Release Status:	Open

LUST List

Release ID:	REL-0296-02
Release Discovered Date:	NULL
Release Closed Date:	NULL
Date Reported:	2002-05-22 15:39:00.000
Address Details:	NULL
Release Status:	Open

142	3 of 3	SSW	0.39 / 2,077.05	839.87 / 14	SOUTH MAIN BP 402 S MAIN ST ANN ARBOR MI 48104	WASTE
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WDS ID:	404664
Site ID:	MID985607720
County:	WASHTENAW
Legal Name:	EMRE FUEL INC
Contact Name:	
Contact Phone:	
Contact Email:	

143	1 of 2	N	0.40 / 2,096.13	777.33 / -49	Allen Creek Drain 912 N Main St, Ann Arbor, MI, 48104	SHWS
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
MI						
EPA ID:					Source:	
Facility ID (Web):	81000094				EGLE District:	
Site ID (Map):	81000094				House District:	Felicia Brabec
Regulatory Program:	201				Senate District:	Jeff Irwin
Lust Name:					Hrzaccms:	15
Project Manager:	Wilde, Dan				Scale No:	24,000
Release Status:					MGR X:	685641.23
Pollutants:					MGR Y:	195813.21
Fac Name (Web):	Allen Creek Drain					
Address (Web):	912 N Main St, Ann Arbor, MI, 48104					
City (Web):	Ann Arbor					
Township (Web):	temptownship					
County (Web):	Washtenaw					
Latitude (Web):	42.289173					
Longitude (Web):	-83.746566					
Site Name (Map):	Allen Creek Drain					
Address (Map):	912 N Main St					
City (Map):	Ann Arbor					
Zip Code (Map):	48104					
County (Map):	Washtenaw					
Latitude (Map):	42.289173					
Longitude (Map):	-83.746566					
US Congressional District:	Debbie Dingell					
H Ref Datum:	North American Datum of 1983					
H Ref Moc:	The geographic coordinate determination method based on interpolation-map.					
OS Descrip:	Risks Present and Require Action in Short-term					
Ref Desc:	Center of a facility or station.					
Risk Condition:	Risks Present and Require Action in Short-term					
Data Source:	DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)					
143	2 of 2	N	0.40 / 2,096.13	777.33 / -49	SHEFFIELD PHARMACEUTICALS 912 N MAIN ST ANN ARBOR MI 48104	WASTE
WDS ID:	426688					
Site ID:	MIG000043698					
County:	WASHTENAW					
Legal Name:	SHEFFIELD PHARMACEUTICALS					
Contact Name:						
Contact Phone:						
Contact Email:						
144	1 of 3	N	0.40 / 2,098.81	806.05 / -20	815 Wildt St Ann Arbor, MI MI 48103	BEA
Facility ID (Web):	81000560				Facility ID (Map):	
Bea No (Web):	200100295JK				Bea No (Map):	200100295JK
Fac Name (Web):					Fac Name (Map):	
Address (Web):	815 Wildt St Ann Arbor, MI				Address (Map):	815 Wildt St
City (Web):					City (Map):	Ann Arbor
Zip (Web):	48103				Zip (Map):	48103
County (Web):	Washtenaw				County (Map):	Washtenaw
Township (Web):	Ann Arbor City				Township (Map):	Ann Arbor City
District (Web):	Jackson				District (Map):	Jackson
Latitude (Web):	42.28983				Latitude (Map):	42.28903505
Longitude (Web):	-83.74818				Longitude (Map):	-83.74899184
Data Source (Web):	BEA				Data Source (Map):	BEA
Accuracy:					Method of Collect:	Geocode
Facility 2:					Object ID:	6211
Source:					ID:	414
Submitted:						
Source:	DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
144	2 of 3	N	0.40 / 2,098.81	806.05 / -20	815 Wildt St 815 Wildt St., Ann Arbor, MI, 48103 MI	SHWS
<p>EPA ID:</p> <p>Facility ID (Web): 81000560</p> <p>Site ID (Map): 81000560</p> <p>Regulatory Program: 201</p> <p>Lust Name:</p> <p>Project Manager: Wilde, Dan</p> <p>Release Status:</p> <p>Pollutants:</p> <p>Fac Name (Web): 815 Wildt St</p> <p>Address (Web): 815 Wildt St., Ann Arbor, MI, 48103</p> <p>City (Web): Ann Arbor</p> <p>Township (Web): Ann Arbor City</p> <p>County (Web): Washtenaw</p> <p>Latitude (Web): 42.289827</p> <p>Longitude (Web): -83.748176</p> <p>Site Name (Map): 815 Wildt St</p> <p>Address (Map): 815 Wildt St.</p> <p>City (Map): Ann Arbor</p> <p>Zip Code (Map): 48103</p> <p>County (Map): Washtenaw</p> <p>Latitude (Map): 42.289827</p> <p>Longitude (Map): -83.748176</p> <p>US Congressional District: Debbie Dingell</p> <p>H Ref Datum: North American Datum of 1983</p> <p>H Ref Moc: The geographic coordinate determination method based on address matching-house number.</p> <p>OS Descrp: Risks Present and Require Action in Short-term</p> <p>Ref Desc:</p> <p>Risk Condition: Risks Present and Require Action in Short-term</p> <p>Data Source: DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)</p>						
<p>Source:</p> <p>EGLE District:</p> <p>House District: Felicia Brabec</p> <p>Senate District: Jeff Irwin</p> <p>Hzaccms:</p> <p>Scale No:</p> <p>MGR X:</p> <p>MGR Y:</p>						

144	3 of 3	N	0.40 / 2,098.81	806.05 / -20	ANN ARBOR BEARING & MFG CO 815 WILDT ST ANN ARBOR MI 48103	WASTE
<p>WDS ID: 458532</p> <p>Site ID: MIG000004678</p> <p>County: WASHTENAW</p> <p>Legal Name: ANN ARBOR BEARING & MFG CO</p> <p>Contact Name:</p> <p>Contact Phone:</p> <p>Contact Email:</p>						

145	1 of 1	SSW	0.40 / 2,099.20	841.09 / 15	CITY OF ANN ARBOR 410 S MAIN ST ANN ARBOR MI 48107	WASTE
<p>WDS ID: 448370</p> <p>Site ID: MIG000029068</p> <p>County: WASHTENAW</p> <p>Legal Name: CITY OF ANN ARBOR</p> <p>Contact Name:</p> <p>Contact Phone:</p> <p>Contact Email:</p>						

146	1 of 1	SE	0.40 / 2,136.41	873.97 / 48	JACOBSONS 612 E LIBERTY ST	WASTE
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
ANN ARBOR MI 48104						
					WDS ID: 450368 Site ID: MIG000025419 County: WASHTENAW Legal Name: JACOBSONS Contact Name: Contact Phone: Contact Email:	
147	1 of 1	SE	0.41 / 2,140.26	873.01 / 47	CITY OF ANN ARBOR 324 MAYNARD ST ANN ARBOR MI 48104	WASTE
					WDS ID: 417241 Site ID: MIG000057224 County: WASHTENAW Legal Name: CITY OF ANN ARBOR Contact Name: Contact Phone: Contact Email:	
148	1 of 1	ESE	0.42 / 2,202.10	876.88 / 51	CVS PHARMACY #3584 209 S STATE ST ANN ARBOR MI 48104	WASTE
					WDS ID: 491151 Site ID: MIK137821718 County: WASHTENAW Legal Name: WOODWARD DETROIT CVS LLC Contact Name: Contact Phone: Contact Email:	
149	1 of 1	N	0.42 / 2,242.77	780.25 / -46	924 - 936 North Main Street MI	BEA
					Facility ID (Web): Bea No (Web): 199900180JK Fac Name (Web): Address (Web): 924 - 936 North Main Street City (Web): Zip (Web): County (Web): Washtenaw Township (Web): Ann Arbor Township District (Web): Jackson Latitude (Web): Longitude (Web): Data Source (Web): BEA Accuracy: Facility 2: Source: Submitted: Source: DEQ Inventory of Facilities (Web)	
					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:	
150	1 of 1	SE	0.43 / 2,261.43	871.58 / 46	ST MARYS CHURCH 331 THOMPSON ST ANN ARBOR MI 48104	WASTE
					WDS ID: 442279	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Site ID: MIG000042461 County: WASHTENAW Legal Name: ST MARYS CHURCH Contact Name: Contact Phone: Contact Email:						
151	1 of 1	N	0.43 / 2,270.65	780.09 / -46	MOLECULAR THERAPEUTICS INC 924 N MAIN ST ANN ARBOR MI 48104	WASTE
WDS ID: 475762 Site ID: MIK637239567 County: WASHTENAW Legal Name: MOLECULAR THERAPEUTICS INC Contact Name: Contact Phone: Contact Email:						
152	1 of 1	SE	0.43 / 2,286.02	873.32 / 47	GOLD BOND CLEANERS INC 332 MAYNARD ST ANN ARBOR MI 48104	WASTE
WDS ID: 396779 Site ID: MID065583676 County: WASHTENAW Legal Name: GOLD BOND CLEANERS INC Contact Name: Contact Phone: Contact Email:						
153	1 of 1	S	0.43 / 2,289.24	844.14 / 18	DTE ANN ARBOR CENTER 425 S MAIN ST ANN ARBOR MI 48104	WASTE
WDS ID: 495723 Site ID: MIK486112092 County: WASHTENAW Legal Name: DTE ELECTRIC COMPANY Contact Name: Contact Phone: Contact Email:						
154	1 of 1	ESE	0.44 / 2,299.66	875.89 / 50	TARGET STORE T3415 231 S STATE ST ANN ARBOR MI 48104	WASTE
WDS ID: 498494 Site ID: MIK171086510 County: WASHTENAW Legal Name: TARGET CORPORATION Contact Name: Contact Phone: Contact Email:						
155	1 of 1	N	0.44 / 2,316.55	780.94 / -45	SPARTAN TIRE 936 N MAIN ST ANN ARBOR MI 48104	WASTE
WDS ID: 442913						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Site ID:		MIG000041242				
County:		WASHTENAW				
Legal Name:		SPARTAN TIRE				
Contact Name:						
Contact Phone:						
Contact Email:						

156	1 of 1	SSW	0.45 / 2,357.10	839.15 / 13	Main Street Gas Station 428 S MAIN ST ANN ARBOR MI	LUST
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Facility ID:	00033752	Latitude (RIDE):	
EPA ID:		Longitude (RIDE):	
LUST Name:		County (Map):	Washtenaw
Contaminant Class :		Lat (Map):	42.27729
Regulat Pgm (RIDE):		Long (Map):	-83.748994
County (RIDE):		County:	Washtenaw
Township (RIDE):		EGLE Distri:	Jackson
Facility Name (RIDE):			
Full Address (RIDE):			
Facility City (RIDE):			
Company Name (Map):	Main Street Gas Station		
Address (Map):	428 SOUTH MAIN		
City (Map):	ANN ARBOR		
ZIP (Map):	48107		
Location Name:	Main Street Gas Station		
Street Address:	428 S MAIN ST		
City Village:	ANN ARBOR		
Zip Code:	48104		
Data Source:	LUST List; Leaking Underground Storage Tanks Part 213 Closed (Map)		

LUST Details (EGLE Enviromental Mapper)

Owner ID:	2687	H Datum:	NAD83
Active Site:	No	Accuracy:	100
Close Site:	Yes	Acc Unit:	FEET
Close LUST:	Closed	Shp Type:	POINT
Open LUST:	0	Desc Cater:	Plant Entrance (Freight)
Restrict:	YES	Updated on:	2013-03-07 14:22:12.457
Source:	State of MI	MGR X:	
Col Date:	2001-11-01 00:00:00	MGR Y:	
District:	Jackson District Office		
MOC:	Address Matching-House Number		
Geometry:	MULTIPOINT (-83.74898937676147 42.27728187003237)		

LUST List

Release ID:	REL-2113-91
Release Discovered Date:	1991-10-18 00:00:00.000
Release Closed Date:	1992-09-21 00:00:00.000
Date Reported:	1900-01-01 00:00:00.000
Address Details:	NULL
Release Status:	Closed

157	1 of 1	E	0.45 / 2,371.24	875.60 / 50	North Ingalls Building 400 N INGALLS ST ANN ARBOR MI	LUST
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Facility ID:	00034887	Latitude (RIDE):	
EPA ID:		Longitude (RIDE):	
LUST Name:		County (Map):	Washtenaw
Contaminant Class :		Lat (Map):	42.284111
Regulat Pgm (RIDE):		Long (Map):	-83.738441
County (RIDE):		County:	Washtenaw

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Township (RIDE):				EGLE Distri:	Jackson	
Facility Name (RIDE):						
Full Address (RIDE):						
Facility City (RIDE):						
Company Name (Map):		North Ingalls Building				
Address (Map):		400 N INGALLS ST				
City (Map):		ANN ARBOR				
ZIP (Map):		48109				
Location Name:		North Ingalls Building				
Street Address:		400 N INGALLS ST				
City Village:		ANN ARBOR				
Zip Code:		48109				
Data Source:		LUST List; Leaking Underground Storage Tanks Part 213 Closed (Map)				

LUST Details (EGLE Enviromental Mapper)

Owner ID:	12328	H Datum:	NAD83
Active Site:	No	Accuracy:	100
Close Site:	Yes	Acc Unit:	FEET
Close LUST:	Closed	Shp Type:	POINT
Open LUST:	0	Desc Cater:	Plant Entrance (Freight)
Restrict:	YES	Updated on:	2013-03-07 14:22:12.457
Source:	State of MI	MGR X:	
Col Date:	2001-11-01 00:00:00	MGR Y:	
District:	Jackson District Office		
MOC:	Address Matching-House Number		
Geometry:	MULTIPOINT (-83.73843637935568 42.28410286829272)		

LUST List

Release ID:	REL-2622-91
Release Discovered Date:	NULL
Release Closed Date:	1992-08-19 00:00:00.000
Date Reported:	1900-01-01 00:00:00.000
Address Details:	NULL
Release Status:	Closed

158	1 of 1	N	0.45 / 2,382.11	782.24 / -44	BIOTECTIX LLC 940 N MAIN ST ANN ARBOR MI 48104	WASTE
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WDS ID:	490763
Site ID:	MIK219026855
County:	WASHTENAW
Legal Name:	BIOTECTIX LLC
Contact Name:	
Contact Phone:	
Contact Email:	

159	1 of 1	SE	0.45 / 2,388.03	872.36 / 46	TOWER PLAZA 555 E WILLIAM ST ANN ARBOR MI 48104	WASTE
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WDS ID:	458168
Site ID:	MIG000006445
County:	WASHTENAW
Legal Name:	TOWER PLAZA
Contact Name:	
Contact Phone:	
Contact Email:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
160	1 of 7	NE	0.45 / 2,389.95	767.72 / -58	Mich Con 841 Broadway Street, Ann Arbor, MI, 48105 MI	SHWS

EPA ID:
Facility ID (Web): 81000025
Site ID (Map): 81000025
Regulatory Program: 201
Lust Name:
Project Manager: Lesser, Ashley
Release Status:
Pollutants:
Fac Name (Web): Mich Con
Address (Web): 841 Broadway Street, Ann Arbor, MI, 48105
City (Web): Ann Arbor
Township (Web):
County (Web): Washtenaw
Latitude (Web): 42.28908894
Longitude (Web): -83.74323819
Site Name (Map): Mich Con
Address (Map): 841 Broadway Street
City (Map): Ann Arbor
Zip Code (Map): 48105
County (Map): Washtenaw
Latitude (Map): 42.289089
Longitude (Map): -83.7432381
US Congressional District: Debbie Dingell
H Ref Datum: North American Datum of 1983
H Ref Moc: The geographic coordinate determination method based on interpolation-map.
OS Descrip: Risks Present and Require Action in Short-term
Ref Desc: Center of a facility or station.
Risk Condition: Risks Present and Require Action in Short-term
Data Source: DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)

Source: Petroleum & Coal Products
EGLE District:
House District: Felicia Brabec
Senate District: Jeff Irwin
Hzaccms: 15
Scale No: 24,000
MGR X: 685913.77
MGR Y: 196045.74

160	2 of 7	NE	0.45 / 2,389.95	767.72 / -58	Broadway 841 BROADWAY ST ANN ARBOR MI	LUST
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Facility ID: 00013224
EPA ID:
LUST Name:
Contaminant Class :
Regulat Pgm (RIDE): 213
County (RIDE): Washtenaw
Township (RIDE): Ann Arbor
Facility Name (RIDE): Broadway
Full Address (RIDE): 841 BROADWAY ST
Facility City (RIDE): ANN ARBOR
Company Name (Map): Broadway
Address (Map): 841 Broadway St
City (Map): Ann Arbor
ZIP (Map): 48105
Location Name: Broadway
Street Address: 841 BROADWAY ST
City Village: ANN ARBOR
Zip Code: 48105
Data Source: EGLE Remediation Information Data Exchange Tanks (RIDE); LUST List; Leaking Underground Storage Tanks Part 213 Open (Map)

Latitude (RIDE): 42.288501
Longitude (RIDE): -83.742594
County (Map): Washtenaw
Lat (Map): 42.288501
Long (Map): -83.742594
County: Washtenaw
EGLE Distri: Jackson

LUST Details (EGLE Enviromental Mapper)

Owner ID: 62980
Active Site: No
Close Site: Yes
Close LUST: 0
H Datum: NAD83
Accuracy: 100
Acc Unit: FEET
Shp Type: POINT

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Open LUST:	Open				Desc Cater: Plant Entrance (Freight)	
Restrict:	YES				Updated on: 2013-03-07 14:22:12.457	
Source:	State of MI				MGR X:	
Col Date:	2003-10-21 00:00:00				MGR Y:	
District:	Jackson District Office					
MOC:	GPS Code Meas. Standard Positioning Service SA Off					
Geometry:	MULTIPOINT (-83.74258937768086 42.28849286773091)					

Locations

EPA ID:		Senate District:	
Release Status:	Open	House District:	
Egle District:	Jackson	US Congr District:	
Project Manager:	Lesser, Ashley		
Risk Condition:	Risks Present and Require Action in Long-term		
LUST Name:	Mich Con		

Associated Tanks

Release ID:	REL-0117-09	Substance Stored:	Gasoline
Tank ID:	UTK-067165-15	Date of Installatn:	01/01/1978
Tank Status:	Removed from Ground	Capacity Gallons:	12000

Facility Release

Release ID:	REL-0829-92
Type of Release:	Confirmed
Current Classification:	Class 3
Corrective Action Status:	Unknown
Linked Release:	

Facility Release

Release ID:	REL-0217-93
Type of Release:	Confirmed
Current Classification:	Class 3
Corrective Action Status:	Unknown
Linked Release:	

Facility Release

Release ID:	REL-0117-09
Type of Release:	Confirmed
Current Classification:	Class 3
Corrective Action Status:	Unknown
Linked Release:	

Facility Release

Release ID:	REL-2567-91
Type of Release:	Confirmed
Current Classification:	Class 3
Corrective Action Status:	Unknown
Linked Release:	

Facility Release

Release ID:	REL-0996-96
Type of Release:	Confirmed
Current Classification:	Class 3
Corrective Action Status:	Unknown

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

Facility Release Details

Release ID: REL-0996-96
Current Classification: Class 3
Corrective Action Status: Unknown
Previous Classification:
Entry Date: 09/02/1998
Date Release Was Cancelled:
Date Reported: 12/04/1996
Closed With State Funds: No
Date Release Was Upgraded:
Highest Classification: Class 3
Type of Evaluation:
Institutional Controls: No
Upgrade Cancel Date:
Project Manager When Closed: Govus, Ray
Release Closed:
Closed Date:

Facility Release Details

Release ID: REL-0829-92
Current Classification: Class 3
Corrective Action Status: Unknown
Previous Classification:
Entry Date: 12/23/1997
Date Release Was Cancelled:
Date Reported: 05/27/1992
Closed With State Funds: No
Date Release Was Upgraded:
Highest Classification: Class 3
Type of Evaluation:
Institutional Controls: No
Upgrade Cancel Date:
Project Manager When Closed: Govus, Ray
Release Closed:
Closed Date:

Facility Release Details

Release ID: REL-0217-93
Current Classification: Class 3
Corrective Action Status: Unknown
Previous Classification:
Entry Date: 12/23/1997
Date Release Was Cancelled:
Date Reported: 02/03/1993
Closed With State Funds: No
Date Release Was Upgraded:
Highest Classification: Class 3
Type of Evaluation:
Institutional Controls: No
Upgrade Cancel Date:
Project Manager When Closed: Govus, Ray
Release Closed:
Closed Date:

Facility Release Details

Release ID: REL-2567-91
Current Classification: Class 3
Corrective Action Status: Unknown

Previous Classification:

Entry Date: 12/23/1997
Date Release Was Cancelled:
Date Reported: 01/01/1900
Closed With State Funds: No
Date Release Was Upgraded:
Highest Classification: Class 3
Type of Evaluation:
Institutional Controls: No
Upgrade Cancel Date:
Project Manager When Closed: Govus, Ray
Release Closed:
Closed Date:

Facility Release Details

Release ID: REL-0117-09
Current Classification: Class 3
Corrective Action Status: Unknown
Previous Classification:
Entry Date: 07/28/2009
Date Release Was Cancelled:
Date Reported: 07/28/2009
Closed With State Funds: No
Date Release Was Upgraded:
Highest Classification: Class 3
Type of Evaluation:
Institutional Controls: No
Upgrade Cancel Date:
Project Manager When Closed: Govus, Ray
Release Closed:
Closed Date:

LUST List

Release ID: REL-0829-92
Release Discovered Date: 1992-06-08 00:00:00.000
Release Closed Date: NULL
Date Reported: 1992-05-27 00:00:00.000
Address Details: NULL
Release Status: Open

LUST List

Release ID: REL-0117-09
Release Discovered Date: NULL
Release Closed Date: NULL
Date Reported: 2009-07-28 10:00:00.000
Address Details: NULL
Release Status: Open

LUST List

Release ID: REL-0996-96
Release Discovered Date: NULL
Release Closed Date: NULL
Date Reported: 1996-12-04 00:00:00.000
Address Details: NULL
Release Status: Open

LUST List

Release ID: REL-0217-93

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Release Discovered Date: Release Closed Date: Date Reported: Address Details: Release Status:		NULL NULL 1993-02-03 00:00:00.000 NULL Open				
LUST List						
Release ID: Release Discovered Date: Release Closed Date: Date Reported: Address Details: Release Status:		REL-2567-91 1991-12-11 00:00:00.000 NULL 1900-01-01 00:00:00.000 NULL Open				
160	3 of 7	NE	0.45 / 2,389.95	767.72 / -58	DTE BROADWAY STATION 841 BROADWAY ST ANN ARBOR MI 48105	WASTE
WDS ID: Site ID: County: Legal Name: Contact Name: Contact Phone: Contact Email:		411146 MIR000019620 WASHTENAW DTE GAS COMPANY 				
160	4 of 7	NE	0.45 / 2,389.95	767.72 / -58	WASHTENAW COUNTY DRAIN COMM 841 BROADWAY ST ANN ARBOR MI 48105	WASTE
WDS ID: Site ID: County: Legal Name: Contact Name: Contact Phone: Contact Email:		441690 MIG000043564 WASHTENAW COUNTY OF WASHTENAW DRAIN COMMISSION 				
160	5 of 7	NE	0.45 / 2,389.95	767.72 / -58	MICHIGAN CONSOLIDATED GAS CO 841 BROADWAY CENTER ANN ARBOR MI 48105	WASTE
WDS ID: Site ID: County: Legal Name: Contact Name: Contact Phone: Contact Email:		435497 MIP200001103 WASHTENAW MICHIGAN CONSOLIDATED GAS CO 				
160	6 of 7	NE	0.45 / 2,389.95	767.72 / -58	MICH. CON BROADWAY SITE 841 BROADWAY ANN ARBOR MI	BFLD UST
Facility ID: Ernie ID: Current Use: BEA:		81000025 NO		County: WASHTENAW District: JACKSON Latitude: Longitude:		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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BEA Description: NO

160	7 of 7	NE	0.45 / 2,389.95	767.72 / -58	Broadway Park 841 Broadway Street Ann Arbor MI	BFLD REDEV
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Site ID: 81000617
 Facility County: Washtenaw
 Data Source: 2023 Approvals

Details

Approved Date: 10/30/2019
 Tax Incre Amount Approved : 5268230
 Tax Incre Amount Approved 1: 1961294

161	1 of 1	E	0.46 / 2,420.42	875.94 / 50	U OF M NORTH INGALLS BUILDING 300 N INGALLS ST ANN ARBOR MI 48109	WASTE
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WDS ID: 409469
 Site ID: MIR000001800
 County: WASHTENAW
 Legal Name: UNIVERSITY OF MICHIGAN
 Contact Name:
 Contact Phone:
 Contact Email:

162	1 of 1	WNW	0.46 / 2,427.59	839.20 / 13	MAPLE TOWER LDHA LP 727 MILLER AVE ANN ARBOR MI 48103	WASTE
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WDS ID: 405093
 Site ID: MID985612050
 County: WASHTENAW
 Legal Name: MAPLE TOWER LDHA LP
 Contact Name:
 Contact Phone:
 Contact Email:

163	1 of 1	NE	0.49 / 2,576.37	760.88 / -65	CITY OF ANN ARBOR BRIDGE B01-81102 BROADWAY OVER HURON RIVER ANN ARBOR MI 48107	WASTE
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WDS ID: 475212
 Site ID: MIK362314817
 County: WASHTENAW
 Legal Name: CITY OF ANN ARBOR BRIDGE
 Contact Name:
 Contact Phone:
 Contact Email:

164	1 of 1	SW	0.49 / 2,588.28	819.64 / -6	ARGUS BUILDING 535 W. WILLIAMS ST ANN ARBOR MI 48103	WASTE
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WDS ID: 492342

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Site ID:		MIK163890216				
County:		WASHTENAW				
Legal Name:		C-3 PARTNERS LLC				
Contact Name:						
Contact Phone:						
Contact Email:						

165	1 of 3	SSW	0.51 / 2,667.24	823.69 / -2	502 S Main St Ann Arbor MI 48104	BEA
Facility ID (Web):						
Bea No (Web):		200500604JK				
Fac Name (Web):						
Address (Web):		502 S Main St				
City (Web):		Ann Arbor				
Zip (Web):		48103				
County (Web):		Washtenaw				
Township (Web):		Ann Arbor City				
District (Web):		Jackson				
Latitude (Web):		42.28497094				
Longitude (Web):		-83.74823527				
Data Source (Web):		BEA				
Accuracy:		Geocode				
Facility 2:						
Source:						
Submitted:						
Source:		DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)				

165	2 of 3	SSW	0.51 / 2,667.24	823.69 / -2	502 S Main St 502 S Main St, MI, 48103 MI 48103	DELISTED SHWS
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Delisted Part 201 Site List

Facility ID:	81000790	Fac Name (Web):	502 S Main St
Baseline Assess No:		Address (Web):	502 S Main St, MI, 48103
Site ID:	81000790	County (Web):	Washtenaw
Pollutants:		Township (Web):	Ann Arbor City
Site Name (Map):	502 S Main St	City (Web):	
City (Map):		Zip (Web):	48103
County (Map):	Washtenaw	Latitude (Web):	42.285
Latitude (Map):	42.285	Longitude (Web):	-83.7482
Longitude (Map):	-83.7482	Object ID:	
H Ref Datum:		MGR X:	0.0
Hrzaccms:		MGR Y:	0.0
Scale No:			
Egle District:	Jackson		
Ref Desc:			
H Ref Moc:			
OS Descrip:	Risks Not Determined		
Address (Map):	502 S Main St		
Zip Code (Map):	48103		
Report Source:	DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)		
Source:			
Regulatory Program:	201		
Release Status:			
Risk Condition:	Risks Not Determined		
EPA ID:			
House District:			
Location ID:			
Lust Name:			
Project Manager:	Wilde, Dan		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Senate District:
 US Congressional District:
 Address Parsed: 502 S Main St
 Original Source: SHWS
 Record Date: 07-NOV-2022

165	3 of 3	SSW	0.51 / 2,667.24	823.69 / -2	502 South Main Street, Ann Arbor 502 South Main Street Ann Arbor MI 48104	DELISTED SHWS
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Delisted Part 201 Site List

Facility ID:		Fac Name (Web):	
Baseline Assess No:		Address (Web):	
Site ID:	81000887	County (Web):	
Pollutants:		Township (Web):	
Site Name (Map):	502 South Main Street, Ann Arbor	City (Web):	
City (Map):	Ann Arbor	Zip (Web):	
County (Map):	Washtenaw	Latitude (Web):	
Latitude (Map):	42.275907	Longitude (Web):	
Longitude (Map):	-83.7488987	Object ID:	
H Ref Datum:		MGR X:	0.0
Hrzaccms:		MGR Y:	0.0
Scale No:			
Egle District:			
Ref Desc:			
H Ref Moc:			
OS Descrip:	No Known Risks		
Address (Map):	502 South Main Street		
Zip Code (Map):	48104		
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		

166	1 of 1	NE	0.51 / 2,693.15	775.11 / -51	DTE Energy - Ann Arbor Service Center 982 BROADWAY ST, ANN ARBOR, MI, 48105 MI	SHWS
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EPA ID:		Source:	
Facility ID (Web):	81000617	EGLE District:	
Site ID (Map):	81000617	House District:	
Regulatory Program:	201	Senate District:	
Lust Name:		Hrzaccms:	10
Project Manager:	Miller, Mary	Scale No:	
Release Status:		MGR X:	
Pollutants:		MGR Y:	
Fac Name (Web):	DTE Energy - Ann Arbor Service Center		
Address (Web):	982 BROADWAY ST, ANN ARBOR, MI, 48105		
City (Web):	ANN ARBOR		
Township (Web):	Ann Arbor City		
County (Web):	Washtenaw		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Latitude (Web):		42.288027				
Longitude (Web):		-83.740613				
Site Name (Map):		DTE Energy - Ann Arbor Service Center				
Address (Map):		982 BROADWAY ST				
City (Map):		ANN ARBOR				
Zip Code (Map):		48105				
County (Map):		Washtenaw				
Latitude (Map):		42.288027				
Longitude (Map):		-83.740613				
US Congressional District:						
H Ref Datum:		North American Datum of 1983				
H Ref Moc:		The geographic coordinate determination method based on interpolation-map.				
OS Descrip:		Risks Present and Require Action in Short-term				
Ref Desc:		Center of a facility or station.				
Risk Condition:		Risks Present and Require Action in Short-term				
Data Source:		DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)				

167	1 of 1	SW	0.52 / 2,745.66	821.68 / -4	400 4th Street - Argus II Building MI	DELISTED SHWS
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Delisted Part 201 Site List

Facility ID:		Fac Name (Web):	
Baseline Assess No:		Address (Web):	
Site ID:	81000105	County (Web):	
Pollutants:		Township (Web):	
Site Name (Map):	400 4th Street - Argus II Building	City (Web):	
City (Map):		Zip (Web):	
County (Map):	Washtenaw	Latitude (Web):	
Latitude (Map):	42.277958	Longitude (Web):	
Longitude (Map):	-83.75485	Object ID:	
H Ref Datum:	North American Datum of 1983	MGR X:	0.0
Hrzaccms:		MGR Y:	0.0
Scale No:			
Egle District:			
Ref Desc:	Entrance point of a facility or station.		
H Ref Moc:	The geographic coordinate determination method based on interpolation-map.		
OS Descrip:	Risks Present and Immediate		
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		

168	1 of 2	SSW	0.52 / 2,759.58	811.57 / -14	507 S Ashley St # 511 Ann Arbor MI 48103	BEA
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Facility ID (Web):		Facility ID (Map):	
Bea No (Web):	201201186JK	Bea No (Map):	201201186JK
Fac Name (Web):		Fac Name (Map):	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB	
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:	507-511 S. Ashley				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:	507 S Ashley St # 511 Ann Arbor 48103 Washtenaw Ann Arbor City Jackson 42.27603036 -83.74993016 BEA Geocode 6339 1597	
DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)							

[168](#) 2 of 2 **SSW** **0.52 / 2,759.58** **811.57 / -14** **507-511 S. Ashley**
507-511 S. Ashley, Ann Arbor, MI,
48103
MI **SHWS**

EPA ID: Facility ID (Web): Site ID (Map): Regulatory Program: Lust Name: Project Manager: Release Status: Pollutants: Fac Name (Web): Address (Web): City (Web): Township (Web): County (Web): Latitude (Web): Longitude (Web): Site Name (Map): Address (Map): City (Map): Zip Code (Map): County (Map): Latitude (Map): Longitude (Map): US Congressional District: H Ref Datum: H Ref Moc: OS Descrip: Ref Desc: Risk Condition: Data Source:	81000793 81000793 201 Wilde, Dan 507-511 S. Ashley 507-511 S. Ashley, Ann Arbor, MI, 48103 Ann Arbor Washtenaw 42.2759848 -83.74986284 507-511 S. Ashley 507-511 S. Ashley Ann Arbor 48103 Washtenaw 42.275985 -83.7498628 Debbie Dingell Risks Not Determined Risks Not Determined DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)	Source: EGLE District: House District: Senate District: Hzaccms: Scale No: MGR X: MGR Y:	Yousef Rabhi Jeff Irwin
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[169](#) 1 of 1 **S** **0.54 / 2,850.18** **818.93 / -7** **Former Gasoline Service Station**
520 South Main Street
MI **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):	199800114JK Former Gasoline Service Station 520 South Main Street Washtenaw Chelsea Village Jackson	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):
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Data Source (Web): BEA				Data Source (Map):		
Accuracy:				Method of Collect:		
Facility 2:				Object ID:		
Source:				ID:		
Submitted:						
Source:		DEQ Inventory of Facilities (Web)				
170	1 of 2	NE	0.54 / 2,865.46	778.00 / -48	Commercial Property 990 Broadway St MI 48105	BEA
Facility ID (Web):				Facility ID (Map):		
Bea No (Web): 201001015JK				Bea No (Map): 201001015JK		
Fac Name (Web): Commercial Property				Fac Name (Map): Commercial Property		
Address (Web): 990 Broadway St				Address (Map): 990 Broadway St		
City (Web):				City (Map): Ann Arbor		
Zip (Web): 48105				Zip (Map): 48105		
County (Web): Washtenaw				County (Map): Washtenaw		
Township (Web): Ann Arbor City				Township (Map): Ann Arbor City		
District (Web): Jackson				District (Map): Jackson		
Latitude (Web):				Latitude (Map): 42.28918294		
Longitude (Web):				Longitude (Map): -83.73912091		
Data Source (Web): BEA				Data Source (Map): BEA		
Accuracy:				Method of Collect: Geocode		
Facility 2:				Object ID: 11389		
Source:				ID: 13558		
Submitted:						
Source:		DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)				
170	2 of 2	NE	0.54 / 2,865.46	778.00 / -48	990 Broadway St 990 Broadway St, MI, 48105 MI	SHWS
EPA ID:				Source:		
Facility ID (Web): 81000854				EGLE District:		
Site ID (Map): 81000854				House District:		
Regulatory Program: 201				Senate District:		
Lust Name:				Hzaccms:		
Project Manager: Wilde, Dan				Scale No:		
Release Status:				MGR X:		
Pollutants:				MGR Y:		
Fac Name (Web): 990 Broadway St						
Address (Web): 990 Broadway St, MI, 48105						
City (Web):						
Township (Web): Ann Arbor City						
County (Web): Washtenaw						
Latitude (Web): 42.2892						
Longitude (Web): -83.7391						
Site Name (Map): 990 Broadway St						
Address (Map): 990 Broadway St						
City (Map):						
Zip Code (Map): 48105						
County (Map): Washtenaw						
Latitude (Map): 42.2892						
Longitude (Map): -83.7391						
US Congressional District:						
H Ref Datum:						
H Ref Moc:						
OS Descrip: Risks Not Determined						
Ref Desc:						
Risk Condition: Risks Not Determined						
Data Source: DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
171	1 of 2	SSW	0.54 / 2,866.88	812.42 / -14	521 S Ashley MI	BEA
Facility ID (Web): Bea No (Web): 200400577JK Fac Name (Web): Address (Web): 521 S Ashley City (Web): Zip (Web): County (Web): Washtenaw Township (Web): Ann Arbor City District (Web): Jackson Latitude (Web): Longitude (Web): Data Source (Web): BEA Accuracy: Facility 2: Source: Submitted: Source:		Facility ID (Map): Bea No (Map): 200400577JK Fac Name (Map): Address (Map): 521 S Ashley City (Map): Zip (Map): County (Map): Washtenaw Township (Map): Ann Arbor City District (Map): Jackson Latitude (Map): 42.2757403 Longitude (Map): -83.7499556 Data Source (Map): BEA Method of Collect: Geocode Object ID: 6245 ID: 829		DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)		

171	2 of 2	SSW	0.54 / 2,866.88	812.42 / -14	521 South Ashley Street 521 South Ashley Street, Ann Arbor, MI, 48104 MI	SHWS
EPA ID: Facility ID (Web): 81000800 Site ID (Map): 81000800 Regulatory Program: 201 Lust Name: Project Manager: Wilde, Dan Release Status: Pollutants: Fac Name (Web): 521 South Ashley Street Address (Web): 521 South Ashley Street, Ann Arbor, MI, 48104 City (Web): Ann Arbor Township (Web): County (Web): Washtenaw Latitude (Web): 42.27572342 Longitude (Web): -83.74976148 Site Name (Map): 521 South Ashley Street Address (Map): 521 South Ashley Street City (Map): Ann Arbor Zip Code (Map): 48104 County (Map): Washtenaw Latitude (Map): 42.275723 Longitude (Map): -83.7497614 US Congressional District: Debbie Dingell H Ref Datum: H Ref Moc: OS Descrip: Risks Not Determined Ref Desc: Risk Condition: Risks Not Determined Data Source: DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)		Source: EGLE District: House District: Yousef Rabhi Senate District: Jeff Irwin Hzaccms: Scale No: MGR X: MGR Y:				

172	1 of 2	SW	0.55 / 2,925.00	824.30 / -2	400 4th Street - Argus II Building 400 Fourth St Ann Arbor MI 48103	DELISTED SHWS
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Delisted Part 201 Site List

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Facility ID:	81000105				Fac Name (Web): 400 4th Street - Argus II Building	
Baseline Assess No:					Address (Web): 400 Fourth St	
Site ID:	81000105				County (Web): Washtenaw	
Pollutants:					Township (Web): Ann Arbor City	
Site Name (Map):	400 4th Street - Argus II Building				City (Web): Ann Arbor	
City (Map):					Zip (Web): 48103	
County (Map):	Washtenaw				Latitude (Web): 42.27796	
Latitude (Map):	42.277958				Longitude (Web): -83.75485	
Longitude (Map):	-83.75485				Object ID: 9804	
H Ref Datum:	North American Datum of 1983				MGR X:	
Hrzaccms:					MGR Y:	
Scale No:						
Egle District:	Jackson					
Ref Desc:	Entrance point of a facility or station.					
H Ref Moc:	The geographic coordinate determination method based on interpolation-map.					
OS Descrip:	Risks Present and Immediate					
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					

172	2 of 2	SW	0.55 / 2,925.00	824.30 / -2	Argus II Building 400 4th Street, Ann Arbor, MI, 48103 MI	SHWS
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EPA ID:		Source:	
Facility ID (Web):	81000885	EGLE District:	
Site ID (Map):	81000885	House District:	Yousef Rabhi
Regulatory Program:	201	Senate District:	Jeff Irwin
Lust Name:		Hrzaccms:	
Project Manager:	Matthewson, Christopher	Scale No:	
Release Status:		MGR X:	
Pollutants:		MGR Y:	
Fac Name (Web):	Argus II Building		
Address (Web):	400 4th Street, Ann Arbor, MI, 48103		
City (Web):	Ann Arbor		
Township (Web):			
County (Web):	Washtenaw		
Latitude (Web):	42.27783763		
Longitude (Web):	-83.75554505		
Site Name (Map):	Argus II Building		
Address (Map):	400 4th Street		
City (Map):	Ann Arbor		
Zip Code (Map):	48103		
County (Map):	Washtenaw		
Latitude (Map):	42.277838		
Longitude (Map):	-83.755545		
US Congressional District:	Debbie Dingell		
H Ref Datum:			
H Ref Moc:			
OS Descrip:	Risks Present and Immediate		
Ref Desc:			
Risk Condition:	Risks Present and Immediate		
Data Source:	DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
173	1 of 2	E	0.55 / 2,928.57	844.97 / 19	Residential 1010 Catherine St Ann Arbor MI 48104	BEA
Facility ID (Web): Bea No (Web): 200500645JK Fac Name (Web): Residential Address (Web): 1010 Catherine City (Web): Zip (Web): 48104 County (Web): Washtenaw Township (Web): Ann Arbor Township District (Web): Jackson Latitude (Web): Longitude (Web): Data Source (Web): BEA Accuracy: Facility 2: Source: Submitted: Source: DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)		Facility ID (Map): Bea No (Map): 200500645JK Fac Name (Map): Residential Address (Map): 1010 Catherine St City (Map): Ann Arbor Zip (Map): 48104 County (Map): Washtenaw Township (Map): Ann Arbor Township District (Map): Jackson Latitude (Map): 42.28311498 Longitude (Map): -83.73534031 Data Source (Map): BEA Method of Collect: Geocode Object ID: 15432 ID: 28325				
173	2 of 2	E	0.55 / 2,928.57	844.97 / 19	1010 Catherine St Ann Arbor MI 48104	BEA
Facility ID (Web): Bea No (Web): 201101092JK Fac Name (Web): Address (Web): 1010 Catherine Street City (Web): Zip (Web): 48104 County (Web): Washtenaw Township (Web): Ann Arbor City District (Web): Jackson Latitude (Web): Longitude (Web): Data Source (Web): BEA Accuracy: Facility 2: Source: Submitted: Source: DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)		Facility ID (Map): Bea No (Map): 201101092JK Fac Name (Map): Address (Map): 1010 Catherine St City (Map): Ann Arbor Zip (Map): 48104 County (Map): Washtenaw Township (Map): Ann Arbor City District (Map): Jackson Latitude (Map): 42.28311498 Longitude (Map): -83.73534031 Data Source (Map): BEA Method of Collect: Geocode Object ID: 6328 ID: 1467				
174	1 of 1	E	0.56 / 2,951.16	845.06 / 19	1010 Catherine 1010 Catherine, MI, 48104 MI	SHWS
EPA ID: Facility ID (Web): 81000671 Site ID (Map): 81000671 Regulatory Program: 201 Lust Name: Project Manager: Wilde, Dan Release Status: Pollutants: Fac Name (Web): 1010 Catherine Address (Web): 1010 Catherine, MI, 48104 City (Web): Township (Web): County (Web): Washtenaw Latitude (Web): 42.283111		Source: EGLE District: House District: Senate District: Hzaccms: Scale No: MGR X: MGR Y:				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Longitude (Web): -83.736562 Site Name (Map): 1010 Catherine Address (Map): 1010 Catherine City (Map): Zip Code (Map): 48104 County (Map): Washtenaw Latitude (Map): 42.283111 Longitude (Map): -83.736562 US Congressional District: H Ref Datum: H Ref Moc: OS Descrip: Risks Not Determined Ref Desc: Risk Condition: Risks Not Determined Data Source: DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)						

[175](#) 1 of 1 **NE** **0.57 / 3,030.08** **791.41 / -35** **1012 Pontiac St** **1012 Pontiac St, MI, 48105** **SHWS**
MI

EPA ID:		Source:	
Facility ID (Web): 81000674		EGLE District:	
Site ID (Map): 81000674		House District:	
Regulatory Program: 201		Senate District:	
Lust Name:		Hzaccms:	
Project Manager: Wilde, Dan		Scale No:	
Release Status:		MGR X:	
Pollutants:		MGR Y:	
Fac Name (Web): 1012 Pontiac St			
Address (Web): 1012 Pontiac St, MI, 48105			
City (Web):			
Township (Web): Ann Arbor City			
County (Web): Washtenaw			
Latitude (Web): 42.2896			
Longitude (Web): -83.7398			
Site Name (Map): 1012 Pontiac St			
Address (Map): 1012 Pontiac St			
City (Map):			
Zip Code (Map): 48105			
County (Map): Washtenaw			
Latitude (Map): 42.2896			
Longitude (Map): -83.7398			
US Congressional District:			
H Ref Datum:			
H Ref Moc:			
OS Descrip: Risks Not Determined			
Ref Desc:			
Risk Condition: Risks Not Determined			
Data Source: DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)			

[176](#) 1 of 2 **NE** **0.58 / 3,087.15** **780.08 / -46** **former Hop In #507** **1019 Broadway** **BEA**
MI 48105

Facility ID (Web):		Facility ID (Map):	
Bea No (Web): 201601471JK		Bea No (Map):	
Fac Name (Web): former Hop In #507		Fac Name (Map):	
Address (Web): 1019 Broadway		Address (Map):	
City (Web):		City (Map):	
Zip (Web): 48105		Zip (Map):	
County (Web): Washtenaw		County (Map):	
Township (Web): Ann Arbor City		Township (Map):	
District (Web): Jackson		District (Map):	
Latitude (Web):		Latitude (Map):	
Longitude (Web):		Longitude (Map):	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Data Source (Web):	BEA				Data Source (Map):	
Accuracy:					Method of Collect:	
Facility 2:					Object ID:	
Source:					ID:	
Submitted:						
Source:	DEQ Inventory of Facilities (Web)					

176	2 of 2	NE	0.58 / 3,087.15	780.08 / -46	former Hop In #507 1019 Broadway Ann Arbor MI 48105	BEA
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Facility ID (Web):		Facility ID (Map):	00009881
Bea No (Web):		Bea No (Map):	B201701471JK
Fac Name (Web):		Fac Name (Map):	former Hop In #507
Address (Web):		Address (Map):	1019 Broadway
City (Web):		City (Map):	Ann Arbor
Zip (Web):		Zip (Map):	48105
County (Web):		County (Map):	Washtenaw
Township (Web):		Township (Map):	
District (Web):		District (Map):	Jackson
Latitude (Web):		Latitude (Map):	42.289646
Longitude (Web):		Longitude (Map):	-83.739098
Data Source (Web):		Data Source (Map):	
Accuracy:		Method of Collect:	
Facility 2:		Object ID:	18934
Source:		ID:	0
Submitted:			
Source:	DEQ Baseline Environmental Assessment Sites (Map)		

177	1 of 2	E	0.58 / 3,087.19	845.29 / 19	215 Glen Ave MI 48104	BEA
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Facility ID (Web):		Facility ID (Map):	
Bea No (Web):	200500665JK	Bea No (Map):	200500665JK
Fac Name (Web):		Fac Name (Map):	
Address (Web):	215 Glen Ave	Address (Map):	215 Glen Ave
City (Web):		City (Map):	Ann Arbor
Zip (Web):	48104	Zip (Map):	48104
County (Web):	Washtenaw	County (Map):	Washtenaw
Township (Web):	Ann Arbor City	Township (Map):	Ann Arbor City
District (Web):	Jackson	District (Map):	Jackson
Latitude (Web):		Latitude (Map):	42.28235237
Longitude (Web):		Longitude (Map):	-83.73562284
Data Source (Web):	BEA	Data Source (Map):	BEA
Accuracy:		Method of Collect:	Geocode
Facility 2:		Object ID:	6271
Source:		ID:	919
Submitted:			
Source:	DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)		

177	2 of 2	E	0.58 / 3,087.19	845.29 / 19	215 Glen Ave 215 Glen Ave, MI, 48104 MI	SHWS
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EPA ID:		Source:	
Facility ID (Web):	81000718	EGLE District:	
Site ID (Map):	81000718	House District:	
Regulatory Program:	201	Senate District:	
Lust Name:		Hzaccms:	
Project Manager:	Wilde, Dan	Scale No:	
Release Status:		MGR X:	
Pollutants:		MGR Y:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Fac Name (Web): 215 Glen Ave Address (Web): 215 Glen Ave, MI, 48104 City (Web): Township (Web): Ann Arbor City County (Web): Washtenaw Latitude (Web): 42.2824 Longitude (Web): -83.7356 Site Name (Map): 215 Glen Ave Address (Map): 215 Glen Ave City (Map): Zip Code (Map): 48104 County (Map): Washtenaw Latitude (Map): 42.2824 Longitude (Map): -83.7356 US Congressional District: H Ref Datum: H Ref Moc: OS Descrip: Risks Not Determined Ref Desc: Risk Condition: Risks Not Determined Data Source: DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)						

[178](#) 1 of 1 NE 0.59 / 3,090.09 780.08 / -46 Clark Store #2121 1019 BROADWAY ST ANN ARBOR MI 48105 BEA

Facility ID (Web):	Facility ID (Map):	00009881
Bea No (Web):	Bea No (Map):	B201601471JK
Fac Name (Web):	Fac Name (Map):	Clark Store #2121
Address (Web):	Address (Map):	1019 BROADWAY ST
City (Web):	City (Map):	ANN ARBOR
Zip (Web):	Zip (Map):	48105
County (Web):	County (Map):	Washtenaw
Township (Web):	Township (Map):	Ann Arbor
District (Web):	District (Map):	Jackson
Latitude (Web):	Latitude (Map):	42.289588
Longitude (Web):	Longitude (Map):	-83.739115
Data Source (Web):	Data Source (Map):	
Accuracy:	Method of Collect:	
Facility 2:	Object ID:	20889
Source:	ID:	
Submitted:		
Source:		DEQ Baseline Environmental Assessment Sites (Map)

[179](#) 1 of 2 E 0.59 / 3,114.28 847.26 / 21 201 Glen Ave MI 48104 BEA

Facility ID (Web):	Facility ID (Map):	00004341
Bea No (Web): 200500664JK	Bea No (Map):	200500664JK
Fac Name (Web):	Fac Name (Map):	
Address (Web): 201 Glen Ave	Address (Map):	201 Glen Ave
City (Web):	City (Map):	Ann Arbor
Zip (Web): 48104	Zip (Map):	48104
County (Web): Washtenaw	County (Map):	Washtenaw
Township (Web): Ann Arbor City	Township (Map):	Ann Arbor City
District (Web): Jackson	District (Map):	Jackson
Latitude (Web):	Latitude (Map):	42.28229236
Longitude (Web):	Longitude (Map):	-83.73561898
Data Source (Web): BEA	Data Source (Map):	BEA
Accuracy:	Method of Collect:	Geocode
Facility 2: Glen Ann Service	Object ID:	6269
Source: BEA	ID:	917
Submitted:		Glen Ann Place LLC
Source:		DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
179	2 of 2	E	0.59 / 3,114.28	847.26 / 21	Glenn Ann Service 201, 213, 215 & 217 Glen Ave. & 1025-1031 E. Ann St. MI 48104	BEA
Facility ID (Web):		Facility ID (Map):				
Bea No (Web):		Bea No (Map):				
Fac Name (Web):		Fac Name (Map):				
Address (Web):		Address (Map):				
City (Web):		City (Map):				
Zip (Web):		Zip (Map):				
County (Web):		County (Map):				
Township (Web):		Township (Map):				
District (Web):		District (Map):				
Latitude (Web):		Latitude (Map):				
Longitude (Web):		Longitude (Map):				
Data Source (Web):		Data Source (Map):				
Accuracy:		Method of Collect:				
Facility 2:		Object ID:				
Source:		ID:				
Submitted:						
Source:		DEQ Inventory of Facilities (Web)				
180	1 of 1	NE	0.59 / 3,129.98	794.20 / -32	1012 Pontiac Trl Ann Arbor MI 48105	BEA
Facility ID (Web):		Facility ID (Map):				
Bea No (Web):		Bea No (Map):				
Fac Name (Web):		Fac Name (Map):				
Address (Web):		Address (Map):				
City (Web):		City (Map):				
Zip (Web):		Zip (Map):				
County (Web):		County (Map):				
Township (Web):		Township (Map):				
District (Web):		District (Map):				
Latitude (Web):		Latitude (Map):				
Longitude (Web):		Longitude (Map):				
Data Source (Web):		Data Source (Map):				
Accuracy:		Method of Collect:				
Facility 2:		Object ID:				
Source:		ID:				
Submitted:						
Source:		DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)				
181	1 of 1	NE	0.61 / 3,200.17	780.43 / -46	1031 Broadway 1031 Broadway, Ann Arbor, MI, 48105 MI	SHWS
EPA ID:		Source:				
Facility ID (Web):		EGLE District:				
Site ID (Map):		House District:		Felicia Brabec		
Regulatory Program:		Senate District:		Jeff Irwin		
Lust Name:		Hrzaccms:				
Project Manager:		Scale No:				
Release Status:		MGR X:				
Pollutants:		MGR Y:				
Fac Name (Web):		1031 Broadway				
Address (Web):		1031 Broadway, Ann Arbor, MI, 48105				
City (Web):		Ann Arbor				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Township (Web):						
County (Web):		Washtenaw				
Latitude (Web):		42.28840512				
Longitude (Web):		-83.74092221				
Site Name (Map):		1031 Broadway				
Address (Map):		1031 Broadway				
City (Map):		Ann Arbor				
Zip Code (Map):		48105				
County (Map):		Washtenaw				
Latitude (Map):		42.288405				
Longitude (Map):		-83.7409222				
US Congressional District:		Debbie Dingell				
H Ref Datum:						
H Ref Moc:						
OS Descrip:		Risks Present and Require Action in Short-term				
Ref Desc:						
Risk Condition:		Risks Present and Require Action in Short-term				
Data Source:		DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)				

[182](#) 1 of 1 S 0.61 / 3,218.23 815.75 / -10 551 S. 4th Avenue 551 S. 4th Avenue, Ann Arbor, MI, 48104 MI SHWS

EPA ID:

Facility ID (Web): 81000608

Site ID (Map): 81000608

Regulatory Program: 201

Lust Name:

Project Manager: Wilde, Dan

Release Status:

Pollutants:

Fac Name (Web): 551 S. 4th Avenue

Address (Web): 551 S. 4th Avenue, Ann Arbor, MI, 48104

City (Web): Ann Arbor

Township (Web): Ann Arbor City

County (Web): Washtenaw

Latitude (Web): 42.2745

Longitude (Web): -83.7475

Site Name (Map): 551 S. 4th Avenue

Address (Map): 551 S. 4th Avenue

City (Map): Ann Arbor

Zip Code (Map): 48104

County (Map): Washtenaw

Latitude (Map): 42.2745

Longitude (Map): -83.7475

US Congressional District:

H Ref Datum: North American Datum of 1983

H Ref Moc: The geographic coordinate determination method based on interpolation-map.

OS Descrip: Risks Present and Require Action in Short-term

Ref Desc: Entrance point of a facility or station.

Risk Condition: Risks Present and Require Action in Short-term

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

Source:

EGLE District:

House District:

Senate District:

Hrzaccms:

Scale No:

MGR X:

MGR Y:

[183](#) 1 of 2 S 0.61 / 3,221.68 817.35 / -9 Main Madison Properties 552 S Main St # 564 Ann Arbor MI 48104 BEA

Facility ID (Web):

Bea No (Web): 200300487JK

Fac Name (Web): Main Madison Properties

Address (Web): 552 - 564 S Main St

City (Web):

Zip (Web): 48104

County (Web): Washtenaw

Facility ID (Map):

Bea No (Map): 200300487JK

Fac Name (Map): Main Madison Properties

Address (Map): 552 S Main St # 564

City (Map): Ann Arbor

Zip (Map): 48104

County (Map): Washtenaw

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<i>Township (Web):</i>	Ann Arbor City				<i>Township (Map):</i>	Ann Arbor City
<i>District (Web):</i>	Jackson				<i>District (Map):</i>	Jackson
<i>Latitude (Web):</i>					<i>Latitude (Map):</i>	42.28570297
<i>Longitude (Web):</i>					<i>Longitude (Map):</i>	-83.74817924
<i>Data Source (Web):</i>	BEA				<i>Data Source (Map):</i>	BEA
<i>Accuracy:</i>					<i>Method of Collect:</i>	Geocode
<i>Facility 2:</i>					<i>Object ID:</i>	15425
<i>Source:</i>					<i>ID:</i>	23305
<i>Submitted:</i>						
<i>Source:</i>	DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)					

[183](#) 2 of 2 S 0.61 / 3,221.68 817.35 / -9 552 - 564 S Main St
552 - 564 S Main St, MI, 48104 SHWS

EPA ID:
Facility ID (Web): 81000807
Site ID (Map):
Regulatory Program: 201
Lust Name:
Project Manager: Wilde, Dan
Release Status:
Pollutants:
Fac Name (Web): 552 - 564 S Main St
Address (Web): 552 - 564 S Main St, MI, 48104
City (Web):
Township (Web): Ann Arbor City
County (Web): Washtenaw
Latitude (Web): NaN
Longitude (Web): NaN
Site Name (Map):
Address (Map):
City (Map):
Zip Code (Map):
County (Map):
Latitude (Map):
Longitude (Map):
US Congressional District:
H Ref Datum:
H Ref Moc:
OS Descrip:
Ref Desc:
Risk Condition: Risks Not Determined
Data Source: DEQ Inventory of Facilities (Web)

Source:
EGLE District:
House District:
Senate District:
Hzaccms:
Scale No:
MGR X:
MGR Y:

[184](#) 1 of 3 S 0.61 / 3,230.05 818.56 / -7 551 S Fourth
MI 48104 BEA

Facility ID (Web): 81000608
Bea No (Web): 201001020JK
Fac Name (Web):
Address (Web): 551 S Fourth
City (Web):
Zip (Web): 48104
County (Web): Washtenaw
Township (Web): Ann Arbor City
District (Web): Jackson
Latitude (Web): 42.27450
Longitude (Web): -83.74750
Data Source (Web): BEA
Accuracy:
Facility 2:
Source:
Submitted:

Facility ID (Map): 81000608
Bea No (Map): 201001020JK
Fac Name (Map):
Address (Map): 551 S Fourth
City (Map):
Zip (Map): 48104
County (Map): Washtenaw
Township (Map): Ann Arbor City
District (Map): Jackson
Latitude (Map): 42.2745
Longitude (Map): -83.7475
Data Source (Map): BEA
Method of Collect: LocationBased
Object ID: 6139
ID: 2197

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Source: DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)						
184	2 of 3	S	0.61 / 3,230.05	818.56 / -7	551 S. Fourth Avenue MI	BEA
Facility ID (Web):	81000608				Facility ID (Map):	
Bea No (Web):	201401361JK				Bea No (Map):	201401361JK
Fac Name (Web):					Fac Name (Map):	
Address (Web):	551 S. Fourth Avenue				Address (Map):	551 S. Fourth Avenue
City (Web):					City (Map):	0
Zip (Web):					Zip (Map):	0
County (Web):	Washtenaw				County (Map):	Washtenaw
Township (Web):	Ann Arbor City				Township (Map):	Ann Arbor City
District (Web):	Jackson				District (Map):	Jackson
Latitude (Web):	42.27450				Latitude (Map):	42.2745
Longitude (Web):	-83.74750				Longitude (Map):	-83.7475
Data Source (Web):	BEA				Data Source (Map):	
Accuracy:	0				Method of Collect:	
Facility 2:	0				Object ID:	764
Source:	0				ID:	2198
Submitted:	0					
Source: DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)						
184	3 of 3	S	0.61 / 3,230.05	818.56 / -7	551 S. Fourth Avenue MI	BEA
Facility ID (Web):	81000608				Facility ID (Map):	81000608
Bea No (Web):	201401361JK				Bea No (Map):	201401361JK
Fac Name (Web):					Fac Name (Map):	
Address (Web):	551 S. Fourth Avenue				Address (Map):	551 S. Fourth Avenue
City (Web):					City (Map):	
Zip (Web):					Zip (Map):	
County (Web):	Washtenaw				County (Map):	Washtenaw
Township (Web):	Ann Arbor City				Township (Map):	Ann Arbor City
District (Web):	Jackson				District (Map):	Jackson
Latitude (Web):	42.27450				Latitude (Map):	42.2745
Longitude (Web):	-83.74750				Longitude (Map):	-83.7475
Data Source (Web):	BEA				Data Source (Map):	BEA
Accuracy:					Method of Collect:	LocationBased
Facility 2:					Object ID:	6140
Source:					ID:	2198
Submitted:						
Source: DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)						
185	1 of 4	NE	0.62 / 3,280.20	781.42 / -45	Broadway at Maiden Lane MI 48105	BEA
Facility ID (Web):	81000497				Facility ID (Map):	81000497
Bea No (Web):	200800866JK				Bea No (Map):	200800866JK
Fac Name (Web):					Fac Name (Map):	
Address (Web):	Broadway at Maiden Lane				Address (Map):	Broadway at Maiden Lane
City (Web):					City (Map):	
Zip (Web):	48105				Zip (Map):	48105
County (Web):	Washtenaw				County (Map):	Washtenaw
Township (Web):	Ann Arbor City				Township (Map):	Ann Arbor City
District (Web):	Jackson				District (Map):	Jackson
Latitude (Web):	42.29019				Latitude (Map):	42.29019
Longitude (Web):	-83.73704				Longitude (Map):	-83.73704
Data Source (Web):	BEA				Data Source (Map):	BEA
Accuracy:					Method of Collect:	LocationBased

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Facility 2:				Object ID:	6115	
Source:				ID:	2169	
Submitted:						
Source:				DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)		

185	2 of 4	NE	0.62 / 3,280.20	781.42 / -45	Broadway and Maiden Lane MI 48105	BEA
Facility ID (Web):		81000497		Facility ID (Map):		
Bea No (Web):		201801671JK		Bea No (Map):		
Fac Name (Web):		Broadway and Maiden Lane		Fac Name (Map):		
Address (Web):				Address (Map):		
City (Web):				City (Map):		
Zip (Web):		48105		Zip (Map):		
County (Web):		Washtenaw		County (Map):		
Township (Web):		Ann Arbor City		Township (Map):		
District (Web):		Jackson		District (Map):		
Latitude (Web):		42.29019		Latitude (Map):		
Longitude (Web):		-83.73704		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)				

185	3 of 4	NE	0.62 / 3,280.20	781.42 / -45	NE Corner of Maiden Lane & Broadway St. MI 48105	BEA
Facility ID (Web):		201801676JK		Facility ID (Map):		
Bea No (Web):				Bea No (Map):		
Fac Name (Web):		NE Corner of Maiden Lane & Broadway St.		Fac Name (Map):		
Address (Web):				Address (Map):		
City (Web):				City (Map):		
Zip (Web):		48105		Zip (Map):		
County (Web):		Washtenaw		County (Map):		
Township (Web):		Ann Arbor City		Township (Map):		
District (Web):		Jackson		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)				

185	4 of 4	NE	0.62 / 3,280.20	781.42 / -45	Broadway and Maiden Lane MI 48105	BEA
Facility ID (Web):		81000497		Facility ID (Map):		
Bea No (Web):		201801670JK		Bea No (Map):		
Fac Name (Web):		Broadway and Maiden Lane		Fac Name (Map):		
Address (Web):				Address (Map):		
City (Web):				City (Map):		
Zip (Web):		48105		Zip (Map):		
County (Web):		Washtenaw		County (Map):		
Township (Web):		Ann Arbor City		Township (Map):		
District (Web):		Jackson		District (Map):		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Latitude (Web): Longitude (Web): Data Source (Web): Accuracy: Facility 2: Source: Submitted: Source:	42.29019 -83.73704 BEA				Latitude (Map): Longitude (Map): Data Source (Map): Method of Collect: Object ID: ID:	
		DEQ Inventory of Facilities (Web)				

186	1 of 1	N	0.63 / 3,317.64	785.49 / -41	Lansky Scrapyard 1100 N MAIN ST, ANN ARBOR, MI, 48104 MI	SHWS
EPA ID: Facility ID (Web): Site ID (Map): Regulatory Program: Lust Name: Project Manager: Release Status: Pollutants: Fac Name (Web): Address (Web): City (Web): Township (Web): County (Web): Latitude (Web): Longitude (Web): Site Name (Map): Address (Map): City (Map): Zip Code (Map): County (Map): Latitude (Map): Longitude (Map): US Congressional District: H Ref Datum: H Ref Moc: OS Descrip: Ref Desc: Risk Condition: Data Source:	81000093 81000093 201 Wilde, Dan			Source: EGLE District: House District: Senate District: Hrzaccms: Scale No: MGR X: MGR Y:	Felicia Brabec Jeff Irwin 15 24,000 685627.23 196096.3	
		Lansky Scrapyard 1100 N MAIN ST, ANN ARBOR, MI, 48104 ANN ARBOR Washtenaw 42.2932627 -83.74667164 Lansky Scrapyard 1100 N MAIN ST ANN ARBOR 48104 Washtenaw 42.293263 -83.7466716 Debbie Dingell North American Datum of 1983 The geographic coordinate determination method based on interpolation-map. Risks Present and Require Action in Short-term Center of a facility or station. Risks Present and Require Action in Short-term DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)				

187	1 of 1	ENE	0.64 / 3,398.87	777.43 / -49	Broadway Coin Laundry 915 Maiden Ln & 1100/1102/1110 Broadway MI 48105	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:	81000497 200500641JK Broadway Coin Laundry 915 Maiden Ln & 1100/1102/1110 Broadway 48105 Washtenaw Ann Arbor City Jackson 42.29019 -83.73704 BEA			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:	81000497 200500641JK Broadway Coin Laundry 915 Maiden Ln & 1100/1102/1110 Broadway 48105 Washtenaw Ann Arbor City Jackson 42.29019 -83.73704 BEA LocationBased 6156 11676	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Source: DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)						
188	1 of 2	ENE	0.64 / 3,403.47	775.05 / -51	923 Maiden Lane MI 48105	BEA
Facility ID (Web):	81000497				Facility ID (Map):	81000497
Bea No (Web):	200300497JK				Bea No (Map):	200300497JK
Fac Name (Web):					Fac Name (Map):	
Address (Web):	923 Maiden Lane				Address (Map):	923 Maiden Lane
City (Web):					City (Map):	
Zip (Web):	48105				Zip (Map):	48105
County (Web):	Washtenaw				County (Map):	Washtenaw
Township (Web):	Ann Arbor City				Township (Map):	Ann Arbor City
District (Web):	Jackson				District (Map):	Jackson
Latitude (Web):	42.29019				Latitude (Map):	42.29019
Longitude (Web):	-83.73704				Longitude (Map):	-83.73704
Data Source (Web):	BEA				Data Source (Map):	BEA
Accuracy:					Method of Collect:	LocationBased
Facility 2:					Object ID:	6111
Source:					ID:	2165
Submitted:						
Source: DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)						
188	2 of 2	ENE	0.64 / 3,403.47	775.05 / -51	923 Maiden Lane MI 48105	BEA
Facility ID (Web):	81000497				Facility ID (Map):	81000497
Bea No (Web):	200300507JK				Bea No (Map):	200300507JK
Fac Name (Web):					Fac Name (Map):	
Address (Web):	923 Maiden Lane				Address (Map):	923 Maiden Lane
City (Web):					City (Map):	
Zip (Web):	48105				Zip (Map):	48105
County (Web):	Washtenaw				County (Map):	Washtenaw
Township (Web):	Ann Arbor City				Township (Map):	Ann Arbor City
District (Web):	Jackson				District (Map):	Jackson
Latitude (Web):	42.29019				Latitude (Map):	42.29019
Longitude (Web):	-83.73704				Longitude (Map):	-83.73704
Data Source (Web):	BEA				Data Source (Map):	BEA
Accuracy:					Method of Collect:	LocationBased
Facility 2:					Object ID:	6112
Source:					ID:	2166
Submitted:						
Source: DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)						
189	1 of 1	S	0.65 / 3,446.19	817.36 / -9	601 S Main MI	BEA
Facility ID (Web):					Facility ID (Map):	
Bea No (Web):	200500627JK				Bea No (Map):	200500627JK
Fac Name (Web):					Fac Name (Map):	
Address (Web):	601 S Main				Address (Map):	601 S Main
City (Web):					City (Map):	0
Zip (Web):					Zip (Map):	48104
County (Web):	Washtenaw				County (Map):	Washtenaw
Township (Web):	Ann Arbor City				Township (Map):	Ann Arbor City
District (Web):	Jackson				District (Map):	Jackson
Latitude (Web):					Latitude (Map):	42.273701
Longitude (Web):					Longitude (Map):	-83.748887
Data Source (Web):	BEA				Data Source (Map):	
Accuracy:	0				Method of Collect:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Facility 2:	0				Object ID:	1923
Source:	0				ID:	900
Submitted:		0				
Source:		DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)				

190	1 of 1	ENE	0.66 / 3,509.65	773.77 / -52	1140 Broadway & 943 Maiden Ln MI 48105	BEA
Facility ID (Web):	81000497				Facility ID (Map):	81000497
Bea No (Web):	200600753JK				Bea No (Map):	200600753JK
Fac Name (Web):					Fac Name (Map):	
Address (Web):	1140 Broadway & 943 Maiden Ln				Address (Map):	1140 Broadway & 943 Maiden Ln
City (Web):					City (Map):	
Zip (Web):	48105				Zip (Map):	48105
County (Web):	Washtenaw				County (Map):	Washtenaw
Township (Web):	Ann Arbor City				Township (Map):	Ann Arbor City
District (Web):	Jackson				District (Map):	Jackson
Latitude (Web):	42.29019				Latitude (Map):	42.29019
Longitude (Web):	-83.73704				Longitude (Map):	-83.73704
Data Source (Web):	BEA				Data Source (Map):	BEA
Accuracy:					Method of Collect:	LocationBased
Facility 2:					Object ID:	6114
Source:					ID:	2168
Submitted:		DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)				
Source:						

191	1 of 1	ENE	0.67 / 3,523.92	776.78 / -49	1120 Broadway MI 48105	BEA
Facility ID (Web):	81000497				Facility ID (Map):	81000497
Bea No (Web):	200500624JK				Bea No (Map):	200500624JK
Fac Name (Web):					Fac Name (Map):	
Address (Web):	1120 Broadway				Address (Map):	1120 Broadway
City (Web):					City (Map):	
Zip (Web):	48105				Zip (Map):	48105
County (Web):	Washtenaw				County (Map):	Washtenaw
Township (Web):	Ann Arbor City				Township (Map):	Ann Arbor City
District (Web):	Jackson				District (Map):	Jackson
Latitude (Web):	42.29019				Latitude (Map):	42.29019
Longitude (Web):	-83.73704				Longitude (Map):	-83.73704
Data Source (Web):	BEA				Data Source (Map):	BEA
Accuracy:					Method of Collect:	LocationBased
Facility 2:					Object ID:	6113
Source:					ID:	2167
Submitted:		DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)				
Source:						

192	1 of 6	NE	0.68 / 3,585.00	779.06 / -47	Broadway Coin Laundry 1120 Broadway Ann Arbor MI 48933	BEA
Facility ID (Web):					Facility ID (Map):	81000497
Bea No (Web):					Bea No (Map):	B201801671JK
Fac Name (Web):					Fac Name (Map):	Broadway Coin Laundry
Address (Web):					Address (Map):	1120 Broadway
City (Web):					City (Map):	Ann Arbor
Zip (Web):					Zip (Map):	48933
County (Web):					County (Map):	Washtenaw
Township (Web):					Township (Map):	NULL
District (Web):					District (Map):	Jackson
Latitude (Web):					Latitude (Map):	42.290186

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Longitude (Web): Data Source (Web): Accuracy: Facility 2: Source: Submitted: Source:					Longitude (Map): -83.737041 Data Source (Map): Method of Collect: Object ID: 20898 ID:	
DEQ Baseline Environmental Assessment Sites (Map)						

192	2 of 6	NE	0.68 / 3,585.00	779.06 / -47	Broadway Coin Laundry 1120 Broadway Ann Arbor MI 48933	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): 81000497 Bea No (Map): B201801682JK Fac Name (Map): Broadway Coin Laundry Address (Map): 1120 Broadway City (Map): Ann Arbor Zip (Map): 48933 County (Map): Washtenaw Township (Map): NULL District (Map): Jackson Latitude (Map): 42.290186 Longitude (Map): -83.737041 Data Source (Map): Method of Collect: Object ID: 20895 ID:	
DEQ Baseline Environmental Assessment Sites (Map)						

192	3 of 6	NE	0.68 / 3,585.00	779.06 / -47	Broadway Coin Laundry 1120 Broadway Ann Arbor MI 48933	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): 81000497 Bea No (Map): B201801670JK Fac Name (Map): Broadway Coin Laundry Address (Map): 1120 Broadway City (Map): Ann Arbor Zip (Map): 48933 County (Map): Washtenaw Township (Map): NULL District (Map): Jackson Latitude (Map): 42.290186 Longitude (Map): -83.737041 Data Source (Map): Method of Collect: Object ID: 20897 ID:	
DEQ Baseline Environmental Assessment Sites (Map)						

192	4 of 6	NE	0.68 / 3,585.00	779.06 / -47	Broadway Coin Laundry 1120 Broadway Ann Arbor MI 48933	BEA
Facility ID (Web): Bea No (Web): Fac Name (Web): Address (Web): City (Web): Zip (Web): County (Web):					Facility ID (Map): 81000497 Bea No (Map): B201801673JK Fac Name (Map): Broadway Coin Laundry Address (Map): 1120 Broadway City (Map): Ann Arbor Zip (Map): 48933 County (Map): Washtenaw	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Township (Web): District (Web): Latitude (Web): Longitude (Web): Data Source (Web): Accuracy: Facility 2: Source: Submitted: Source:		Township (Map): District (Map): Latitude (Map): Longitude (Map): Data Source (Map): Method of Collect: Object ID: ID:		NULL Jackson 42.290186 -83.737041 20894	DEQ Baseline Environmental Assessment Sites (Map)	

192	5 of 6	NE	0.68 / 3,585.00	779.06 / -47	Broadway Coin Laundry 1120 Broadway Ann Arbor MI 48933	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:		81000497 B201801672JK Broadway Coin Laundry 1120 Broadway Ann Arbor 48933 Washtenaw NULL Jackson 42.290186 -83.737041 20893	DEQ Baseline Environmental Assessment Sites (Map)	

192	6 of 6	NE	0.68 / 3,585.00	779.06 / -47	Broadway Coin Laundry 1120 Broadway Ann Arbor MI 48933	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:		81000497 B201801683JK Broadway Coin Laundry 1120 Broadway Ann Arbor 48933 Washtenaw NULL Jackson 42.290186 -83.737041 20896	DEQ Baseline Environmental Assessment Sites (Map)	

193	1 of 5	ENE	0.68 / 3,589.53	767.18 / -59	999 Maiden Lane MI 48105	BEA
Facility ID (Web): Bea No (Web): Fac Name (Web): Address (Web):		Facility ID (Map): Bea No (Map): Fac Name (Map): Address (Map):		201801674JK 999 Maiden Lane		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
City (Web):					City (Map):	
Zip (Web):	48105				Zip (Map):	
County (Web):	Washtenaw				County (Map):	
Township (Web):	Ann Arbor City				Township (Map):	
District (Web):	Jackson				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)				

[193](#) 2 of 5 *ENE* 0.68 / 3,589.53 767.18 / -59 999 Maiden Lane MI 60654 *BEA*

Facility ID (Web):		Facility ID (Map):	
Bea No (Web):	201801675JK	Bea No (Map):	
Fac Name (Web):		Fac Name (Map):	
Address (Web):	999 Maiden Lane	Address (Map):	
City (Web):		City (Map):	
Zip (Web):	60654	Zip (Map):	
County (Web):	Washtenaw	County (Map):	
Township (Web):	Ann Arbor City	Township (Map):	
District (Web):	Jackson	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)	

[193](#) 3 of 5 *ENE* 0.68 / 3,589.53 767.18 / -59 999 Maiden Lane 999 Maiden Lane Ann Arbor MI 48105 *BEA*

Facility ID (Web):		Facility ID (Map):	81000856
Bea No (Web):		Bea No (Map):	B201801674JK
Fac Name (Web):		Fac Name (Map):	999 Maiden Lane
Address (Web):		Address (Map):	999 Maiden Lane
City (Web):		City (Map):	Ann Arbor
Zip (Web):		Zip (Map):	48105
County (Web):		County (Map):	Washtenaw
Township (Web):		Township (Map):	NULL
District (Web):		District (Map):	Jackson
Latitude (Web):		Latitude (Map):	42.289242
Longitude (Web):		Longitude (Map):	-83.736051
Data Source (Web):		Data Source (Map):	
Accuracy:		Method of Collect:	
Facility 2:		Object ID:	25348
Source:		ID:	
Submitted:			
Source:		DEQ Baseline Environmental Assessment Sites (Map)	

[193](#) 4 of 5 *ENE* 0.68 / 3,589.53 767.18 / -59 999 Maiden Lane 999 Maiden Lane Ann Arbor MI 48105 *BEA*

Facility ID (Web):		Facility ID (Map):	81000856
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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:					Bea No (Map): B201801675JK Fac Name (Map): 999 Maiden Lane Address (Map): 999 Maiden Lane City (Map): Ann Arbor Zip (Map): 48105 County (Map): Washtenaw Township (Map): NULL District (Map): Jackson Latitude (Map): 42.289242 Longitude (Map): -83.736051 Data Source (Map): Method of Collect: Object ID: 25349 ID:	
DEQ Baseline Environmental Assessment Sites (Map)						

193	5 of 5	ENE	0.68 / 3,589.53	767.18 / -59	999 Maiden Lane 999 Maiden Lane, MI, 48105 MI	SHWS
EPA ID: Facility ID (Web): 81000856 Site ID (Map): 81000856 Regulatory Program: 201 Lust Name: Project Manager: Wilde, Dan Release Status: Pollutants: Fac Name (Web): 999 Maiden Lane Address (Web): 999 Maiden Lane, MI, 48105 City (Web): Township (Web): Ann Arbor City County (Web): Washtenaw Latitude (Web): 42.288728 Longitude (Web): -83.735818 Site Name (Map): 999 Maiden Lane Address (Map): 999 Maiden Lane City (Map): Zip Code (Map): 48105 County (Map): Washtenaw Latitude (Map): 42.288728 Longitude (Map): -83.735818 US Congressional District: H Ref Datum: H Ref Moc: OS Descrip: Risks Not Determined Ref Desc: Risk Condition: Risks Not Determined Data Source: DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)						
Source: EGLE District: House District: Senate District: Hzaccms: Scale No: MGR X: MGR Y:						

194	1 of 1	NE	0.68 / 3,602.21	777.59 / -48	Broadway Coin Laundry 1120 Broadway Street, Ann Arbor, MI, 48105 MI	SHWS
EPA ID: Facility ID (Web): 81000497 Site ID (Map): 81000497 Regulatory Program: 201 Lust Name: Project Manager: Lesser, Ashley Release Status: Pollutants: Fac Name (Web): Broadway Coin Laundry						
Source: EGLE District: House District: Yousef Rabhi Senate District: Jeff Irwin Hzaccms: 15 Scale No: 24,000 MGR X: MGR Y:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Address (Web):		1120 Broadway Street, Ann Arbor, MI, 48105				
City (Web):		Ann Arbor				
Township (Web):		Washtenaw				
County (Web):		42.2897765				
Latitude (Web):		-83.73727084				
Longitude (Web):		Broadway Coin Laundry				
Site Name (Map):		1120 Broadway Street				
Address (Map):		Ann Arbor				
City (Map):		48105				
Zip Code (Map):		Washtenaw				
County (Map):		42.289777				
Latitude (Map):		-83.7372708				
Longitude (Map):		Debbie Dingell				
US Congressional District:		North American Datum of 1983				
H Ref Datum:		The geographic coordinate determination method based on interpolation-map.				
H Ref Moc:		Risks Present and Immediate				
OS Descrip:		Center of a facility or station.				
Ref Desc:		Risks Present and Immediate				
Risk Condition:		DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)				
Data Source:						

195	1 of 1	ENE	0.69 / 3,639.93	767.62 / -58	Medical Center Court Apartments 1005 Maiden Lane, Ann Arbor, MI, 48105 MI	SHWS
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EPA ID:				Source:	
Facility ID (Web):	81000621			EGLE District:	
Site ID (Map):	81000621			House District:	Yousef Rabhi
Regulatory Program:	201			Senate District:	Jeff Irwin
Lust Name:				Hzaccms:	
Project Manager:	Lesser, Ashley			Scale No:	
Release Status:				MGR X:	
Pollutants:				MGR Y:	
Fac Name (Web):	Medical Center Court Apartments				
Address (Web):	1005 Maiden Lane, Ann Arbor, MI, 48105				
City (Web):	Ann Arbor				
Township (Web):	Washtenaw				
County (Web):	42.28894162				
Latitude (Web):	-83.73531733				
Longitude (Web):	Medical Center Court Apartments				
Site Name (Map):	1005 Maiden Lane				
Address (Map):	Ann Arbor				
City (Map):	48105				
Zip Code (Map):	Washtenaw				
County (Map):	42.288942				
Latitude (Map):	-83.7353173				
Longitude (Map):	Debbie Dingell				
US Congressional District:					
H Ref Datum:					
H Ref Moc:					
OS Descrip:	Risks Present and Immediate				
Ref Desc:					
Risk Condition:	Risks Present and Immediate				
Data Source:	DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)				

196	1 of 1	ENE	0.69 / 3,643.48	776.00 / -50	Lower Town Redevelopment Site 1120, 1140-1142, 1156, 1160-1170, 1100 Broadway & 915, 931, 943, 959 Maiden Ln. MI 48104	BEA
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Facility ID (Web):	81000497	Facility ID (Map):	
Bea No (Web):	201701564JK	Bea No (Map):	
Fac Name (Web):	Lower Town Redevelopment Site	Fac Name (Map):	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Address (Web):		1120, 1140-1142, 1156, 1160-1170, 1100 Broadway & 915, 931, 943, 959 Maiden Ln.		Address (Map):		
City (Web):		48104		City (Map):		
Zip (Web):		Washtenaw		Zip (Map):		
County (Web):		Ann Arbor City		County (Map):		
Township (Web):		Jackson		Township (Map):		
District (Web):		42.29019		District (Map):		
Latitude (Web):		-83.73704		Latitude (Map):		
Longitude (Web):		BEA		Longitude (Map):		
Data Source (Web):				Data Source (Map):		
Accuracy:				Method of Collect:		
Facility 2:				Object ID:		
Source:				ID:		
Submitted:		DEQ Inventory of Facilities (Web)				

197	1 of 2	S	0.69 / 3,643.54	818.00 / -8	Commercial Property 613, 617 & 715 South Fifth Ave 00021201 Ann Arbor MI 48104	BEA
Facility ID (Web):				Facility ID (Map): 81000665		
Bea No (Web):				Bea No (Map): 81000665-BEA-1		
Fac Name (Web):				Fac Name (Map): Commercial Property		
Address (Web):				Address (Map): 613, 617 & 715 South Fifth Ave 00021201		
City (Web):				City (Map): Ann Arbor		
Zip (Web):				Zip (Map): 48104		
County (Web):				County (Map): Washtenaw		
Township (Web):				Township (Map): NULL		
District (Web):				District (Map): Jackson		
Latitude (Web):				Latitude (Map): 42.27416161		
Longitude (Web):				Longitude (Map): -83.74665002		
Data Source (Web):				Data Source (Map):		
Accuracy:				Method of Collect:		
Facility 2:				Object ID: 20822		
Source:				ID:		
Submitted:		DEQ Baseline Environmental Assessment Sites (Map)				

197	2 of 2	S	0.69 / 3,643.54	818.00 / -8	Commercial Property 613, 617 & 715 South Fifth Ave 00021201 Ann Arbor MI 48104	DELISTED SHWS
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Delisted Part 201 Site List

Facility ID:		Fac Name (Web):	
Baseline Assess No:		Address (Web):	
Site ID:	81000665	County (Web):	
Pollutants:		Township (Web):	
Site Name (Map):		City (Web):	
City (Map):		Zip (Web):	
County (Map):		Latitude (Web):	
Latitude (Map):		Longitude (Web):	
Longitude (Map):		Object ID:	
H Ref Datum:		MGR X: 0.0	
Hrzaccms:		MGR Y: 0.0	
Scale No:			
Egle District:			
Ref Desc:			
H Ref Moc:			
OS Descrip:		No Known Risks	
Address (Map):		613, 617 & 715 South Fifth Ave 00021201	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Zip Code (Map):		48104				
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				

[198](#) 1 of 1 **ESE** **0.70 / 3,689.94** **880.62 / 55** **UNIVERSITY OF MICHIGAN, ANN ARBOR** **FUDS**
ANN ARBOR MI

FUDS Property No: E05MI1171
EMS Map Link: <https://fudsportal.usace.army.mil/ems/inventory/map?id=57202>
FUDS INST ID: MI59799F835600
Status: Properties without projects
SDS ID:
NPL Status Code: Not on the NPL
Eligibility: Ineligible
Site Eligib:
Current Owner:
Has Project: No
DOD FUDS Pro:
Project Required: No
No Further Action:
Congressional District: 12
Media ID:
Metadata ID:
Feature Desc:
EPA Region: 05
County: WASHTENAW
Latitude: 42.2772222
Longitude: -83.73638889
Fiscal year: 2019
USACE Division: lrd
USACE District: lrl
Shape Area:
Shape Len:
X: -83.7363891601563
Y: 42.2774047851563
Property History:

The University of Michigan - Ann Arbor property is approximately 45 acres in size and is located on the campus of the University of Michigan in the City of Ann Arbor, Washtenaw County, Michigan. The property includes two buildings that may have been used for the World War I research, the Dana Building (Natural Resources & Environment, the former Medical Building) and the original part of the Chemistry Building (08). The property is located just south of the intersection of Fletcher Street and North University Avenue, and is geographically located at N 42° 16' 37.9", W 83° 44' 11.2" within Section 28, Township 2 South, Range 6 East.

[199](#) 1 of 1 **S** **0.70 / 3,693.42** **822.25 / -4** **Former Carwash Building** **SHWS**
633 S Main ST, Ann Arbor, MI, 48104 MI

EPA ID:
Facility ID (Web): 10000003
Site ID (Map):
Source:
EGLE District:
House District: John Roth

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Regulatory Program:	201				Senate District: Ken Horn	
Lust Name:					Hrzaccms:	
Project Manager:	Hale, Jarrett				Scale No:	
Release Status:					MGR X:	
Pollutants:					MGR Y:	
Fac Name (Web):		Benzonia Laundromat				
Address (Web):		2979 BENZIE HWY, Benzonia, MI, 49616				
City (Web):		Benzonia				
Township (Web):		Benzonia				
County (Web):		Benzie				
Latitude (Web):		44.58913435				
Longitude (Web):		-86.09889195				
Site Name (Map):						
Address (Map):						
City (Map):						
Zip Code (Map):						
County (Map):						
Latitude (Map):						
Longitude (Map):						
US Congressional District:		Jack Bergman				
H Ref Datum:						
H Ref Moc:						
OS Descrip:						
Ref Desc:						
Risk Condition:		Risks Present and Immediate				
Data Source:		DEQ Inventory of Facilities (Web)				

200	1 of 1	S	0.70 / 3,714.74	822.14 / -4	Fox Tent & Awning Company 618 S. Main Street, Ann Arbor, MI, 48103 MI	SHWS
EPA ID:					Source:	
Facility ID (Web):	81000588				EGLE District:	
Site ID (Map):	81000588				House District:	
Regulatory Program:	201				Senate District:	
Lust Name:					Hrzaccms:	
Project Manager:	Wilde, Dan				Scale No:	
Release Status:					MGR X:	
Pollutants:					MGR Y:	
Fac Name (Web):		Fox Tent & Awning Company				
Address (Web):		618 S. Main Street, Ann Arbor, MI, 48103				
City (Web):		Ann Arbor				
Township (Web):		Ann Arbor City				
County (Web):		Washtenaw				
Latitude (Web):		42.273316				
Longitude (Web):		-83.749692				
Site Name (Map):		Fox Tent & Awning Company				
Address (Map):		618 S. Main Street				
City (Map):		Ann Arbor				
Zip Code (Map):		48103				
County (Map):		Washtenaw				
Latitude (Map):		42.273316				
Longitude (Map):		-83.749692				
US Congressional District:						
H Ref Datum:						
H Ref Moc:		The geographic coordinate determination method based on interpolation-map.				
OS Descrip:		Risks Present and Require Action in Short-term				
Ref Desc:		Center of a facility or station.				
Risk Condition:		Risks Present and Require Action in Short-term				
Data Source:		DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)				

201	1 of 3	S	0.71 / 3,763.99	823.06 / -3	637 South Main Street MI 48103	BEA
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<i>Facility ID (Web):</i>	81000607				<i>Facility ID (Map):</i> 81000607	
<i>Bea No (Web):</i>	201401363JK				<i>Bea No (Map):</i> 201401363JK	
<i>Fac Name (Web):</i>					<i>Fac Name (Map):</i>	
<i>Address (Web):</i>	637 South Main Street				<i>Address (Map):</i> 637 South Main Street	
<i>City (Web):</i>					<i>City (Map):</i>	
<i>Zip (Web):</i>	48103				<i>Zip (Map):</i> 48103	
<i>County (Web):</i>	Washtenaw				<i>County (Map):</i> Washtenaw	
<i>Township (Web):</i>	Ann Arbor City				<i>Township (Map):</i> Ann Arbor City	
<i>District (Web):</i>	Jackson				<i>District (Map):</i> Jackson	
<i>Latitude (Web):</i>	42.27333				<i>Latitude (Map):</i> 42.27333	
<i>Longitude (Web):</i>	-83.74918				<i>Longitude (Map):</i> -83.74918	
<i>Data Source (Web):</i>	BEA				<i>Data Source (Map):</i> BEA	
<i>Accuracy:</i>					<i>Method of Collect:</i> LocationBased	
<i>Facility 2:</i>					<i>Object ID:</i> 6138	
<i>Source:</i>					<i>ID:</i> 2196	
<i>Submitted:</i>						
<i>Source:</i>	DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)					

201	2 of 3	S	0.71 / 3,763.99	823.06 / -3	637 S. Main Street 637 S. Main Street, Ann Arbor, MI, 48103 MI	SHWS
<i>EPA ID:</i>					<i>Source:</i>	
<i>Facility ID (Web):</i>	81000607				<i>EGLE District:</i>	
<i>Site ID (Map):</i>	81000607				<i>House District:</i>	
<i>Regulatory Program:</i>	201				<i>Senate District:</i>	
<i>Lust Name:</i>					<i>Hrzaccms:</i>	
<i>Project Manager:</i>	Wilde, Dan				<i>Scale No:</i>	
<i>Release Status:</i>					<i>MGR X:</i>	
<i>Pollutants:</i>					<i>MGR Y:</i>	
<i>Fac Name (Web):</i>	637 S. Main Street					
<i>Address (Web):</i>	637 S. Main Street, Ann Arbor, MI, 48103					
<i>City (Web):</i>	Ann Arbor					
<i>Township (Web):</i>	Ann Arbor City					
<i>County (Web):</i>	Washtenaw					
<i>Latitude (Web):</i>	42.273328					
<i>Longitude (Web):</i>	-83.749182					
<i>Site Name (Map):</i>	637 S. Main Street					
<i>Address (Map):</i>	637 S. Main Street					
<i>City (Map):</i>	Ann Arbor					
<i>Zip Code (Map):</i>	48103					
<i>County (Map):</i>	Washtenaw					
<i>Latitude (Map):</i>	42.273328					
<i>Longitude (Map):</i>	-83.749182					
<i>US Congressional District:</i>						
<i>H Ref Datum:</i>						
<i>H Ref Moc:</i>	Global Positioning Method, with unspecified parameters.					
<i>OS Descrip:</i>	Risks Present and Require Action in Short-term					
<i>Ref Desc:</i>	Entrance point of a facility or station.					
<i>Risk Condition:</i>	Risks Present and Require Action in Short-term					
<i>Data Source:</i>	DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)					

201	3 of 3	S	0.71 / 3,763.99	823.06 / -3	637 S. Main Street 637 S. Main Street Ann Arbor MI 48103	BEA
<i>Facility ID (Web):</i>					<i>Facility ID (Map):</i> 81000607	
<i>Bea No (Web):</i>					<i>Bea No (Map):</i> B201601535JK	
<i>Fac Name (Web):</i>					<i>Fac Name (Map):</i> 637 S. Main Street	
<i>Address (Web):</i>					<i>Address (Map):</i> 637 S. Main Street	
<i>City (Web):</i>					<i>City (Map):</i> Ann Arbor	
<i>Zip (Web):</i>					<i>Zip (Map):</i> 48103	
<i>County (Web):</i>					<i>County (Map):</i> Washtenaw	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Township (Web): District (Web): Latitude (Web): Longitude (Web): Data Source (Web): Accuracy: Facility 2: Source: Submitted: Source:				Township (Map): District (Map): Latitude (Map): Longitude (Map): Data Source (Map): Method of Collect: Object ID: ID:		Ann Arbor City Jackson 42.273328 -83.749182 20818
DEQ Baseline Environmental Assessment Sites (Map)						

[202](#) 1 of 1 S 0.72 / 3,790.76 824.33 / -2 615, 633, and 637 S. Main St. MI 48341 BEA

Facility ID (Web):	81000607	Facility ID (Map):	
Bea No (Web):	201601535JK	Bea No (Map):	
Fac Name (Web):		Fac Name (Map):	
Address (Web):	615, 633, and 637 S. Main St.	Address (Map):	
City (Web):		City (Map):	
Zip (Web):	48341	Zip (Map):	
County (Web):	Washtenaw	County (Map):	
Township (Web):	Ann Arbor City	Township (Map):	
District (Web):	Jackson	District (Map):	
Latitude (Web):	42.27333	Latitude (Map):	
Longitude (Web):	-83.74918	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)		

[203](#) 1 of 1 S 0.73 / 3,833.57 823.94 / -2 618 S Main St Ann Arbor MI 48104 BEA

Facility ID (Web):	81000588	Facility ID (Map):	
Bea No (Web):	201301263JK	Bea No (Map):	201301263JK
Fac Name (Web):		Fac Name (Map):	
Address (Web):	618 S. Main Street	Address (Map):	618 S Main St
City (Web):		City (Map):	Ann Arbor
Zip (Web):	48104	Zip (Map):	48104
County (Web):	Washtenaw	County (Map):	Washtenaw
Township (Web):	Ann Arbor City	Township (Map):	Ann Arbor City
District (Web):	Jackson	District (Map):	Jackson
Latitude (Web):	42.27332	Latitude (Map):	42.28664916
Longitude (Web):	-83.74969	Longitude (Map):	-83.74805269
Data Source (Web):	BEA	Data Source (Map):	BEA
Accuracy:		Method of Collect:	Geocode
Facility 2:		Object ID:	6349
Source:		ID:	1689
Submitted:			
Source:	DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)		

[204](#) 1 of 1 SSW 0.73 / 3,835.47 825.21 / -1 Armen Cleaners 630 South Ashley Street, Ann Arbor, MI, 48103 MI SHWS

EPA ID:		Source:	
Facility ID (Web):	81000005	EGLE District:	
Site ID (Map):	81000005	House District:	Yousef Rabhi

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Regulatory Program:	201				Senate District: Jeff Irwin	
Lust Name:					Hrzaccms: 15	
Project Manager:	Wilde, Dan				Scale No: 24,000	
Release Status:					MGR X: 685403.67	
Pollutants:					MGR Y: 193981.68	
Fac Name (Web):	Armen Cleaners					
Address (Web):	630 South Ashley Street, Ann Arbor, MI, 48103					
City (Web):	Ann Arbor					
Township (Web):						
County (Web):	Washtenaw					
Latitude (Web):	42.27301839					
Longitude (Web):	-83.75036056					
Site Name (Map):	Armen Cleaners					
Address (Map):	630 South Ashley Street					
City (Map):	Ann Arbor					
Zip Code (Map):	48103					
County (Map):	Washtenaw					
Latitude (Map):	42.273018					
Longitude (Map):	-83.7503605					
US Congressional District:	Debbie Dingell					
H Ref Datum:	North American Datum of 1983					
H Ref Moc:	The geographic coordinate determination method based on interpolation-map.					
OS Descrip:	Risks Present and Immediate					
Ref Desc:	Center of a facility or station.					
Risk Condition:	Risks Present and Immediate					
Data Source:	DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)					

205	1 of 4	ENE	0.73 / 3,848.28	773.23 / -53	1200 Broadway MI 48105	BEA
Facility ID (Web):	81000497				Facility ID (Map):	
Bea No (Web):	201801673JK				Bea No (Map):	
Fac Name (Web):					Fac Name (Map):	
Address (Web):	1200 Broadway				Address (Map):	
City (Web):					City (Map):	
Zip (Web):	48105				Zip (Map):	
County (Web):	Washtenaw				County (Map):	
Township (Web):	Ann Arbor City				Township (Map):	
District (Web):	Jackson				District (Map):	
Latitude (Web):	42.29019				Latitude (Map):	
Longitude (Web):	-83.73704				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)					

205	2 of 4	ENE	0.73 / 3,848.28	773.23 / -53	1200 Broadway MI 48105	BEA
Facility ID (Web):	81000497				Facility ID (Map):	
Bea No (Web):	201801682JK				Bea No (Map):	
Fac Name (Web):					Fac Name (Map):	
Address (Web):	1200 Broadway				Address (Map):	
City (Web):					City (Map):	
Zip (Web):	48105				Zip (Map):	
County (Web):	Washtenaw				County (Map):	
Township (Web):	Ann Arbor City				Township (Map):	
District (Web):	Jackson				District (Map):	
Latitude (Web):	42.29019				Latitude (Map):	
Longitude (Web):	-83.73704				Longitude (Map):	
Data Source (Web):	BEA				Data Source (Map):	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Accuracy:					Method of Collect:	
Facility 2:					Object ID:	
Source:					ID:	
Submitted:		DEQ Inventory of Facilities (Web)				
Source:		DEQ Inventory of Facilities (Web)				
205	3 of 4	ENE	0.73 / 3,848.28	773.23 / -53	1200 Broadway MI 48105	BEA
Facility ID (Web):		81000497			Facility ID (Map):	
Bea No (Web):		201801672JK			Bea No (Map):	
Fac Name (Web):					Fac Name (Map):	
Address (Web):		1200 Broadway			Address (Map):	
City (Web):					City (Map):	
Zip (Web):		48105			Zip (Map):	
County (Web):		Washtenaw			County (Map):	
Township (Web):		Ann Arbor City			Township (Map):	
District (Web):		Jackson			District (Map):	
Latitude (Web):		42.29019			Latitude (Map):	
Longitude (Web):		-83.73704			Longitude (Map):	
Data Source (Web):		BEA			Data Source (Map):	
Accuracy:					Method of Collect:	
Facility 2:					Object ID:	
Source:					ID:	
Submitted:		DEQ Inventory of Facilities (Web)				
Source:		DEQ Inventory of Facilities (Web)				
205	4 of 4	ENE	0.73 / 3,848.28	773.23 / -53	1200 Broadway MI 48105	BEA
Facility ID (Web):		81000497			Facility ID (Map):	
Bea No (Web):		201801683JK			Bea No (Map):	
Fac Name (Web):					Fac Name (Map):	
Address (Web):		1200 Broadway			Address (Map):	
City (Web):					City (Map):	
Zip (Web):		48105			Zip (Map):	
County (Web):		Washtenaw			County (Map):	
Township (Web):		Ann Arbor City			Township (Map):	
District (Web):		Jackson			District (Map):	
Latitude (Web):		42.29019			Latitude (Map):	
Longitude (Web):		-83.73704			Longitude (Map):	
Data Source (Web):		BEA			Data Source (Map):	
Accuracy:					Method of Collect:	
Facility 2:					Object ID:	
Source:					ID:	
Submitted:		DEQ Inventory of Facilities (Web)				
Source:		DEQ Inventory of Facilities (Web)				
206	1 of 1	ENE	0.73 / 3,853.23	765.48 / -61	Island Drive Apartments 1099 Maiden Lane, Ann Arbor, MI, 48105 MI	SHWS
EPA ID:					Source:	
Facility ID (Web):		81000917			EGLE District:	
Site ID (Map):		81000917			House District: Yousef Rabhi	
Regulatory Program:		201			Senate District: Jeff Irwin	
Lust Name:					Hzaccms:	
Project Manager:		Lesser, Ashley			Scale No:	
Release Status:					MGR X:	
Pollutants:					MGR Y:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Fac Name (Web): Island Drive Apartments Address (Web): 1099 Maiden Lane, Ann Arbor, MI, 48105 City (Web): Ann Arbor Township (Web): County (Web): Washtenaw Latitude (Web): 42.28942306 Longitude (Web): -83.73261 Site Name (Map): Island Drive Apartments Address (Map): 1099 Maiden Lane City (Map): Ann Arbor Zip Code (Map): 48105 County (Map): Washtenaw Latitude (Map): 42.289423 Longitude (Map): -83.73261 US Congressional District: Debbie Dingell H Ref Datum: H Ref Moc: OS Descrip: Risks Present and Immediate Ref Desc: Risk Condition: Risks Present and Immediate Data Source: DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)						

207	1 of 1	S	0.74 / 3,918.71	825.23 / -1	127 Adams Ave 127 Adams Ave, MI, 48933 MI	SHWS
EPA ID: Facility ID (Web): 81000688 Site ID (Map): 81000688 Regulatory Program: 201 Lust Name: Project Manager: Wilde, Dan Release Status: Pollutants: Fac Name (Web): 127 Adams Ave Address (Web): 127 Adams Ave, MI, 48933 City (Web): Township (Web): County (Web): Washtenaw Latitude (Web): 42.27257064 Longitude (Web): -83.74783593 Site Name (Map): 127 Adams Ave Address (Map): 127 Adams Ave City (Map): Zip Code (Map): 48933 County (Map): Washtenaw Latitude (Map): 42.272571 Longitude (Map): -83.7478359 US Congressional District: Fred Upton H Ref Datum: H Ref Moc: OS Descrip: Risks Not Determined Ref Desc: Risk Condition: Risks Not Determined Data Source: DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)						
Source: EGLE District: House District: Robert Bezotte Senate District: Jim Runestad Hzaccms: Scale No: MGR X: MGR Y:						

208	1 of 1	S	0.74 / 3,927.22	825.23 / -1	127 Adams Ave MI	BEA
Facility ID (Web): Bea No (Web): 200600752JK Fac Name (Web): Address (Web): 127 Adams Ave City (Web):						
Facility ID (Map): Bea No (Map): Fac Name (Map): Address (Map): City (Map):						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<i>Zip (Web):</i>					<i>Zip (Map):</i>	
<i>County (Web):</i>	Washtenaw				<i>County (Map):</i>	
<i>Township (Web):</i>	Ann Arbor City				<i>Township (Map):</i>	
<i>District (Web):</i>	Jackson				<i>District (Map):</i>	
<i>Latitude (Web):</i>					<i>Latitude (Map):</i>	
<i>Longitude (Web):</i>					<i>Longitude (Map):</i>	
<i>Data Source (Web):</i>	BEA				<i>Data Source (Map):</i>	
<i>Accuracy:</i>					<i>Method of Collect:</i>	
<i>Facility 2:</i>					<i>Object ID:</i>	
<i>Source:</i>					<i>ID:</i>	
<i>Submitted:</i>						
<i>Source:</i>	DEQ Inventory of Facilities (Web)					

[209](#) 1 of 1 SE 0.80 / 4,241.68 874.04 / 48 1209-1213 South University Ave. MI 48104 BEA

<i>Facility ID (Web):</i>	81000615	<i>Facility ID (Map):</i>	
<i>Bea No (Web):</i>	201601536JK	<i>Bea No (Map):</i>	
<i>Fac Name (Web):</i>		<i>Fac Name (Map):</i>	
<i>Address (Web):</i>	1209-1213 South University Ave.	<i>Address (Map):</i>	
<i>City (Web):</i>		<i>City (Map):</i>	
<i>Zip (Web):</i>	48104	<i>Zip (Map):</i>	
<i>County (Web):</i>	Washtenaw	<i>County (Map):</i>	
<i>Township (Web):</i>	Ann Arbor City	<i>Township (Map):</i>	
<i>District (Web):</i>	Jackson	<i>District (Map):</i>	
<i>Latitude (Web):</i>	42.27518	<i>Latitude (Map):</i>	
<i>Longitude (Web):</i>	-83.73607	<i>Longitude (Map):</i>	
<i>Data Source (Web):</i>	BEA	<i>Data Source (Map):</i>	
<i>Accuracy:</i>		<i>Method of Collect:</i>	
<i>Facility 2:</i>		<i>Object ID:</i>	
<i>Source:</i>		<i>ID:</i>	
<i>Submitted:</i>			
<i>Source:</i>	DEQ Inventory of Facilities (Web)		

[210](#) 1 of 2 N 0.81 / 4,278.77 789.42 / -37 Lotus Engineering 1254 North Main Street, Ann Arbor, MI, 48104 MI SHWS

<i>EPA ID:</i>		<i>Source:</i>	
<i>Facility ID (Web):</i>	81000547	<i>EGLE District:</i>	
<i>Site ID (Map):</i>	81000547	<i>House District:</i>	Felicia Brabec
<i>Regulatory Program:</i>	201	<i>Senate District:</i>	Jeff Irwin
<i>Lust Name:</i>		<i>Hzaccms:</i>	
<i>Project Manager:</i>	Wilde, Dan	<i>Scale No:</i>	
<i>Release Status:</i>		<i>MGR X:</i>	
<i>Pollutants:</i>		<i>MGR Y:</i>	
<i>Fac Name (Web):</i>	Lotus Engineering		
<i>Address (Web):</i>	1254 North Main Street, Ann Arbor, MI, 48104		
<i>City (Web):</i>	Ann Arbor		
<i>Township (Web):</i>			
<i>County (Web):</i>	Washtenaw		
<i>Latitude (Web):</i>	42.29542243		
<i>Longitude (Web):</i>	-83.74634958		
<i>Site Name (Map):</i>	Lotus Engineering		
<i>Address (Map):</i>	1254 North Main Street		
<i>City (Map):</i>	Ann Arbor		
<i>Zip Code (Map):</i>	48104		
<i>County (Map):</i>	Washtenaw		
<i>Latitude (Map):</i>	42.295422		
<i>Longitude (Map):</i>	-83.7463495		
<i>US Congressional District:</i>	Debbie Dingell		
<i>H Ref Datum:</i>	North American Datum of 1983		
<i>H Ref Moc:</i>	The geographic coordinate determination method based on address matching-house number.		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
OS Descr:		Risks Present and Require Action in Short-term				
Ref Desc:						
Risk Condition:		Risks Present and Require Action in Short-term				
Data Source:		DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)				
210	2 of 2	N	0.81 / 4,278.77	789.42 / -37	1254 N. Main/ Lotus Engineering 1254 North Main Street Ann Arbor MI 48197	BEA
Facility ID (Web):		Facility ID (Map):		81000547		
Bea No (Web):		Bea No (Map):		B201801660JK		
Fac Name (Web):		Fac Name (Map):		1254 N. Main/ Lotus Engineering		
Address (Web):		Address (Map):		1254 North Main Street		
City (Web):		City (Map):		Ann Arbor		
Zip (Web):		Zip (Map):		48197		
County (Web):		County (Map):		Washtenaw		
Township (Web):		Township (Map):		Ann Arbor City		
District (Web):		District (Map):		Jackson		
Latitude (Web):		Latitude (Map):		42.296421		
Longitude (Web):		Longitude (Map):		-83.746829		
Data Source (Web):		Data Source (Map):				
Accuracy:		Method of Collect:				
Facility 2:		Object ID:		20912		
Source:		ID:				
Submitted:		DEQ Baseline Environmental Assessment Sites (Map)				
Source:						
211	1 of 1	N	0.84 / 4,442.10	793.37 / -33	1254 N. Main Street MI 48104	BEA
Facility ID (Web):		81000547		Facility ID (Map):		
Bea No (Web):		201801660JK		Bea No (Map):		
Fac Name (Web):				Fac Name (Map):		
Address (Web):		1254 N. Main Street		Address (Map):		
City (Web):				City (Map):		
Zip (Web):		48104		Zip (Map):		
County (Web):		Washtenaw		County (Map):		
Township (Web):		Ann Arbor City		Township (Map):		
District (Web):		Jackson		District (Map):		
Latitude (Web):		42.29642		Latitude (Map):		
Longitude (Web):		-83.74683		Longitude (Map):		
Data Source (Web):		BEA		Data Source (Map):		
Accuracy:				Method of Collect:		
Facility 2:				Object ID:		
Source:				ID:		
Submitted:		DEQ Inventory of Facilities (Web)				
Source:						
212	1 of 1	SE	0.87 / 4,578.99	868.54 / 43	615/617 East University Ave. & 612 & 616 Church St. 615/617 East University Ave. & 612 & 61, 6 Church St., MI, 48104 MI	SHWS
EPA ID:				Source:		
Facility ID (Web):		81000814		EGLE District:		
Site ID (Map):				House District:		
Regulatory Program:		201		Senate District:		
Lust Name:				Hzaccms:		
Project Manager:		Wilde, Dan		Scale No:		
Release Status:				MGR X:		
Pollutants:				MGR Y:		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Fac Name (Web): 615/617 East University Ave. & 612 & 616 Church St. Address (Web): 615/617 East University Ave. & 612 & 61, 6 Church St., MI, 48104 City (Web): Township (Web): Ann Arbor City County (Web): Washtenaw Latitude (Web): NaN Longitude (Web): NaN Site Name (Map): Address (Map): City (Map): Zip Code (Map): County (Map): Latitude (Map): Longitude (Map): US Congressional District: H Ref Datum: H Ref Moc: OS Descrip: Ref Desc: Risk Condition: Risks Not Determined Data Source: DEQ Inventory of Facilities (Web)						

213	1 of 2	SE	0.87 / 4,607.68	872.05 / 46	615/617 East University Ave. & 612 & 616 Church St. MI 48104	BEA
Facility ID (Web): Bea No (Web): 201601547JK Fac Name (Web): Address (Web): 615/617 East University Ave. & 612 & 616 Church St. City (Web): Zip (Web): 48104 County (Web): Washtenaw Township (Web): Ann Arbor City District (Web): Jackson Latitude (Web): Longitude (Web): Data Source (Web): BEA Accuracy: Facility 2: Source: Submitted: Source: DEQ Inventory of Facilities (Web)						
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:						

213	2 of 2	SE	0.87 / 4,607.68	872.05 / 46	615/617 East University Ave. & 612 & 616 Church St. 615/617 East University Ave. & 612 & 61 Ann Arbor MI 48104	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):						
Facility ID (Map): 81000814 Bea No (Map): B201601547JK Fac Name (Map): 615/617 East University Ave. & 612 & 616 Church St. Address (Map): 615/617 East University Ave. & 612 & 61 City (Map): Ann Arbor Zip (Map): 48104 County (Map): Washtenaw Township (Map): NULL District (Map): Jackson Latitude (Map): 42.2745 Longitude (Map): -83.7352 Data Source (Map):						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Accuracy:				Method of Collect:		
Facility 2:				Object ID: 25136		
Source:				ID:		
Submitted:						
Source:				DEQ Baseline Environmental Assessment Sites (Map)		

214	1 of 1	N	0.88 / 4,644.13	796.92 / -29	1254 North Main Street MI	BEA
Facility ID (Web):		81000547		Facility ID (Map):		
Bea No (Web):		200000238JK		Bea No (Map):		
Fac Name (Web):				Fac Name (Map):		
Address (Web):		1254 North Main Street		Address (Map):		
City (Web):				City (Map):		
Zip (Web):				Zip (Map):		
County (Web):		Washtenaw		County (Map):		
Township (Web):		Ann Arbor Township		Township (Map):		
District (Web):		Jackson		District (Map):		
Latitude (Web):		42.29642		Latitude (Map):		
Longitude (Web):		-83.74683		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)				

215	1 of 1	ESE	0.88 / 4,657.50	876.36 / 50	1220 South University Avenue MI	BEA
Facility ID (Web):				Facility ID (Map):		
Bea No (Web):		199700113JK		Bea No (Map): 199700113JK		
Fac Name (Web):				Fac Name (Map):		
Address (Web):		1220 South University Avenue		Address (Map): 1220 South University Avenue		
City (Web):				City (Map):		
Zip (Web):				Zip (Map):		
County (Web):		Washtenaw		County (Map): Washtenaw		
Township (Web):		Ann Arbor Township		Township (Map): Ann Arbor Township		
District (Web):		Jackson		District (Map): Jackson		
Latitude (Web):				Latitude (Map): 42.27496752		
Longitude (Web):				Longitude (Map): -83.73424823		
Data Source (Web):		BEA		Data Source (Map): BEA		
Accuracy:				Method of Collect: Geocode		
Facility 2:				Object ID: 6193		
Source:				ID: 153		
Submitted:						
Source:		DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)				

216	1 of 2	ESE	0.88 / 4,662.68	880.14 / 54	1213 South University Avenue 1213 South University Avenue, Ann Arbor, MI, 48104 MI	SHWS
EPA ID:				Source:		
Facility ID (Web):		81000615		EGLE District:		
Site ID (Map):		81000615		House District:		
Regulatory Program:		201		Senate District:		
Lust Name:				Hzaccms: 10		
Project Manager:		Miller, Mary		Scale No:		
Release Status:				MGR X:		
Pollutants:				MGR Y:		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Fac Name (Web): 1213 South University Avenue Address (Web): 1213 South University Avenue, Ann Arbor, MI, 48104 City (Web): Ann Arbor Township (Web): Ann Arbor City County (Web): Washtenaw Latitude (Web): 42.27518 Longitude (Web): -83.7360688 Site Name (Map): 1213 South University Avenue Address (Map): 1213 South University Avenue City (Map): Ann Arbor Zip Code (Map): 48104 County (Map): Washtenaw Latitude (Map): 42.27518 Longitude (Map): -83.7360688 US Congressional District: H Ref Datum: North American Datum of 1983 H Ref Moc: The geographic coordinate determination method based on interpolation-map. OS Descrip: Risks Not Determined Ref Desc: Center of a facility or station. Risk Condition: Risks Not Determined Data Source: DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)						

216	2 of 2	ESE	0.88 / 4,662.68	880.14 / 54	1213 South University Avenue 1213 South University Avenue Ann Arbor MI 48104	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): 81000615 Bea No (Map): B201601536JK Fac Name (Map): 1213 South University Avenue Address (Map): 1213 South University Avenue City (Map): Ann Arbor Zip (Map): 48104 County (Map): Washtenaw Township (Map): Ann Arbor City District (Map): Jackson Latitude (Map): 42.27518 Longitude (Map): -83.7360688 Data Source (Map): Method of Collect: Object ID: 20825 ID:						
DEQ Baseline Environmental Assessment Sites (Map)						

217	1 of 2	ESE	0.89 / 4,694.68	880.10 / 54	1215 South University Avenue Ann Arbor MI 48104	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): B201701479JK Fac Name (Map): Address (Map): 1215 South University Avenue City (Map): Ann Arbor Zip (Map): 48104 County (Map): Washtenaw Township (Map): District (Map): Jackson Latitude (Map): 42.275285 Longitude (Map): -83.733791 Data Source (Map): Method of Collect: Object ID: 18933 ID: 0						
DEQ Baseline Environmental Assessment Sites (Map)						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
217	2 of 2	ESE	0.89 / 4,694.68	880.10 / 54	1215 South Universtity Avenue 1215 South Universtity Avenue Ann Arbor MI 48104	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:		81000685 B201601479JK 1215 South Universtity Avenue 1215 South Universtity Avenue Ann Arbor 48104 Washtenaw Ann Arbor City Jackson 42.275285 -83.733791 24129 		
DEQ Baseline Environmental Assessment Sites (Map)						
218	1 of 2	NE	0.89 / 4,719.42	793.82 / -32	1327 Jones Dr MI	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:		199600022JK 1327 Jones Dr Washtenaw Ann Arbor Township Jackson BEA		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:		
				199600022JK 1327 Jones Dr Washtenaw Ann Arbor Township Jackson 42.29394791 -83.73192094 BEA Geocode 6185 30		
DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)						
218	2 of 2	NE	0.89 / 4,719.42	793.82 / -32	1327 Jones Dr 1327 Jones Dr, MI, 48105 MI	SHWS
EPA ID: Facility ID (Web): Site ID (Map): Regulatory Program: Lust Name: Project Manager: Release Status: Pollutants: Fac Name (Web): Address (Web): City (Web): Township (Web): County (Web): Latitude (Web):		81000691 81000691 201 Wilde, Dan 1327 Jones Dr 1327 Jones Dr, MI, 48105 Washtenaw 42.2939		Source: EGLE District: House District: Senate District: Hzaccms: Scale No: MGR X: MGR Y:		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Longitude (Web): -83.7319 Site Name (Map): 1327 Jones Dr Address (Map): 1327 Jones Dr City (Map): Zip Code (Map): 48105 County (Map): Washtenaw Latitude (Map): 42.2939 Longitude (Map): -83.7319 US Congressional District: H Ref Datum: H Ref Moc: OS Descrip: Risks Not Determined Ref Desc: Risk Condition: Risks Not Determined Data Source: DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)						

219	1 of 1	ESE	0.90 / 4,737.37	879.11 / 53	1215 South University Avenue 1215 South University Avenue, Ann Arbor , MI, 48104 MI	SHWS
EPA ID: Facility ID (Web): 81000685 Site ID (Map): 81000685 Regulatory Program: 201 Lust Name: Project Manager: Wilde, Dan Release Status: Pollutants: Fac Name (Web): 1215 South University Avenue Address (Web): 1215 South University Avenue, Ann Arbor , MI, 48104 City (Web): Ann Arbor Township (Web): County (Web): Washtenaw Latitude (Web): 42.27521014 Longitude (Web): -83.73389323 Site Name (Map): 1215 South University Avenue Address (Map): 1215 South University Avenue City (Map): Ann Arbor Zip Code (Map): 48104 County (Map): Washtenaw Latitude (Map): 42.27521 Longitude (Map): -83.7338932 US Congressional District: Debbie Dingell H Ref Datum: H Ref Moc: OS Descrip: Risks Not Determined Ref Desc: Risk Condition: Risks Not Determined Data Source: DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)						
Source: EGLE District: House District: Yousef Rabhi Senate District: Jeff Irwin Hzaccms: Scale No: MGR X: MGR Y:						

220	1 of 1	WSW	0.91 / 4,817.60	853.49 / 27	ANN ARBOR, MONTGOMERY PUMPING STATION 432 MONTGOMERY ANN ARBOR MI 48103	DELISTED CONTAM
Site ID: 81000314 Sid Facility ID: Status Date: 8/20/1992 Os Description: Delisted - no longer meets criteria specified in rules Lead Division: RRD - Part 213 District: Jackson County: WASHTENAW						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
221	1 of 1	E	0.91 / 4,826.33	808.64 / -17	Univ of Mich Hospital Fuller Rd Fuller Rd., Ann Arbor, MI, 48103 MI	SHWS

EPA ID:
Facility ID (Web): 81000041
Site ID (Map): 81000041
Regulatory Program: 201
Lust Name:
Project Manager: Wilde, Dan
Release Status:
Pollutants:
Fac Name (Web): Univ of Mich Hospital Fuller Rd
Address (Web): Fuller Rd., Ann Arbor, MI, 48103
City (Web): Ann Arbor
Township (Web): temptownship
County (Web): Washtenaw
Latitude (Web): 42.284767
Longitude (Web): -83.729486
Site Name (Map): Univ of Mich Hospital Fuller Rd
Address (Map): Fuller Rd.
City (Map): Ann Arbor
Zip Code (Map): 48103
County (Map): Washtenaw
Latitude (Map): 42.284767
Longitude (Map): -83.729486
US Congressional District: Debbie Dingell
H Ref Datum: North American Datum of 1983
H Ref Moc: The geographic coordinate determination method based on interpolation-map.
OS Descrip: Risks Present and Require Action in Short-term
Ref Desc: Center of a facility or station.
Risk Condition: Risks Present and Require Action in Short-term
Data Source: DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)

Source:
EGLE District:
House District: Yousef Rabhi
Senate District: Jeff Irwin
Hzaccms: 15
Scale No: 24,000
MGR X: 687053.37
MGR Y: 195348.68

222	1 of 1	ESE	0.93 / 4,890.53	878.07 / 52	1220 S University MI	BEA
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Facility ID (Web):
Bea No (Web): 200800929JK
Fac Name (Web):
Address (Web): 1220 S University
City (Web):
Zip (Web):
County (Web): Washtenaw
Township (Web): Ann Arbor City
District (Web): Jackson
Latitude (Web):
Longitude (Web):
Data Source (Web): BEA
Accuracy:
Facility 2:
Source:
Submitted:
Source: DEQ Inventory of Facilities (Web)

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:

223	1 of 2	ESE	0.93 / 4,906.49	879.99 / 54	601 S Forest Ave Ann Arbor MI 48104	BEA
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Facility ID (Web): 81000578
Bea No (Web): 201101089JK
Fac Name (Web):
Address (Web): 601 S. Forest Avenue
City (Web):

Facility ID (Map):
Bea No (Map): 201101089JK
Fac Name (Map):
Address (Map): 601 S Forest Ave
City (Map): Ann Arbor

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<i>Zip (Web):</i>	48109				<i>Zip (Map):</i> 48104	
<i>County (Web):</i>	Washtenaw				<i>County (Map):</i> Washtenaw	
<i>Township (Web):</i>	Ann Arbor City				<i>Township (Map):</i> Ann Arbor City	
<i>District (Web):</i>	Jackson				<i>District (Map):</i> Jackson	
<i>Latitude (Web):</i>	42.27480				<i>Latitude (Map):</i> 42.2750084	
<i>Longitude (Web):</i>	-83.73308				<i>Longitude (Map):</i> -83.73303273	
<i>Data Source (Web):</i>	BEA				<i>Data Source (Map):</i> BEA	
<i>Accuracy:</i>					<i>Method of Collect:</i> Geocode	
<i>Facility 2:</i>					<i>Object ID:</i> 6329	
<i>Source:</i>					<i>ID:</i> 1461	
<i>Submitted:</i>						
<i>Source:</i>	DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)					

[223](#) 2 of 2 **ESE** **0.93 / 4,906.49** **879.99 / 54** **601 S. Forest**
601 S. Forest, Ann Arbor, MI, 48104 **SHWS**
MI

EPA ID:

Facility ID (Web): 81000578 *Source:*

Site ID (Map): 81000578 *EGLE District:*

Regulatory Program: 201 *House District:*

Lust Name: *Senate District:*

Project Manager: Wilde, Dan *Hzaccms:* 10

Release Status: *Scale No:*

Pollutants: *MGR X:*

Fac Name (Web): 601 S. Forest *MGR Y:*

Address (Web): 601 S. Forest, Ann Arbor, MI, 48104

City (Web): Ann Arbor

Township (Web): Ann Arbor City

County (Web): Washtenaw

Latitude (Web): 42.274804

Longitude (Web): -83.7330773

Site Name (Map): 601 S. Forest

Address (Map): 601 S. Forest

City (Map): Ann Arbor

Zip Code (Map): 48104

County (Map): Washtenaw

Latitude (Map): 42.274804

Longitude (Map): -83.7330773

US Congressional District:

H Ref Datum: North American Datum of 1983

H Ref Moc: The geographic coordinate determination method based on interpolation-map.

OS Descrip: Risks Present and Require Action in Short-term

Ref Desc: Center of a facility or station.

Risk Condition: Risks Present and Require Action in Short-term

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

[224](#) 1 of 5 **S** **0.93 / 4,929.15** **827.08 / 1** **327 E Hoover**
MI **BEA**

Facility ID (Web):

Bea No (Web): 200700816JK *Facility ID (Map):*

Fac Name (Web): *Bea No (Map):* 200700816JK

Address (Web): 327 E Hoover *Fac Name (Map):*

City (Web): *Address (Map):* 327 E Hoover

Zip (Web): *City (Map):*

County (Web): Washtenaw *Zip (Map):*

Township (Web): Ann Arbor City *County (Map):* Washtenaw

District (Web): Jackson *Township (Map):* Ann Arbor City

Latitude (Web): *District (Map):* Jackson

Longitude (Web): *Latitude (Map):* 42.26960796

Data Source (Web): BEA *Longitude (Map):* -83.7459612

Accuracy: *Data Source (Map):* BEA

Method of Collect: Geocode

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Facility 2:				Object ID:	6289	
Source:				ID:	1093	
Submitted:				DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)		
Source:				DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)		

224	2 of 5	S	0.93 / 4,929.15	827.08 / 1	327 E Hoover MI	BEA
Facility ID (Web):				Facility ID (Map):		
Bea No (Web): 200700817JK				Bea No (Map): 200700817JK		
Fac Name (Web):				Fac Name (Map):		
Address (Web): 327 E Hoover				Address (Map): 327 E Hoover		
City (Web):				City (Map):		
Zip (Web):				Zip (Map):		
County (Web): Washtenaw				County (Map): Washtenaw		
Township (Web): Ann Arbor City				Township (Map): Ann Arbor City		
District (Web): Jackson				District (Map): Jackson		
Latitude (Web):				Latitude (Map): 42.26960796		
Longitude (Web):				Longitude (Map): -83.7459612		
Data Source (Web): BEA				Data Source (Map): BEA		
Accuracy:				Method of Collect: Geocode		
Facility 2:				Object ID: 6290		
Source:				ID: 1095		
Submitted:				DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)		
Source:				DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)		

224	3 of 5	S	0.93 / 4,929.15	827.08 / 1	327 E Hoover MI	BEA
Facility ID (Web):				Facility ID (Map):		
Bea No (Web): 200700818JK				Bea No (Map): 200700818JK		
Fac Name (Web):				Fac Name (Map):		
Address (Web): 327 E Hoover				Address (Map): 327 E Hoover		
City (Web):				City (Map):		
Zip (Web):				Zip (Map):		
County (Web): Washtenaw				County (Map): Washtenaw		
Township (Web): Ann Arbor City				Township (Map): Ann Arbor City		
District (Web): Jackson				District (Map): Jackson		
Latitude (Web):				Latitude (Map): 42.26960796		
Longitude (Web):				Longitude (Map): -83.7459612		
Data Source (Web): BEA				Data Source (Map): BEA		
Accuracy:				Method of Collect: Geocode		
Facility 2:				Object ID: 6292		
Source:				ID: 1097		
Submitted:				DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)		
Source:				DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)		

224	4 of 5	S	0.93 / 4,929.15	827.08 / 1	327 E Hoover MI	BEA
Facility ID (Web):				Facility ID (Map):		
Bea No (Web): 200700820JK				Bea No (Map): 200700820JK		
Fac Name (Web):				Fac Name (Map):		
Address (Web): 327 E Hoover				Address (Map): 327 E Hoover		
City (Web):				City (Map):		
Zip (Web):				Zip (Map):		
County (Web): Washtenaw				County (Map): Washtenaw		
Township (Web): Ann Arbor City				Township (Map): Ann Arbor City		
District (Web): Jackson				District (Map): Jackson		
Latitude (Web):				Latitude (Map): 42.26960796		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Longitude (Web): Data Source (Web): BEA Accuracy: Facility 2: Source: Submitted: Source:					Longitude (Map): -83.7459612 Data Source (Map): BEA Method of Collect: Geocode Object ID: 6293 ID: 1101	
DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)						

224	5 of 5	S	0.93 / 4,929.15	827.08 / 1	327 E Hoover MI	BEA
Facility ID (Web): Bea No (Web): 200700819JK Fac Name (Web): Address (Web): 327 E Hoover City (Web): Zip (Web): County (Web): Washtenaw Township (Web): Ann Arbor City District (Web): Jackson Latitude (Web): Longitude (Web): Data Source (Web): BEA Accuracy: Facility 2: Source: Submitted: Source:					Facility ID (Map): Bea No (Map): 200700819JK Fac Name (Map): Address (Map): 327 E Hoover City (Map): Zip (Map): County (Map): Washtenaw Township (Map): Ann Arbor City District (Map): Jackson Latitude (Map): 42.26960796 Longitude (Map): -83.7459612 Data Source (Map): BEA Method of Collect: Geocode Object ID: 6291 ID: 1099	
DEQ Inventory of Facilities (Web); DEQ Baseline Environmental Assessment Sites (Map)						

225	1 of 1	S	0.95 / 5,015.06	828.16 / 2	327 E Hoover 327 E Hoover, MI, 48104 MI	SHWS
EPA ID: Facility ID (Web): 81000766 Site ID (Map): 81000766 Regulatory Program: 201 Lust Name: Project Manager: Wilde, Dan Release Status: Pollutants: Fac Name (Web): 327 E Hoover Address (Web): 327 E Hoover, MI, 48104 City (Web): Township (Web): Ann Arbor City County (Web): Washtenaw Latitude (Web): 42.2696 Longitude (Web): -83.746 Site Name (Map): 327 E Hoover Address (Map): 327 E Hoover City (Map): Zip Code (Map): 48104 County (Map): Washtenaw Latitude (Map): 42.2696 Longitude (Map): -83.746 US Congressional District: H Ref Datum: H Ref Moc: OS Descrip: Risks Not Determined Ref Desc: Risk Condition: Risks Not Determined Data Source:					Source: EGLE District: House District: Senate District: Hzaccms: Scale No: MGR X: MGR Y:	
DEQ Inventory of Facilities (Web); DEQ Sites of Environmental Contamination, Part 201 (Map)						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
226	1 of 1	W	0.97 / 5,105.56	876.03 / 50	1500 Jackson Road, Ann Arbor 1500 Jackson Road, Ann Arbor, MI, 48103 MI	SHWS

EPA ID:

Facility ID (Web): 81000934

Site ID (Map): 81000934

Regulatory Program: 201

Lust Name:

Project Manager: Wilde, Dan

Release Status:

Pollutants:

Fac Name (Web): 1500 Jackson Road, Ann Arbor

Address (Web): 1500 Jackson Road, Ann Arbor, MI, 48103

City (Web): Ann Arbor

Township (Web): Scio

County (Web): Washtenaw

Latitude (Web): 42.29394244

Longitude (Web): -83.87530836

Site Name (Map): 1500 Jackson Road, Ann Arbor

Address (Map): 1500 Jackson Road

City (Map): Ann Arbor

Zip Code (Map): 48103

County (Map): Washtenaw

Latitude (Map): 42.293942

Longitude (Map): -83.8753083

US Congressional District: Tim Walberg

H Ref Datum:

H Ref Moc:

OS Descrip: Risks Not Determined

Ref Desc:

Risk Condition: Risks Not Determined

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

Source:

EGLE District:

House District: Donna Lasinski

Senate District: Lana Theis

Hzaccms:

Scale No:

MGR X:

MGR Y:

Unplottable Summary

Total: 4 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
BEA		W. Kingsley Street	MI	48103	861295827
SHWS	W. Kingsley Street	W. Kingsley Street, MI, 48103	MI		891618838
SPILLS		Corner of Catherine Street, Amoco Station	Ann Arbor MI		818902833
SPILLS		NORTH MAIN	Ann Arbor City MI		891293458

Incident No | Rel Incident Contr: 24894 |

Unplottable Report

Site: *W. Kingsley Street MI 48103* BEA

Facility ID (Web):		Facility ID (Map):	
Bea No (Web):	201701569JK	Bea No (Map):	
Fac Name (Web):		Fac Name (Map):	
Address (Web):	W. Kingsley Street	Address (Map):	
City (Web):		City (Map):	
Zip (Web):	48103	Zip (Map):	
County (Web):	Washtenaw	County (Map):	
Township (Web):	Ann Arbor City	Township (Map):	
District (Web):	Jackson	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)		

Site: *W. Kingsley Street* SHWS
W. Kingsley Street, MI, 48103 MI

EPA ID:		Source:	
Facility ID (Web):	81000873	EGLE District:	
Site ID (Map):		House District:	
Regulatory Program:	201	Senate District:	
Lust Name:		Hzaccms:	
Project Manager:	Wilde, Dan	Scale No:	
Release Status:		MGR X:	
Pollutants:		MGR Y:	
Fac Name (Web):	W. Kingsley Street		
Address (Web):	W. Kingsley Street, MI, 48103		
City (Web):			
Township (Web):	Ann Arbor City		
County (Web):	Washtenaw		
Latitude (Web):	NaN		
Longitude (Web):	NaN		
Site Name (Map):			
Address (Map):			
City (Map):			
Zip Code (Map):			
County (Map):			
Latitude (Map):			
Longitude (Map):			
US Congressional District:			
H Ref Datum:			
H Ref Moc:			
OS Descrip:			
Ref Desc:			
Risk Condition:	Risks Not Determined		
Data Source:	DEQ Inventory of Facilities (Web)		

Site: *Corner of Catherine Street, Amoco Station Ann Arbor MI* SPILLS

Incident No: **GF Comp Date:**

Incident No Related:
Complainant Type:
Observed Date:
Observed Time:
Occurred Date: 5/24/2003
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: Large Amount 50+gallons Gasoline
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):

Weather or Wind:
Wind Direction:
Rain Condition:
Old Wind Direction:
Name of Water Body: No; on roadway
Last Updated Date:
Operator In:
District: Jackson
Office/After Hours:
Ambs Intake Agent:
Observed Time Keep:
Tm Stamp Hr Orig:
Int Time Format:
Time Corr Format:
Date Stamp: 5/24/2003
Time Stamp: 11:07:00 AM
PEAS Dispatcher: PS - PEAS
Special Referral:
Date and Time Stamp:
Optrinit:
Optrno:
Smu3init:
Pecctime:
Peccdate:
District Backup:
Incident Township:
Incident County: Washtenaw
Latitude:
Longitude:

Site:

NORTH MAIN Ann Arbor City MI

SPILLS

Incident No: 24894
Incident No Related:
Complainant Type:
Observed Date:
Observed Time:
Occurred Date: 9/4/2020
Occurred Time: 4:30:00 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:
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: GASOLINE
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):

GF Comp Date:
Weather or Wind:
Wind Direction:
Rain Condition:
Old Wind Direction:
Name of Water Body: HURON RIVER
Last Updated Date:
Operator In:
District: Jackson
Office/After Hours: After Hrs.
Ambs Intake Agent:
Observed Time Keep:
Tm Stamp Hr Orig:
Int Time Format:
Time Corr Format:
Date Stamp: 9/8/2020
Time Stamp: 4:55:00 PM
PEAS Dispatcher: Allegheny
Special Referral:
Date and Time Stamp:
Optrinit:
Optrno:
Smu3init:
Pecctime:
Pecccdate:
District Backup:
Incident Township:
Incident County: Washtenaw
Latitude:
Longitude:

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: May 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: May 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: May 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: Jul 26, 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: Jul 26, 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: Jul 10, 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: Jul 10, 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: Jul 10, 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: Jul 10, 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: Jul 10, 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: Jul 10, 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: Jul 10, 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 1982-2021 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: Aug 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 1982-2021 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: Aug 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: May 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: Apr 3, 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

This listing contains facilities that have submitted Facility Response Plans (FRPs) to the U.S. Environmental Protection Agency (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 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. This listing includes FRP facilities from an applicable EPA FOIA file and Homeland Infrastructure Foundation-Level Data (HIFLD) data file.

Government Publication Date: May 2, 2023

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: May 2, 2023

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: Sep 20, 2023

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: Jul 26, 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: May 25, 2023

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: May 2, 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: May 3, 2023

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: Aug 21, 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: May 22, 2023

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: May 22, 2023

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: Jul 31, 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: Jul 12, 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: Jul 31, 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: Apr 3, 2023

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, 2023

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: Sep 25, 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: Apr 14, 2023

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: Apr 14, 2023

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: Apr 26, 2023

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: Apr 26, 2023

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 U.S. Environmental Protection Agency (EPA).

Government Publication Date: Mar 2, 2023

Toxics Release Inventory (TRI) Program:

[TRIS](#)

The U.S. Environmental Protection Agency's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of toxic chemicals from U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. There are currently 770 individually listed chemicals and 33 chemical categories covered by the TRI Program. Facilities that manufacture, process or otherwise use these chemicals in amounts above established levels must submit annual reporting forms for each chemical. Note that the TRI chemical list does not include all toxic chemicals used in the U.S. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

Government Publication Date: Oct 19, 2022

PFOA/PFOS Contaminated Sites:

[PFAS NPL](#)

This list of Superfund Sites with Per- and Polyfluoroalkyl Substances (PFAS) detections is made available by the U.S. Environmental Protection Agency (EPA) in their PFAS Analytic Tools data, previously the list was obtained by EPA FOIA requests. EPA's Office of Land and Emergency Management and EPA Regional Offices maintain what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment. Limitations: Detections of PFAS at National Priorities List (NPL) sites do not mean that people are at risk from PFAS, are exposed to PFAS, or that the site is the source of the PFAS. The information in the Superfund NPL and Superfund Alternative Agreement (SAA) PFAS detection site list is years old and may not be accurate today. Site information such as site name, site ID, and location has been confirmed for accuracy; however, PFAS-related information such as media sampled, drinking water being above the health advisory, or mitigation efforts has not been verified. For Federal Facilities data, the other Federal agencies (OFA) are the lead agency for their data and provided them to EPA.

Government Publication Date: Sep 14, 2023

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. The dates this data was extracted for the PFAS Analytic Tools range from March 2022 to April 2023. Sites on this list do not necessarily reflect the source/s of PFAS 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.

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. Locations for the Known PFAS Contamination Sites are sourced from the PFAS Sites and Community Resources Map, credited to the Northeastern University's PFAS Project Lab, Silent Spring Institute, and the PFAS-REACH team. Disclaimer: The source conveys the data 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. Access the following source link for the most current information: <https://pfasproject.com/pfas-sites-and-community-resources/>

Government Publication Date: Oct 9, 2022

National Response Center PFAS Spills:

[ERNS PFAS](#)

This Per- and Poly-Fluoroalkyl Substances (PFAS) Spills dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. The National Response Center (NRC), operated by the U.S. Coast Guard, is the designated federal point of contact for reporting all oil, chemical, and other discharges into the environment, for the United States and its territories. This dataset contains NRC spill information from 1990 to the present that is restricted to records associated with PFAS and PFAS-containing materials. Incidents are filtered to include only records with a "Material Involved" or "Incident Description" related to Aqueous Film Forming Foam (AFFF). The keywords used to filter the data included "AFFF," "Fire Fighting Foam," "Aqueous Film Forming Foam," "Fire Suppressant Foam," "PFAS," "PERFL," "PFOA," "PFOS," and "Genx." Limitations: The data from the NRC website contains initial incident data that has not been validated or investigated by a federal/state response agency. Keyword searches may misidentify some incident reports that do not contain PFAS. This dataset should also not be considered to be exhaustive of all PFAS spills/release incidents.

Government Publication Date: Jun 17, 2023

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: May 1, 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 polyfluoroalkyl (PFAS) substance included in the U.S. Environmental Protection Agency's (EPA) consolidated PFAS Master List of PFAS Substances. Encompasses Toxics Release Inventory records included in the EPA PFAS Analytic Tools. The EPA's TRI database currently tracks information on disposal or releases of 770 individually listed toxic chemicals and 33 chemical categories from thousands of U.S. facilities and details about how facilities manage those chemicals through recycling, energy recovery, and treatment.

Government Publication Date: Oct 19, 2022

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 U.S. Environmental Protection Agency (EPA) issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. This list is specific only to TSCA Manufacture and Import Facilities with reported per- and poly-fluoroalkyl (PFAS) substances. Data file is sourced from EPA's PFAS Analytic Tools TSCA dataset which includes CDR/Inventory Update Reporting data from 1998 up to 2020. Disclaimer: 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.

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: Jul 26, 2023

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: Aug 23, 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 SCR 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 Integrated Compliance Information System (ICIS) database contains integrated enforcement and compliance information across most of U.S. Environmental Protection Agency's (EPA) programs. The vision for ICIS is to replace EPA's independent databases that contain enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained by the EPA Headquarters and at the Regional offices. A future release of ICIS will completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.

Government Publication Date: Jan 21, 2023

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: Apr 15, 2023

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: Apr 15, 2023

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: Dec 30, 2022

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 States 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: May 1, 2023

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). This inventory contains information on the type and extent of Abandoned Mine Land (AML) impacts, as well as information on the cost associated with the reclamation of those problems. The data 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. Disclaimer: Per the OSMRE, States and tribes who enter their data into eAMLIS (AML Inventory System) may truncate their latitude and longitude so the precise location of usually dangerous AMLs is not revealed in an effort to protect the public from searching for these AMLs, most of which are on private property. If more precise location information is needed, please contact the applicable state/tribe of interest.

Government Publication Date: Jun 13, 2023

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: May 25, 2023

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), and Renewable Diesel (R20 and above) fuel type locations.

Government Publication Date: Aug 30, 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: Apr 19, 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

This national list of active EPA-registered foreign and domestic pesticide and/or device-producing establishments is based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that each producing establishment must place its EPA establishment number on the label or immediate container of each pesticide, active ingredient or device produced. An EPA establishment number on a pesticide product label identifies the EPA registered location where the product was produced. The list of establishments is made available by the U.S. Environmental Protection Agency (EPA).

Government Publication Date: Mar 1, 2023

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: Mar 20, 2023

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.

Government Publication Date: Jun 30, 2021

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: Apr 10, 2023

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: Apr 10, 2023

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: Aug 7, 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 E

User Provided Information



USER QUESTIONNAIRE

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

Street Address: 121 Catherine

City, State, Zip: Ann Arbor, MI 48104

1. ENVIRONMENTAL LIENS

Did a search of recorded land title records (or judicial records where appropriate¹) identify any environmental liens filed or recorded against the property under federal, tribal, state, or local law?

NO

YES

Date of Search: 03/09/2023

2. ACTIVITY AND USE LIMITATIONS (AULs)

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

NO

YES

Date of Search: 03/09/2023

3. SPECIALIZED KNOWLEDGE OR EXPERIENCE

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

NO

YES

If yes, explain. _____

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



> ectinc.com

4. PURCHASE PRICE & FAIR MARKET VALUE

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

NO

YES

If no, explain. The City's commitment to affordable

housing has them providing the property to us for below market value.

LEASE?

5. COMMONLY KNOWN INFORMATION

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

NO

YES

If yes, explain. Past use was a public parking lot.

See Phase II report dated 7/6/2022 by ECT for additional information on environmental findings at the property.

6. DEGREE OF OBVIOUSNESS

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

NO

YES

If yes, explain. See Phase II environmental report

dated 7/6/2022 by ECT that detail current environmental conditions at the property.

Completed By: Jennifer Hall

Title: Manager & Secretary/Treasurer

Signature:

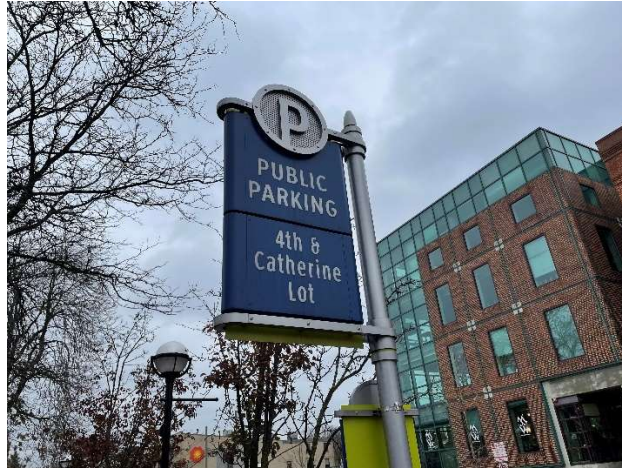
USER ENTITY: Ann Arbor Housing Development Corpo

Date: 10/13/2023 | 7:09 AM PDT

Reason for Phase I: _____

Other Reliance Entities: _____

PHASE I ENVIRONMENTAL SITE ASSESSMENT
PUBLIC PARKING LOT
121 E CATHERINE STREET
ANN ARBOR, WASHTENAW COUNTY, MICHIGAN



ECS PROJECT A108-0014
December 10, 2021

Prepared for:

JENNIFER HALL
EXECUTIVE DIRECTOR
ANN ARBOR HOUSING COMMISSION
2000 S. INDUSTRIAL, ANN ARBOR MI 48104

Submitted by:



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environmental consulting solutions
523 W. Sunnybrook Drive, Royal Oak, Michigan 48073

December 10, 2021

Jennifer Hall
Executive Director
Ann Arbor Housing Commission
2000 S. Industrial, Ann Arbor MI 48104

**Re: Phase I Environmental Site Assessment
Public Parking Lot
121 E Catherine Street
Ann Arbor, Washtenaw county, Michigan
Environmental Consulting Solutions, LLC Project A108-0014**

Dear Ms. Hall:

Environmental Consulting Solutions, LLC (ECS) has completed the Phase I Environmental Site Assessment (ESA) of the above referenced property in the City of Ann Arbor, Washtenaw County, Michigan.

The project includes one parcel of land currently operated as a public parking lot at the corner of 4th Street and E Catherine Street. The results of the Phase I ESA are presented in the attached Report.

Please note that as of the date of this report, completed questionnaires have not been received. Prior to completion of the MSHDA cover sheet and reliance letter for submittal to MSHDA, the User questionnaire will need to be completed and returned for incorporation into the report.

We are pleased to provide this service and hope that we can be of service in the future. Should you have any questions or require further information, please do not hesitate to call Mr. Foerg at (248) 763-3639.

Sincerely,
Environmental Consulting Solutions, LLC

A handwritten signature in black ink that reads 'Andrew J. Foerg'.

Andrew J. Foerg, CPG
President

TABLE OF CONTENTS

MSHDA PHASE I SUMMARY COVER SHEET

SECTION 1.0: EXECUTIVE SUMMARY	1
Section 1.1: Phase I ESA Summary and Conclusions.....	1
Section 1.2: Identified Data Gaps.....	2
Section 1.3: Liens or Activity and Use Limitations.....	2
SECTION 2.0: INTRODUCTION	3
Section 2.1: Purpose	3
Section 2.2: Detailed Scope of Services	3
Section 2.3: Significant Assumptions	4
Section 2.4: Limitations and Exceptions.....	4
Section 2.5: Special Terms and Conditions	4
Section 2.6: User Reliance.....	4
SECTION 3.0: SITE DESCRIPTION.....	5
Section 3.1: Location and Legal Description	5
Section 3.2: Site and Vicinity Characteristics.....	5
Section 3.3: Current Use of the Property	5
Section 3.4: Descriptions of Structures, Roads and Other Improvements on the Property.....	5
Section 3.5: Current Uses of Adjoining Properties	5
SECTION 4.0: USER PROVIDED INFORMATION	6
Section 4.1: Title Records.....	6
Section 4.2: Environmental Liens or Activity and Use Limitations	6
Section 4.3: Specialized Knowledge of the User.....	6
Section 4.4: Commonly Known or Reasonably Ascertainable Information	7
Section 4.5: Valuation Reduction for Environmental Issues.....	7
Section 4.6: Reason for Performing this Phase I ESA.....	7
Section 4.7: Other.....	7
SECTION 5.0: RECORDS REVIEW	7
Section 5.1: Standard Environmental Record Sources.....	7
Section 5.1.1: Site and Occupant Listings	7
Section 5.1.2: Adjoining and Nearby Sites.....	7
Section 5.1.3: Orphan Sites	8
Section 5.2: Additional Environmental Records Sources.....	8
Section 5.2.1: Municipal Records.....	8
Section 5.2.2: Zoning Department Records	9
Section 5.2.3: Previous Site Investigations.....	9
Section 5.3: Physical Setting Source(s).....	9
Section 5.4: Historical Use Information on the Property.....	9
Section 5.4.1: Aerial Photographs for the Site.....	9
Section 5.4.2: Historical Sanborn Maps for the Site.....	10
Section 5.4.3: Local Street Directories for the Site.....	10
Section 5.5: Historical Use Information on the Adjoining Properties.....	11

Section 5.5.1: Aerial Photographs for the Adjoining Properties	11
Section 5.5.2: Historical Sanborn Maps for the Adjoining Properties	11
Section 5.5.3: Local Street Directories for the Adjoining Properties	12
SECTION 6.0: SITE RECONNAISSANCE.....	12
Section 6.1: Methodology and Limiting Conditions.....	12
Section 6.2: General Site Setting.....	13
Section 6.3: Exterior Observations.....	13
Section 6.4: Interior Observations	13
SECTION 7.0: INTERVIEWS.....	13
Section 7.1: Interview with Owner	13
Section 7.2: Interview with "Key Site Manager"	14
Section 7.3: Interview with Occupants	14
Section 7.4: Interview with Local Government Officials.....	14
Section 7.4.1: Local Fire Department	14
Section 7.4.2: Local Health Department.....	14
Section 7.5: Interview with Others	14
SECTION 8.0: EVALUATION AND REPORT PREPARATION	14
Section 8.1: Findings.....	14
Section 8.2: Opinion	15
Section 8.3: Additional Investigation	15
Section 8.4: Data Gaps	15
Section 8.5: Conclusions	15
Section 8.6: Additional Services	16
Section 8.7: Deviations	16
Section 8.8: References	16
Section 8.9: Signature of Environmental Professional(s)	16
Section 8.10: Qualification(s) of Environmental Professional(s)	17
SECTION 9.0: NON-SCOPE CONSIDERATIONS	17
Section 9.1: Friable and Non-friable Asbestos Containing Materials (ACMs)	17
Section 9.2: Lead-Based Paint	17
Section 9.3: Radon	17
Section 9.4: Special Flood Hazard Area	18
Section 9.5: Wetlands	18
Section 9.6: Electromagnetic Fields	18
Section 9.7: High Pressure Buried Gas Lines	18
Section 9.8: Noise Analysis	18
Section 9.9: Assessment of Potential Vapor Encroachment Conditions (VECs)	18
Section 9.10: USTs and ASTs	20
Section 9.11: Development Site Plan Requirements.....	21
SECTION 10.0: APPENDICES.....	21
Section 10.1: Site Location Map.....	21
Section 10.2: Site Plan	21
Section 10.3: Site Photographs	21

Section 10.4: Historical Research Documentation	21
Section 10.5: Regulatory Records Documentation.....	21
Section 10.6: Interview Documentation.....	21
Section 10.7: Special Contractual Conditions between User and EP	21
Section 10.8: Qualifications of the Environmental Professionals	21
Section 10.9: MSHDA Phase I Letter of Reliance	21
Section 10.10: Environmental Professional Insurance Certificates.....	21

APPENDICES

Section 10.1:	Figure 1: Site Location Map
Section 10.2:	Figure 2: Aerial Site Map Proposed Site Plans
Section 10.3:	Site Photographs
Section 10.4:	Aerial Photographs Historical Sanborn Maps City Directory Report
Section 10.5:	Environmental Database Report
Section 10.6:	User Disclosure Statement Correspondence with Regulatory Agencies Title Documentation and Legal Description
Section 10.7:	Non-Scope Items
Section 10.8:	Environmental Professional(s) Profiles
Section 10.9:	MSHDA Phase I Letter of Reliance
Section 10.10:	Professional Liability Insurance Certificates Signed Proposal

SECTION 1.0: EXECUTIVE SUMMARY

Section 1.1: Phase I ESA Summary and Conclusions

Environmental Consulting Solutions, LLC (ECS) has completed a Phase I Environmental Site Assessment (ESA) of the municipal public parking lot located at 121 E Catherine Street in Ann Arbor, Washtenaw County, Michigan (hereafter referred to as the "Site"). This Phase I ESA was conducted in general accordance with:

- The United States Environmental Protection Agency (USEPA) Standards and Practices for All Appropriate Inquiries {(AAI), 40 CFR Part 312};
- Guidelines established by the American Society for Testing and Materials (ASTM) in the *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process / Designation E 1527-13* (ASTM Standard Practice E 1527-13);
- *ASTM Standard Practice for Vapor Encroachment Screening on Property involved in Real Estate Transactions / Designation E 2600-15* (ASTM Standard Practice E 2600-15); and,
- MSHDA's 2021 Environmental Review Requirements.

The Report was prepared for the exclusive use by the Ann Arbor Housing Commission, City of Ann Arbor, and the Michigan State Housing Development Authority, each of whom may rely on the Report's contents.

A summary of the parcel as provided by the Client and the City of Ann Arbor online information is as follows:

Parcel Number	Address	Details	Owner
09-09-29-135-001	121 E Catherine St.	~0.381 Acre parking lot	City of Ann Arbor

Reasonably ascertainable records for the Site extended back to approximately 1888. Data failure occurred prior to that date. Standard historical sources were unable to document the first developed use of the Site. Local municipal files were limited and/or not reasonably ascertainable. No other data gaps were identified during the completion of this Phase I ESA. Based on the results of ECS's assessment and additional information gathered, these limiting conditions are not considered to be significant by ASTM standards and ECS was able to draw a conclusion in regard to the prior use of the Site from the sources reviewed.

In the professional opinion of ECS, an appropriate level of inquiry has been made into the previous ownership and uses of the property consistent with good commercial and customary practice in an effort to minimize liability.

This assessment has revealed evidence of RECs in connection with the Site.

- Historic resources (i.e. Sanborn Maps, city directories) have identified several former commercial/industrial uses at the Site including: a blacksmith, furniture factory, carpenter shop, and dairy (including potential underground fuel storage). Improper use, storage and handling of petroleum products and other chemicals associated with historic site use have the potential to negatively impact the Site.

- Historic resources (i.e. Sanborn Maps, city directories) have identified several former commercial/industrial uses at the adjoining properties including: a black smith, furniture factory, gas stations (including buried gas tanks), laundry/dry cleaners (including buried naphtha tanks), parking garage and auto glass repair. Improper use, storage and handling of petroleum products and other chemicals associated with historic adjoining property use have the potential to negatively impact the Site.

Conclusions

ECS has performed an Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E-1527-13, ASTM Practice E 2600-15 and the Michigan State Housing Development Authority (MSHDA) Environmental Review Guidelines for 2021 of the municipal public parking lot at 121 E Catherine Street in Ann Arbor, Washtenaw County, Michigan. Any exceptions to or deletions from this practice are described in the Limitations section of this report.

Evidence or indication of RECs has been revealed associated with the Site.

Section 1.2: Identified Data Gaps

ECS did not identify significant data gaps during the completion of this Phase I ESA, with the exception of the following:

- Requests were made to the City of Ann Arbor Assessing, Building and Fire Departments to review available historical records for the subject parcels. Only limited information was available.
- Reasonably ascertainable records for the Site extended back to approximately 1888. Data failure occurred prior to that date. Standard historical sources were unable to document the first developed use of the Site.

No other data gaps were identified during the completion of this Phase I ESA. Based on the results of ECS's assessment and additional information gathered, these limiting conditions are not considered to be significant by ASTM standards and ECS was able to draw a conclusion in regard to the prior use of the Site from the sources reviewed.

Section 1.3: Liens or Activity and Use Limitations

The Client did not report any environmental cleanup liens against the Site that are filed or recorded under federal, tribal, state, or local law. The Client did provide ECS with a copy of an ALTA Commitment for Title Insurance dated October 28, 2021 issued by Absolute Title Inc. Schedule B, Part II, Exceptions, did not identify any activity and use limitations (AULs), such as engineering controls, land use restrictions or institutional controls, that are in place at the Site and/or have been filed or recorded in a registry under federal, tribal, state, or local law.

ECS obtained a copy of the current EGLE *Remediation and Redevelopment Division Perfected Lien List*. There was no information regarding environmental liens encumbering the Site.

Evaluation of the EGLE Environmental Mapper on line database did not identify AULs associated with the Site. There is an order prohibiting groundwater use due to contamination emanating from the former Gelman Sciences facility in Scio Township in order to prevent unacceptable exposure to 1,4-dioxane in the groundwater.

The summary presented above is general in nature and should not be considered apart from the entire text of the report, which contains the qualifications, considerations and Site details mentioned herein. Details of findings and conclusions are elaborated upon in this report.

SECTION 2.0: INTRODUCTION

Environmental Consulting Solutions, LLC (ECS) has completed a Phase I Environmental Site Assessment (ESA) of the municipal public parking lot property located at 121 E Catherine Street in Ann Arbor, Washtenaw County, Michigan (hereafter referred to as the "Site"). This Phase I ESA was conducted in general accordance with:

- The United States Environmental Protection Agency (USEPA) Standards and Practices for All Appropriate Inquiries ((AAI), 40 CFR Part 312);
- Guidelines established by the American Society for Testing and Materials (ASTM) in the *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process / Designation E 1527-13* (ASTM Standard Practice E 1527-13);
- *ASTM Standard Practice for Vapor Encroachment Screening on Property Involved in Real Estate Transactions / Designation E 2600-15* (ASTM Standard Practice E 2600-15); and,
- MSHDA's 2021 Environmental Review Requirements.

Section 2.1: Purpose

ECS was retained to conduct this Phase I ESA of the Site to assist the Client in a prospective property transaction. The ESA was designed to be consistent with the All Appropriate Inquiries regulations of USEPA and ASTM Standard E1527-13 and to provide the Client an objective, professional opinion of environmental risks, if any, associated with the property through the identification of RECs, to the extent feasible pursuant to the process prescribed in the Standard.

As defined in the ASTM Designation E 1527-13, the term Recognized Environmental Condition means, "...the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment."

Section 2.2: Detailed Scope of Services

ECS's scope-of-services is based on its proposal dated October 28, 2021 and authorized October 29, 2021 and the terms and conditions of that agreement. This Phase I ESA included the following:

- A visual survey of the property to identify areas of potential environmental concern. Color photographs taken to document the Site conditions at the time of the reconnaissance are included in this Report.

- A visual observation of neighboring properties or facilities to assess whether surface conditions on these properties may have adverse environmental impact on the Site.
- Historical land use review of the Site back to 1940 or the first developed use, whichever occurred earlier.
- Collection and review of existing published information relating to general geology, hydrogeology, and topographical information for the Site.
- A regulatory agency file search to identify federal and state listed sites of known or potential environmental concerns located within the minimum search distances from the Site as specified in ASTM E1527-13 and EPA's All Appropriate Inquiry codified in federal regulation - *40 CFR, Part 312*.
- Interviews with the Site owner, the owner's representative(s), representatives of the state, county, and local regulatory agencies, or other persons with knowledge of the site.
- Vapor Encroachment Screen (VES).
- Evaluation of compiled information and preparation of a report.

Section 2.3: Significant Assumptions

ECS assumes the information reviewed in this assessment (including government records and environmental databases, prior ESAs, and historical sources) are reliable and accurate. We also assume all interviewees have responded truthfully and to the extent of their knowledge.

Section 2.4: Limitations and Exceptions

The information gathered for this Phase I ESA is limited to information that is publicly available, obtainable within reasonable time and cost constraints, and is practically reviewable. It is also limited to conspicuous visual indicators encountered during the Site reconnaissance. The ESA interpretations are made within the context of these limitations.

There were no deletions from the ASTM Standard, with the exception of the following:

- The User Questionnaire and Owner/Operator Questionnaire were not received as of the date of this report.

The findings of this report are valid as of December 10, 2021 subject to the Phase I ESA Limitations listed above.

Section 2.5: Special Terms and Conditions

To the best of ECS's knowledge, no special terms or conditions apply to the preparation of this Phase I ESA.

Section 2.6: User Reliance

The Report was prepared for the exclusive use of the Ann Arbor Housing Commission, City of Ann Arbor, and the Michigan State Housing Development Authority, each of whom may rely on the

Report's contents.

ECS acknowledges that these parties may rely on the contents and conclusions presented in this report. Unless stated otherwise in writing, ECS makes no other warranty, representation, or extension of reliance upon the findings of this report to any other entity or third party.

SECTION 3.0: SITE DESCRIPTION

Section 3.1: Location and Legal Description

The Site consists of one parcel of land developed for public parking located at the northwest corner of E Catherine Street and 4th Street. The Site is located in Section 29, Township 2 South, Range 6 East, Ann Arbor, Washtenaw County, Michigan.

A summary of the parcel as provided by the Client and the City of Ann Arbor online information is as follows:

Parcel Number	Address	Details	Owner
09-09-29-135-001	121 E Catherine St.	~0.381 Acre parking lot	City of Ann Arbor

The legal description of the Site is presented in Section 10.6. The table below presents the legal description as obtained from the Client provided ALTA Title Commitment:

Legal Description
<i>Lot 27, Assessor's Plat No. 29, as recorded in liber 9 of Plats, Page 20, Washtenaw County Records.</i>

Section 3.2: Site and Vicinity Characteristics

The Site is located in downtown Ann Arbor and surrounded by commercial and residential properties. The parcel is situated at the northwest corner of E Catherine Street and 4th Street. Adjoining properties include commercial and mixed-use properties.

Refer to ECS Figure 2, Aerial Site Map included in Section 10.2, which depicts the general layout of the Site.

Section 3.3: Current Use of the Property

The site parcel is developed as a public parking lot, owned and operated by the City of Ann Arbor.

Section 3.4: Descriptions of Structures, Roads and Other Improvements on the Property

There are no structures on the Site. The parcel is developed for public parking. The Site consists of asphalt paved parking improved with an electric vehicle charging station.

Section 3.5: Current Uses of Adjoining Properties

Adjoining properties were viewed from the Site and/or public roadways.

Adjoining Properties	
North	Braun Court commercial buildings (313, 315, 317, 319 Braun Ct)
South	E Catherine Street, followed by a public parking lot (219 N 4 th Avenue)
East	4 th Avenue, followed by commercial office building (201 E Catherine/303 Detroit St.)
West	Commercial office building (109-111 E Catherine) and Eureka Cleaners and parking lot (308 Main St.)

No obvious visual evidence of any potential environmental concerns were noted on any of the adjoining properties as observed from the property boundaries, with the exception of the cleaners adjoining to the west. No exterior storage or obvious UST vent pipes were noted on the adjoining properties.

SECTION 4.0: USER PROVIDED INFORMATION

ECS provided the User with a copy of MSHDA's User's Environmental Questionnaire and Disclosure Statement. As of the date of this report, completed questionnaires have not been received.

Section 4.1: Title Records

A chain of title or title abstract was not provided.

The User did provide ECS with a copy of an ALTA Commitment for Title Insurance dated October 28, 2021 issued by Absolute Title, Inc. Current property owner was identified as the City of Ann Arbor.

Section 4.2: Environmental Liens or Activity and Use Limitations

The Client did not report any environmental cleanup liens against the Site that are filed or recorded under federal, tribal, state, or local law. Schedule B, Part II, Exceptions, of the Title Commitment did not identify any activity and use limitations (AULs), such as engineering controls, land use restrictions or institutional controls, that are in place at the Site and/or have been filed or recorded in a registry under federal, tribal, state, or local law.

ECS obtained a copy of the current EGLE *Remediation and Redevelopment Division Perfected Lien List*. There was no information regarding environmental liens encumbering the Site.

Evaluation of the EGLE Environmental Mapper on line database did not identify AULs associated with the Site. There is an order prohibiting groundwater use due to contamination emanating from the former Gelman Sciences facility in Scio Township in order to prevent unacceptable exposure to 1,4-dioxane in the groundwater.

Section 4.3: Specialized Knowledge of the User

The User did not report any other specialized knowledge or experience that is material to identifying recognized environmental conditions in connection with the Site.

Section 4.4: Commonly Known or Reasonably Ascertainable Information

The User did not report knowledge of any commonly known or reasonably ascertainable information within the local community that is material to RECs in connection with the Site.

Section 4.5: Valuation Reduction for Environmental Issues

The User did not report knowledge of, or reason to anticipate, a reduction in the value of the Site for environmental issues.

Section 4.6: Reason for Performing this Phase I ESA

According to client, this Phase I ESA was conducted to fulfill due diligence requirements associated with a prospective property redevelopment as well as MSHDA requirements associated with potential MSHDA funding.

Section 4.7: Other

No other information was provided by the User.

SECTION 5.0: RECORDS REVIEW

Section 5.1: Standard Environmental Record Sources

ECS retained Environmental Data Resources Inc. (EDR) to provide current environmental database information compiled by a variety of federal and state regulatory agencies. A copy of the database report is included in Section 10.5. The purpose of obtaining this data was to evaluate potential environmental risks associated with the Site, adjoining sites, and other sites that are within varying distances of up to one mile from the Site.

Section 5.1.1: Site and Occupant Listings

The EDR Report does not identify the Site in any of the database listings.

Section 5.1.2: Adjoining and Nearby Sites

The review of the referenced databases considered the potential or likelihood of contamination from adjoining and nearby sites. Only those sites that are judged to present a potential environmental risk to the Site and/or warrant additional clarification are further evaluated.

With respect to the Standard Environmental Records reviewed and the additional environmental records reviewed, there were a total of 199 federal, state or tribal listings identified within their respective search distances. A breakdown of properties identified within various search distances from the Site is as follows:

EDR Radius Map Report				
Number of listings identified within search distances from the Site				
< 1/8 mile	1/8 to 1/4 mile	1/4 to 1/2 mile	1/2 to 1 mile	> 1 mile
35	68	88	8	0

ECS further reviewed the EDR database lightbox online tool for sites identified within 300 feet from the Site. The following properties were identified:

Site Name	Address	Database	Distance
Eureka Cleaners, JNJ Cleaners	308 N Main Street	EDR Historic Cleaners, Drycleaners, RCRA- VSQG, FINDS, CHO, Manifest	~ 75 feet west
University Fuel Mark, Amoco Oil	300 N Main Street	EDR Historic Auto, RCRA NonGen/NLR, FINDS, ECHO, BEA, LUST, UST, WDS, Financial Assurance	~93 feet west
303 Detroit Street, LLC	303 Detroit Street	RCRA NonGen/NLR	~65 feet east

Two of the above listed properties would be considered a potential REC to the Site based on type of listing and distance:

- The drycleaners to the west of the Site had operating dates from 1969 through 2020 and a NAICS Code 81232, Dry-cleaning and Laundry Services (Except Coin Operated).
- The gas station to the west of the Site has active USTs in addition to documented soil and/or groundwater contamination based on the BEA and LUST database listings.

ECS eliminated the remaining properties listed in the EDR database from further consideration based the separation distance and down or cross gradient locations. Therefore, the remaining properties are unlikely to significantly impact the Site.

Section 5.1.3: Orphan Sites

Four Orphan Sites were listed in the EDR Radius Report database. ECS was able to further evaluate the location of the orphan sites. Based on the distance from the Site, these sites do not appear to present a concern to the Site.

Section 5.2: Additional Environmental Records Sources

Section 5.2.1: Municipal Records

ECS submitted a Freedom of Information Act (FOIA) request to the City of Ann Arbor to receive and/or review the historical and current Assessing, Building and Fire Department records for the Site parcel. ECS also reviewed the current on-line municipal documentation. On November 23, 2021, a response was received from the City of Ann Arbor City Clerk. Current and historic assessing record cards were provided, however, building and fire department records were denied indicating records were not available.

A review of the available municipal documentation indicated the parcel is vacant land, owned by the City of Ann Arbor. Copies of available municipal records are provided in Section 10.6.

Section 5.2.2: Zoning Department Records

ECS reviewed the Ann Arbor Assessing online information providing general property details. The Site parcel zoning is identified as D2: Downtown Interface District. This district is intended to be an area of transition between the D1 (downtown core) and surrounding residential neighborhoods. This district is appropriate for medium density residential and mixed use development..

Section 5.2.3: Previous Site Investigations

ECS was not provided with any previous site investigations.

Based on the EDR Radius Map report, the Site was not listed, hence a FOIA request to EGLE for records for the Site was not warranted.

The nearby property to the west (300 Main Street) was identified as a LUST site and BEA. These records would be maintained by EGLE. However, based on the active status of the tanks, the dates of the former reports, as well as other potential sources on and surrounding the Site, a detailed review of previous documentation for the nearby property was not warranted. The remaining two sites listed in the database report are administrative in nature and would not have records pertaining to previous site investigations.

Section 5.3: Physical Setting Source(s)

The United States Geological Survey Division (U.S.G.S.) 7.5-Minute Topographic Map of the Ann Arbor East, Michigan Quadrangle for the Site was reviewed in accordance with the ASTM standards (ECS Figure 1). Based on the topographic map, the Site is located at an elevation of approximately 827 feet above mean sea level. In general, the regional area appears to slope to the northwest.

ECS evaluated the EGLE GeoWebFace online resource) for geological information regarding the Site (<http://ww2.deq.state.mi.us/GeoWebFace/>). According to the EGLE GeoWebFace database, in this area of Washtenaw County, bedrock geology is composed of Coldwater Shale. Quaternary geology consists of end moraines of medium-textured till.

ECS also evaluated dominant soil composition in the area of the Site as reported in the EDR Radius Report. The soils were identified as "Boyer" soils; sandy loam, well drained soils with moderately coarse textures.

Section 5.4: Historical Use Information on the Property

Section 5.4.1: Aerial Photographs for the Site

Aerial photographs of the Site and surrounding area, provided by EDR from 1937-2016, were reviewed. A summary of the aerial photographs is provided below.

Year	Aerial Photograph Description
1937-1962	The Site is developed with multiple structures.
1969-2016	The Site is a parking lot.

Except as discussed, the scale and resolution of the aerial photographs limited observation of special Site features, such as relief, areas of staining, soil disturbances or areas of outdoor storage.

The Site was developed sometime prior to 1937. Type of use is unable to be confirmed. A copy of the aerial photographs is presented in Section 10.4.

Section 5.4.2: Historical Sanborn Maps for the Site

Sanborn Fire Insurance Maps of the Site were provided by EDR from 1888 to 1972. The Sanborn maps indicated the following:

Year	Sanborn Map Description
1888	The Site is developed with several structures. The two structures on the south portion are identified as a blacksmith and vacant building. The structures on the north portion appear to be associated with the C.H. St. Clair and Sons School Furniture Factory, identified as a furniture shop, cabinet shop.
1892	The vacant building at the southwest corner is gone. The Site is now referenced as the C. H. St. Clair Steam Carpenter Shop.
1899-1916	The buildings on the north portion of the Site are now referenced as storage sheds for stoves and second hand stores for stoves and furniture. The black smith on the southeast portion of the Site is still present.
1925	The Site has been redeveloped. The north buildings are identified as auto parking or out buildings for an Ice Cream Factory and Milk Depot located on the south portion of the Site.
1931-1948	The Site has been expanded and is identified as the Ann Arbor Dairy Co. Most of the site is covered with buildings. A heater room is identified on the southwest portion of the Site. There is reference to what appears to be "concrete fuel r.m. underground", but the wording is difficult to discern. There is also a private garage on the northwest portion of the Site.
1972	The Site is identified as a parking lot. No buildings or structures are present.

The Sanborn maps depict non-residential uses across the site from as early as 1888. Historic Site uses identified are considered RECs based on the potential for use, storage and/or handling of chemicals associated with historic site uses. A copy of the Sanborn Maps is presented in Section 10.4.

Section 5.4.3: Local Street Directories for the Site

ECS retained EDR to conduct a search of local street directories for the Site addresses. Historic city directories from 1932 through 2017 were evaluated. Historic city directory sources included the EDR Digital Archive, Bresser's Cross-Index Directory Company and Polk's City Directory. The Site address of 121 Catherine Street was evaluated, in addition to historic addresses that would correspond to the Site parcel (based on Sanborn Maps).

Year	City Directory Listings
1932	Ann Arbor Dairy Co. (121 E Catherine)
1937	Ann Arbor Dairy co. (121 E Catherine); Ann Arbor Co-Op Society Gros (127 E Catherine)
1942-1955	Ann Arbor Dairy Co. (121 E Catherine)
1960	Vacant (121 E Catherine)
1964	Municipal Parking Lot (121 E Catherine)
1967-2017	Not Listed

The listings in the City Directory resources were consistent with historic Sanborn maps. A copy of the City Directory abstract is presented in Section 10.4.

Section 5.5: Historical Use Information on the Adjoining Properties

Section 5.5.1: Aerial Photographs for the Adjoining Properties

Aerial photographs of the Site and adjoining properties, provided by EDR from 1937-2016, were reviewed. The aerial photographs indicated that the surrounding area was heavily developed sometime prior to 1937. Due to the scale of the photographs, type of adjoining site use was unable to be confirmed. A copy of the aerial photographs is presented in Section 10.4.

Section 5.5.2: Historical Sanborn Maps for the Adjoining Properties

Sanborn Fire Insurance Maps of the Site and adjoining properties were provided by EDR from 1888 to 1972. The Sanborn maps indicated the following regarding adjoining properties:

Year	Sanborn Map Description
1888	North: CH St. Clair and Sons School Furniture Factory building South: Dwelling East: Agril. Impts. Buildings West: Dwelling and Black Smith shop
1892	North: CH St. Clair Steam Carpenter Shop building South: Dwelling East: Agril. Impts. Buildings West: Dwelling and Horse shed
1899	North: Not labeled South: Dwelling East: Hay & Todd Underwear Manufacturing Co. Mill No.2 West: Dwelling and Horse Shed
1908	North: Vacant South: Dwelling East: Steam laundry West: Dwelling, horse sheds, 25 gallon gasol tank
1916	North: Dwellings on Braun Ct. South: Dwelling East: White Swan Laundry Co. West: Dwelling and parking garage
1925	North: Dwellings on Braun Ct. South: Dwellings and a filling station with gas tanks East: Steam laundry and dry cleaning, underground gas tank. West: Dwelling, Parking garage and filling station with gas tanks

Year	Sanborn Map Description
1931	North: Dwellings on Braun Ct. South: Dwellings and a filling station with gas tanks East: White Swan Laundry and dry cleaning, underground gas and naphtha tanks. West: Dwelling, Parking garage and filling station with gas tanks
1948	North: Dwellings on Braun Ct. South: Dwellings and a filling station with gas tanks East: White Swan Laundry and dry cleaning, underground gas and naphtha tanks. West: Printing shop, Parking garage and filling station with gas tanks
1972	North: Dwellings on Braun Ct. South: Parking Lot East: parcel is redeveloped with an office building. West: dry cleaners, auto glass installation and other commercial business

Based on a review of the historic Sanborn maps, historic uses of adjoining properties present an REC to the Site. A copy of the Sanborn Maps is presented in Section 10.4.

Section 5.5.3: Local Street Directories for the Adjoining Properties

ECS retained EDR to conduct a search of local street directories for the adjoining properties. Historic city directories from 1932 through 2017 were evaluated. Historic city directory sources included the EDR Digital Archive, Bresser's Cross-Index Directory Company and Polk's City Directory Adjoining addresses along E Catherine Street and 4th Street were evaluated.

The findings were consistent with the Sanborn maps. Adjoining properties of concern included the following:

- South: Filling station (1932-1951)
- East: White Swan Laundry Co. (1932-1951)
- West: City Garage (1932), Ann Arbor Glass (1960), Wolverine Glass (1964-1967)

A copy of the City Directory listings is presented in Section 10.4.

SECTION 6.0: SITE RECONNAISSANCE

Section 6.1: Methodology and Limiting Conditions

The Site reconnaissance was completed in a meander and search pattern and consisted of visual and/or physical observations of the Site and improvements, adjoining properties as viewed from the Site boundaries, and the surrounding area based on visual observations made from adjacent public thoroughfares.

Julie Pratt of ECS conducted the site reconnaissance on November 17, 2021. At the time of the site reconnaissance, weather conditions were cloudy with some rain and a temperature of approximately 38 degrees Fahrenheit. Photographs taken during the reconnaissance of the Site are presented in Section 10.3.

No significant portions of the Site were inaccessible or excluded from this survey with the following exceptions:

- Onsite vehicle parking limited site observations.

Based on the results of ECS's assessment and additional information gathered, this limiting condition is not considered to be significant.

Section 6.2: General Site Setting

The Site is located in downtown Ann Arbor and surrounded by commercial properties. The parcel is situated at the northwest corner of E Catherine Street and 4th Street.

Section 6.3: Exterior Observations

The Site is a municipal parking lot. The Site consists of asphalt paving, landscaping, and an electric vehicle charging station.

ECS did not observe evidence of illicit dumping and debris across the site, such as tires, household trash and/or building debris.

No ponds, or lagoons were identified on the Site during the site reconnaissance.

ECS did not observe any obvious evidence of PCB containing equipment or transformers on the Site. A pad-mounted transformer was located near the southwest corner of the parcel. The transformer was in good condition, with no evidence of leaks or staining. There were no labels regarding the contents of the transformer.

ECS did not observe any evidence of USTs (i.e. fill ports, vent pipes, etc.), ASTs, or chemical storage containers during the site reconnaissance. No stained soil or obvious evidence of leaks or spills was observed.

Photographs are included in Appendix 10.3.

Section 6.4: Interior Observations

There are no buildings or structures on the Site.

SECTION 7.0: INTERVIEWS

Section 7.1: Interview with Owner

ECS provided a questionnaire to the Client for completion by an owner/operator representative. As of the date of this report, a completed questionnaire has not been received.

Section 7.2: Interview with “Key Site Manager”

The Site Manager is also the Property Owner.

Section 7.3: Interview with Occupants

The Site is vacant; there are no occupants.

Section 7.4: Interview with Local Government Officials

Interviews with local government officials were summarized in previous sections and in the paragraphs below and on the following page.

Section 7.4.1: Local Fire Department

ECS submitted a FOIA request to the City of Ann Arbor regarding records available for the Site. Fire Department information was denied indicating no information was available.

Section 7.4.2: Local Health Department

ECS submitted a FOIA request to the Washtenaw County Health Department. As of the date of this report, a response has not been received.

Section 7.5: Interview with Others

No other interviews were conducted.

SECTION 8.0: EVALUATION AND REPORT PREPARATION

Section 8.1: Findings

In the professional opinion of ECS, an appropriate level of inquiry has been made into the previous ownership and uses of the property consistent with good commercial and customary practice in an effort to minimize liability.

This assessment has revealed evidence of RECs in connection with the Site.

- Historic resources (i.e. Sanborn Maps, city directories) have identified several former commercial/industrial uses at the Site including: a blacksmith, furniture factory, carpenter shop, and dairy (including potential underground fuel storage). Improper use, storage and handling of petroleum products and other chemicals associated with historic site use has the potential to negatively impact the Site.
- Historic resources (i.e. Sanborn Maps, city directories) have identified several former commercial/industrial uses at the adjoining properties including: a black smith, furniture factory, gas stations (including buried gas tanks), laundry/dry cleaners (including buried naphtha tanks), parking garage and auto glass repair. Improper use, storage and handling

of petroleum products and other chemicals associated with historic adjoining property use has the potential to negatively impact the Site.

Section 8.2: Opinion

ECS has performed an Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E-1527-13, ASTM Practice E 2600-15 and the Michigan State Housing Development Authority (MSHDA) Environmental Review Guidelines for 2021 of the municipal parking lot located at 121 E Catherine Street in Ann Arbor, Washtenaw County, Michigan. Any exceptions to or deletions from this practice are described in the Limitations section of this report.

Evidence or indication of RECs have been revealed associated with historical operations at and adjoining the Site.

Section 8.3: Additional Investigation

Due to the nature of historic site uses and historic uses of adjoining properties, Phase II ESA activities are recommended in order to assess soil and groundwater beneath the site.

Section 8.4: Data Gaps

ECS did not identify or encounter any instances of significant data gaps during the course of this ESA. The absence of complete documentation from the municipal Assessing, Building and Fire Departments and completed questionnaires from the Client are limiting conditions, but ECS was able to draw a conclusion in regard to the prior use of the Site from the sources reviewed.

No significant portions of the Site were inaccessible or excluded from this survey with the following exceptions:

- Reasonably ascertainable records for the Site extended back to approximately 1888. Data failure occurred prior to that date. Standard historical sources were unable to document the first developed use of the Site.

Based on the results of ECS's assessment and additional information gathered, this limiting condition is not considered to be significant.

Section 8.5: Conclusions

ECS has performed an Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E-1527-13, ASTM Practice E 2600-15 and the Michigan State Housing Development Authority (MSHDA) Environmental Review Guidelines for 2021 of the public parking lot at 121 E Catherine Street in Ann Arbor, Washtenaw County, Michigan.

Any exceptions to or deletions from this practice are described in the Limitations section of this report.

Evidence or indication of RECs have been revealed associated with the historical uses at the Site as well as adjoining properties. Further investigation is warranted to address the RECs.

Section 8.6: Additional Services

No additional services were included in the scope of work for this Phase I ESA.

Section 8.7: Deviations

ECS did not deviate from ASTM Standard Practice E 1527-13 or MSHDA's 2021 Environmental Review Requirements when performing this Phase I ESA.

Section 8.8: References

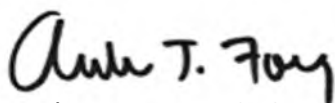
The information contained in this report reflects that obtained from the following sources:

- Reconnaissance/walk-through of the Site conducted on November 17, 2021;
- Interviews (through written and verbal correspondence) with Ms. Jennifer Hall, representing the User/Client.
- Review of aerial photography obtained from Environmental Data Resources, Inc. (EDR)
- Review of Sanborn Fire Insurance Maps obtained from EDR
- Review of City Directory Listings obtained from EDR
- Review of reasonably ascertainable records from the City of Ann Arbor
- Review of United States Geological Survey Division (U.S.G.S.) Topographic Maps obtained from Environmental Data Resources, Inc. (EDR)
- Review of the EGLE online resources
- Review of federal and state regulatory records as part of the ASTM Standard Environmental Record Sources, provided by EDR.
- Review of Vapor Encroachment as part of the services provided by EDR
- EGLE provided Freedom of Information Act (FOIA) documentation.

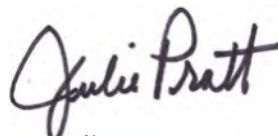
Section 8.9: Signature of Environmental Professional(s)

We declare that, to the best of our professional knowledge and belief, we meet the definition of *Environmental professional* as defined in §312.10 of 40 CFR 312 and we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Site.

We have completed the all appropriate inquires in conformance with the standards and practices set forth in 40 CFR Part 312.



Andrew J. Foerg, CPG
President



Julie Pratt
Senior Project Professional

Section 8.10: Qualification(s) of Environmental Professional(s)

The qualifications of the environmental professionals are outlined on the profiles presented in Section 10.8.

SECTION 9.0: NON-SCOPE CONSIDERATIONS

Section 9.1: Friable and Non-friable Asbestos Containing Materials (ACMs)

The Site consists of vacant land with no buildings or structures. Evaluation for friable and non-friable ACMs is not applicable.

Section 9.2: Lead-Based Paint

The Site consists of vacant land with no buildings or structures. Evaluation for lead-based paint is not applicable.

Section 9.3: Radon

The Site is located Washtenaw County. The EGLE Radon Map by County identifies Washtenaw County as having 38% of homes tested equal to or above 4pCi/L guidance. Refer to Section 10.7 for the EGLE Radon Map by County.

New construction projects and any proposed mitigation plans must be consistent with the radon resistant code requirements as detailed in Appendix F of the International Residential Code or Appendix N of the International Building Code as appropriate.

Post construction radon testing must follow the protocols set by the American Association of Radon Scientists and Technologists, Protocol for Conducting Radon and Radon Decay Product Measurements in Multifamily Buildings (ANSI-AARST MAMF-2017, Section III, or similar section in the most recent addition) (available at <http://aarst.org/bookstore.shtml>). Exception: With reference to Section III.3.1 of ANSI-AARST MAMF-2017, the minimum number of areas to be tested shall be at least twenty-five percent (25%) of randomly selected ground level units/rooms in each building or separate foundation type. All of the other requirements at Section III of ANSI-AARST MAMF-2017, including upper floor testing, shall be followed. Note that if less than one-hundred percent (100%) of ground level units/rooms are tested and radon is found in one or more unit/room at or above threshold requirements, then all ground level units/rooms must be mitigated.

Section 9.4: Special Flood Hazard Area

The Site is not located within a Special Flood Hazard Area. A copy of the existing FEMA Flood hazard map, including Community Panel Number is included in Section 10.7.

Section 9.5: Wetlands

No wetlands are located on the Site. A copy of the wetlands information is included in Section 10.7.

Section 9.6: Electromagnetic Fields

There are no buildings or structures on the subject property; no cell phone towers, antennae or arrays were observed on the subject property.

Power transmission lines in close proximity to the subject property were not identified by ECS during site reconnaissance. Site photographs are included in Appendix A.

ECS further evaluated online GIS mapping and did not identify power transmission lines in close proximity to the subject property.

Section 9.7: High Pressure Buried Gas Lines

High pressure buried gas lines were not identified by ECS during site reconnaissance. ECS further evaluated the National Pipeline Mapping System (NPMS) and did not identify high pressure buried gas lines within 1,000 feet of the subject property. A copy of the NPMS information is included as Attachment 1.7.

Section 9.8: Noise Analysis

A noise analysis is required for sites located within: 1) 1,000 feet of a limited access highway or "busy roadway" (see definition), or 2) 3,000 feet of a railroad line, or 3) 15 miles of a civil or military airport. The noise analysis was completed following the procedures contained in the "HUD Noise Guidebook".

Busy roadways are a source at the Site. SEMCOG online resources for Average Daily Trips (ADT) were evaluated; several busy roadways (roads with reported road counts) were identified within 1,000 feet of the Site. Please note that based on the Site being located in a downtown heavily developed area, road noise sources for the busy roadways visually observed during site reconnaissance were determined by line-of-sight exposure. Analysis of additional road noise sources may be required based on the actual site plans (i.e. number of stories may require more extensive noise analysis). In addition, detailed site plans with measurements and set backs were not available.

ECS searched for civil and/or military airports within 15 miles of the Site. ESC also evaluated the Michigan list of NPIAS Airports (National Plan of Integrated Airport Systems) for further information. No military airports were located within 15 miles of the project. Several airports were identified within 15 miles from the Site.

Airport	Distance	Contour Available	Noise Source
Ann Arbor Municipal	4 Miles	Yes	No
Willow Run	10.75 Miles	Yes	No
Cackleberry Airport	11.5 Miles	No	No
Belleville	12.5 Miles	No	No
Downwind Acres	13 Miles	No	No

Based on the distance and noise contours available, airport noise is not a source at the Site. Noise contours were not available for the smaller airports, however, based on the size and configuration of the airports and comparison to available contour maps, airport noise should not be a concern at the Site.

Railroad noise is a source at the Site; railroads were identified within 3,000 feet. One rail line was identified approximately 1,200 feet west of the Site and a second rail line was identified approximately 2,030 feet north of the Site. Federal Railroad Administration railroad operations data was obtained including FRA rail crossing inventory.

ECS used the online HUD DNL Calculator to generate an expected day/night noise level (DNL). The DNL level was calculated at a point near the southeast corner of the Site, initially evaluating only road source noise from the adjoining 4th Avenue. The DNL level was calculated to be 72 db, greater than the "normally unacceptable" HUD Noise Guideline of 70db. Adding in railroad noise as a source increased the DNL level to 73dB.

Please note that the noise calculations are based on estimates and measurements obtained using the Client provided conceptual site plans depicting proposed building locations and Google Maps.

As the project is currently in development stage, it will be important to utilize noise mitigation in the building construction materials, evaluate site reconfiguration, and/or construct man-made barriers to reduce noise. Additional noise assessment is necessary once final site plans have been determined in order to evaluate multiple onsite noise source locations.

Copies of the HUD DNL calculator and supporting documents are included as Attachment 1.8.

Section 9.9: Assessment of Potential Vapor Encroachment Conditions (VECs)

ECS completed a Tier I and non-invasive Tier II Vapor Encroachment Screen (VES) of the target property. The Tier I and non-invasive Tier II VES was conducted in general accordance with the guidelines established by the American Society for Testing and Materials (ASTM) in the *Standard Practice for Assessment of Vapor Intrusion into Structures on Property Involved in Real Estate Transactions Designation E 2600-10* (ASTM Standard Practice E 2600-10).

The purpose of the VES was to determine if potential Vapor Encroachment Concerns (pVECs) or Vapor Encroachment Concerns (VECs) exist in association with the target property. ASTM's Standard Practice E 2600-10 defines the term VEC as the presence or likely presence of any contaminant of concern (COC) in the indoor air environment of existing or planned structures on a property caused by the release of vapor from contaminated soil or groundwater either on the property or within close proximity to the property, at a concentration that presents or may present an unacceptable health risk to occupants. A VEC can be further defined as any COC within 100 feet for soil impacts or ground water impacts of an existing/planned structure or to the target property boundary if there are no planned structures.

The scope of this Tier I VES included a review of the geologic, hydrologic, hydrogeologic, topographic maps, aerial photography, city directories, Sanborn Fire Insurance Maps, a review of previous site investigations, regulatory databases and other pertinent data obtained during the preparation of the Phase I.

The Tier II component of this VES included the use of professional judgment for additional nearby properties outside of the scope of a typical Phase I records review. No subsurface investigation of the property was undertaken as part of this Tier I and non-invasive Tier II VES.

ECS performed an initial search of all ASTM E 2600-10 standard government record databases and EDR proprietary historical records related to former dry cleaners, gas stations and manufactured gas plants within the 1/3-mile maximum distance defined in ASTM E 2600-10 for COC-contaminated sites. The initial screen for pVECs within the default Area of Concern (AOC) did identify pVECs. ECS further evaluated the pVECS with COC's within 100 feet of the proposed structures.

Based on the historic documentation available for review, there is the potential for volatile contamination present at the Site due to historic uses identified at the site and adjoining/nearby properties. Additional assessment is warranted to evaluate the potential for vapor intrusion associated with historic uses.

Section 9.10: USTs and ASTs

There are no known USTs or ASTs identified on the Site.

ECS evaluated the Environmental Database Reports specific to ASTs located in the vicinity of hazardous industrial operations handling fuel or chemicals of an explosive or flammable nature. A search distance of 1 mile was applied; the following table summarizes the properties that were identified within 1 mile of the Site.

Site Name	Distance from the Site	Site Status
City of Ann Arbor (DPW)	~1581 ft.	Tanks Removed from Premises
City of Ann Arbor (Main)	~1581 ft.	Tanks Removed from Premises
Biomedical Science Research Bldg	~3688 ft	2 - 10,000 gallon Diesel ASTs
City of Ann Arbor (Montgomery)	~4893 ft.	2 - 2,000 gallon Diesel ASTs

ECS utilized the HUD electronic Acceptable Separation Distance (ASD) assessment tool to confirm the acceptable separation distance (ASD) from the Site. The Site was not located within the ASD

radius of the AST sites. A copy of the ASD results is included in Section 10.7.

Section 9.11: Development Site Plan Requirements

A copy of Proposed Site Plans is included in Section 10.7.

SECTION 10.0: APPENDICES

Section 10.1: Site Location Map

The Site Location Map is presented as Figure 1 in Section 10.1.

Section 10.2: Site Plan

An Aerial Site Map is presented as Figure 2
Proposed Site Plans as generated by Smithgroup.

Section 10.3: Site Photographs

The Site Photographs are presented in Section 10.3.

Section 10.4: Historical Research Documentation

The following historical research documentation is presented in Section 10.4:
Aerial Photographs
Historical Sanborn Maps
City Directory Report

Section 10.5: Regulatory Records Documentation

The Environmental Database Report is presented in Section 10.5.

Section 10.6: Interview Documentation

The following documentation is presented in Section 10.6:
The User Disclosure Statement
Correspondences with Regulatory Agencies
Title Documentation and legal description

Section 10.7: Special Contractual Conditions between User and EP

The following non-scope documentation was completed and is presented in Section 10.7.
Radon Map by County
FEMA FIRMette/ALTA Survey
Wetlands Map
NPMS map
Noise Analysis
ASTs / USTs

Section 10.8: Qualifications of the Environmental Professionals

The profile of the EP involved in this Phase I ESA is presented in Section 10.8.

Section 10.9: MSHDA Phase I Letter of Reliance

The MSHDA Phase I Letter of Reliance is presented at the beginning of this Report and in Section 10.9.

Section 10.10: Environmental Professional Insurance Certificates

The Professional Liability Insurance Certificate and signed proposal are presented in Section 10.10.

SECTION 10.1

Figure 1: Site Location Map

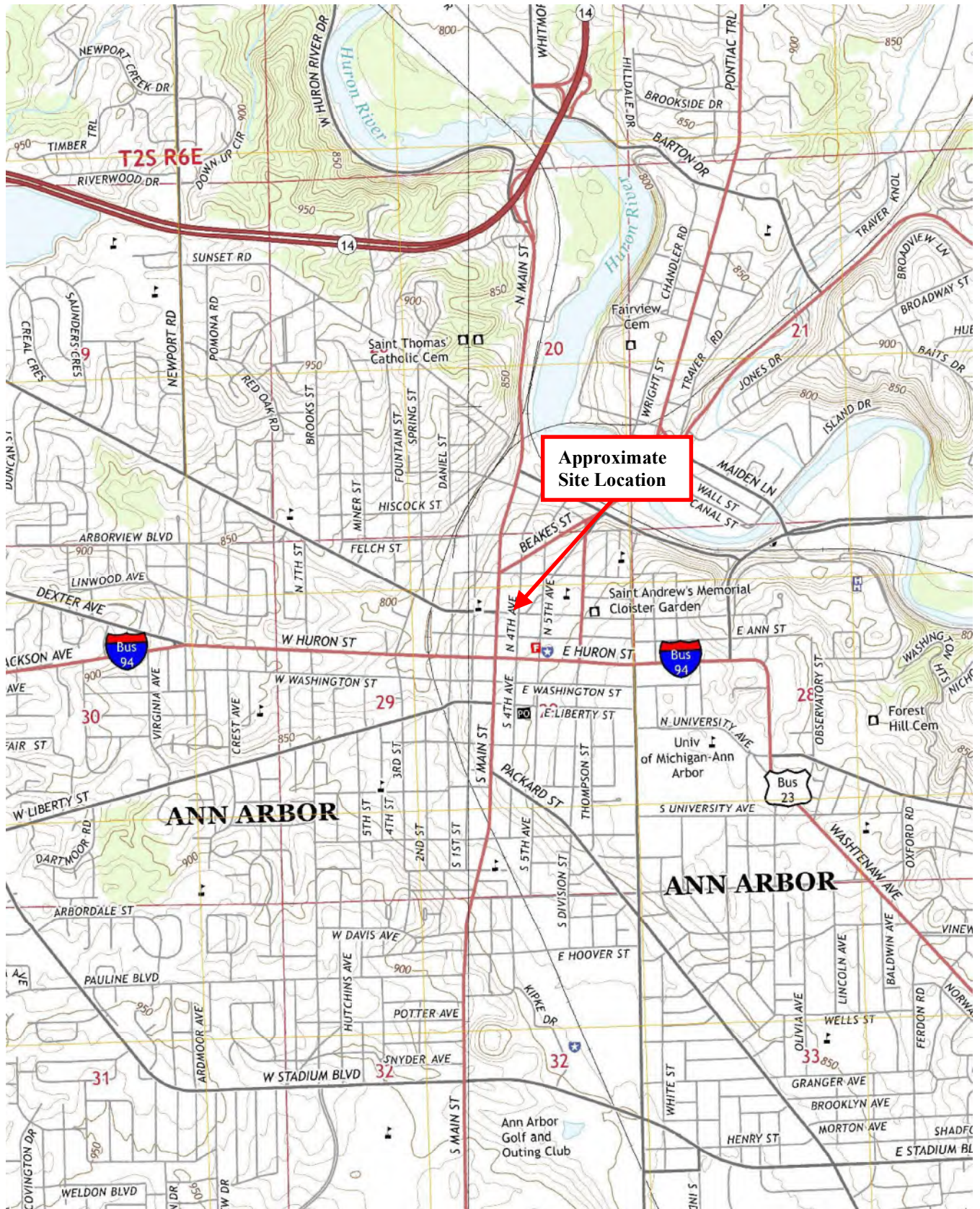


Figure 1: Site Location Map

121 E Catherine Street
 Ann Arbor, Michigan
 ECS Project A108-0014

Source: Ann Arbor East 2014 USGS Map




SECTION 10.2

**Figure 2: Aerial Site Map
Proposed Site Plans (client provided)**



Legend

 Approximate property boundary

> Phase II Environmental Site Assessment

**of the Property located at
121 East Catherine Street
Ann Arbor, Michigan 48104**

July 6, 2022
ECT No. 220400-0200

for
Downriver Community Conference
15100 Northline Road
Southgate, Michigan 48195

On behalf of
Avalon Housing and
Ann Arbor Housing Commission



1155 Brewery Park Boulevard, Suite 115
Detroit, Michigan 48207
www.ectinc.com

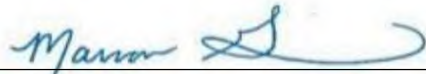
Document Review

The dual signatory process is an integral part of Environmental Consulting & Technology, Inc.'s (ECT's) Document Review Policy No. 9.03. All ECT documents undergo technical/peer review prior to dispatching these documents to any outside entity.

The environmental assessment described herein was conducted by the undersigned employees of ECT. ECT's investigation consisted solely of the activities described in the Introduction of this report, and in accordance with the Terms and Conditions of the Standard Consulting Services Agreement signed prior to initiation of the assessment, as applicable.

This document has been authored and reviewed by the following employees:

Maura Gibbons
Author


Signature

Dirk Mammen
Peer Review


Signature

July 5, 2022
Date

July 6, 2022
Date

Table of Contents

1.0	Introduction	1
1.1	Purpose	1
2.0	Background Information	2
2.1	Site Description	2
2.2	Proposed Development Plans.....	2
2.3	Phase I ESA Findings.....	2
2.4	Additional Investigations	2
3.0	Sampling Activities	3
3.1	Methods	3
3.1.1	Soil Sampling	3
3.1.2	Groundwater Sampling.....	4
3.1.3	Soil Gas Sampling.....	4
3.1.4	Quality Assurance/Quality Control	5
3.2	Analytical Laboratory Testing Program	5
4.0	Results.....	6
4.1	Soil Lithology and Hydrogeology	6
4.2	Soil Analytical Results	6
4.3	Groundwater Analytical Results.....	7
4.4	Soil Gas Analytical Results	7
4.5	Quality Assurance / Quality Control Results	8
5.0	Interpretations and Conclusions	9
6.0	References	10

Figures

- Figure 1 Site Overview
- Figure 2 Sample Locations

Tables

- Table 1 Soil Analytical Summary
- Table 2 Soil Gas Analytical Summary

Appendices

- Appendix A Soil Boring Logs
- Appendix B Soil Gas Field Logs
- Appendix C Analytical Laboratory Report for Soil Samples
- Appendix D Analytical Laboratory Report for Soil Gas Samples

List of Acronyms and Abbreviations

bgs	below ground surface
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
DC	direct contact
DCC	Downriver Community Conference
DW	drinking water
ECT	Environmental Consulting & Technology, Inc.
EGLE	Michigan Department of Environment, Great Lakes and Energy
EPA	Environmental Protection Agency
ESA	Environmental Site Assessment
FES	Fibertec Environmental Services
GSI	groundwater surface water interface
NREPA	Natural Resources and Environmental Protection Act, 1994 PA 451, as amended
PAH	polynuclear aromatic hydrocarbon
PCB	polychlorinated biphenyls
PCE	tetrachloroethene
PID	photoionization detector
ppm	part per million
QAPP	Quality Assurance Project Plan
RCRA	Resource Conservation and Recovery Act
REC	recognized environmental condition
SAP	Sampling and Analysis Plan
TCE	trichloroethene
TMB	trimethylbenzene
USGS	United States Geological Survey
UST	underground storage tank
ug/kg	micrograms per kilogram
ug/m ³	micrograms per cubic meter
VIAP	Volatilization to Indoor Air Pathway
VOC	volatile organic compound

1.0 Introduction

Environmental Consulting & Technology, Inc. (ECT) conducted a Phase II Environmental Site Assessment (ESA) at the single parcel (#09-09-29-135-001) addressed as 121 East Catherine Street, in Ann Arbor, Washtenaw County, Michigan (herein referred to as the Subject Property) for Downriver Community Conference (DCC) on behalf of Avalon Housing and the Ann Arbor Housing Commission. The Subject Property is currently developed as a paved parking lot and was historically commercially and light-industrially developed prior to approximately 1969. The Site Overview Map is provided as **Figure 1**. It is ECT's understanding that the proposed future use of the Subject Property is a multi-story, mixed-used residential and commercial complex.

1.1 Purpose

The purpose of the proposed Phase II ESA is to evaluate the presence or absence of environmental impact from two recognized environmental conditions (RECs) identified during a Phase I ESA that was conducted by Environmental Consulting Solutions, LLC on December 10, 2021.

This Phase II ESA report is intended to follow the ASTM International Standard E1903-19 (Standard Practice for Phase II Environmental Site Assessment Process). The purpose of ASTM E1903-19 is to conduct a Phase II ESA of a parcel of property with respect to the presence of, or the likely presence of substances, including but not limited to those required per the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA; 42 U.S.C. §9601) for documenting the assessment, scope, and the constraints on the conduct of the assessment process.

2.0 Background Information

2.1 Site Description

The Subject Property contains approximately 0.381 acres of land addressed as 121 East Catherine Street and is situated in Section 29, Township 2 South, Range 6 East, in Ann Arbor, Washtenaw County, Michigan. The Subject Property is currently developed as a paved parking lot and is owned by the City of Ann Arbor.

2.2 Proposed Development Plans

It is ECT's understanding that the proposed future use of the Subject Property is a six-story, mixed-used residential and commercial complex. Commercial retail businesses are proposed for the first stories and affordable housing units are proposed at the remaining stories.

2.3 Phase I ESA Findings

Environmental Consulting Solutions, LLC completed a Phase I ESA for the Subject Property, dated December 10, 2021. The Phase I ESA was prepared in general conformance with the scope and limitations of ASTM Practice E1527-13, E2600-15, and the 2021 Michigan State Housing Development Authority (MSHDA) Environmental Review Guidelines. The Phase I ESA identified the following recognized environmental conditions (RECs):

- **REC #1:** Former commercial/industrial uses at the Site, including a blacksmith, furniture factory, carpenter shop, and dairy (including potential underground fuel storage).
- **REC #2:** Several former commercial/industrial uses at the adjoining properties including a black smith, furniture factory, gas stations (including buried gas tanks), laundry/dry cleaners (including buried naphtha tanks), parking garage and auto glass repair.

The Site Overview Map is provided as **Figure 1** and depicts the above-mentioned features.

2.4 Additional Investigations

ECT is not aware of any additional investigations conducted at the Subject Property.

3.0 Sampling Activities

A Sampling and Analysis Plan (SAP) was prepared for the Subject Property by ECT and dated May 19, 2022, which provided an explanation of the proposed sampling activities, rationale, data quality objectives, data generation methodologies, and quality assurance measures in accordance with the Quality Assurance Project Plan for DCC dated January 2021. The proposed locations of the soil borings and/or vapor wells were slightly adjusted during field activities based on accessibility, subsurface refusals, and/or observations of soil conditions. The Sample Locations Map is provided as **Figure 2**.

3.1 Methods

The following methods and/or guidance were utilized during this Phase II ESA:

Activity	Method or Guidance
Decontamination	ECT SOP-4
Geoprobe Drilling	ASTM D-6282
Soil Sampling	ECT SOP-1 and EPA Method 5035
Soil Gas Sampling	EGLE Vapor Intrusion Pathway Guidance Document

3.1.1 Soil Sampling

On May 26, 2022, eight soil borings (notated as GP-01 through GP-08) were advanced in areas identified as RECs using direct-push drilling technologies. Soils were screened with a calibrated photoionization detector (PID), logged, and characterized by an environmental professional during field activities. The Soil Boring Logs are provided as **Appendix A**.

Three soil borings (GP-01 through GP-03) were advanced to a maximum depth of 10 feet below ground surface (bgs) throughout the footprints of the former structures at the Subject Property to evaluate subsurface conditions from historical commercial and industrial operations, such as the blacksmith shop, stove shop/storage, and the dairy/carpentry factory. One soil sample was collected from each boring at a shallow interval (above four feet bgs) to correspond with the likelihood of impact being derived from surficial spills. These soil samples were analyzed for volatile organic compounds (VOCs), polynuclear aromatic compounds (PAHs), and the Michigan Ten Metals using Environmental Protection Agency (EPA) Methods 8260, 8270, and 6020/7470, respectively.

Two soil borings (GP-04 and GP-05) were advanced to a maximum depth of 20 feet bgs surrounding the historical heater room with the potential of an underground fuel storage tank to evaluate subsurface conditions. One soil sample was collected from each boring at depths that would likely correspond with an underground storage tank (UST). As the content of the former underground fuel storage is unknown (i.e. leaded gasoline, kerosene, etc.), the soil samples were analyzed for VOCs, PAHs, and lead using EPA Methods 8260, 8270, and 6020, respectively.

Three soil borings (GP-06 through GP-08) were advanced to a maximum depth of 20 feet bgs along the eastern, southern, and western boundaries (one boring per boundary) to evaluate the potential environmental impact that may have migrated from the adjoining gasoline filling stations and/or dry cleaning operations. In the SAP, it was proposed that one groundwater sample would be collected from each boring. However, groundwater was not encountered; therefore, ECT collected soil samples from these borings to supplement the investigation. These soil samples were analyzed for VOCs, PAHs, and lead using EPA Methods 8260, 8270, and 6020, respectively.

3.1.2 Groundwater Sampling

No groundwater was encountered during the sampling event; therefore, no groundwater samples were collected.

3.1.3 Soil Gas Sampling

On May 26, 2022, four subsurface vapor points (notated as VP-01 through VP-04) were advanced using direct-push drilling technologies with the installation of vapor wells containing five-foot depth screens. The vapor wells were located in areas of applicable RECs, such as at the historic heating room and adjoining gasoline filling station and dry cleaning operations. In accordance with the Michigan Department of Environment, Great Lakes, and Energy (EGLE) guidance document dated May 2013 with amendments, ECT allowed 48 hours after vapor well installation before sampling the subsurface soil gas.

On May 31, 2021, ECT attempted to collect four soil gas samples from the vapor wells using the water dam leak method. One of the locations (VP-02) encountered perched water within the vapor well;

therefore, only three soil gas samples were successfully collected. These soil gas samples were analyzed for VOCs using EPA Method TO-15. The Soil Gas Field Logs are provided as **Appendix B**.

3.1.4 Quality Assurance/Quality Control

Environmental protocols consisting of equipment decontamination, sample preservation, and chain-of-custody documentation were followed during sampling activities. ECT adhered to the quality assurance objectives and procedures outlined in the SAP.

3.2 Analytical Laboratory Testing Program

Samples collected during Phase II ESA activities were submitted under chain-of-custody to the Fibertec Environmental Services (FES) analytical laboratory for quantitative analyses. The number of samples submitted for testing and the parameters evaluated are summarized in the table below:

Sample Identification Code	Area of Interest	Media	VOCs Method 8260	PAHS Method 8270	Lead Method 6020	MI Ten Metals Method 6020/7470	VOCs Method TO-15
AH-SB-GP-01 AH-SB-GP-02 AH-SB-GP-03	On-site historical commercial and industrial uses.	Soil	3	3	0	3	0
AH-SB-GP-04 AH-SB-GP-05	On-site potential underground fuel storage.	Soil	2	2	2	0	0
AH-SG-VP-02		Soil Gas (water in tubing)	0	0	0	0	0
AH-GW-GP-06 AH-GW-GP-07 AH-GW-GP-08	Potential migration from adjoining properties	Soil	3	3	3	0	0
AH-SG-VP-01 AH-SG-VP-03 AH-SG-VP-04		Soil gas	0	0	0	0	3
AH-TB-01	Trip blank	1 per cooler	1	0	0	0	0

4.0 Results

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

4.1 Soil Lithology and Hydrogeology

The Soil Boring Logs are provided as **Appendix A**. Below the pavement, brown, poorly graded sand was generally encountered to a depth ranging between six and 10 feet bgs. Below the sand layer, brown clay was encountered to approximately 15 feet bgs followed by dry, hard, brown-to-gray silty-clay to the maximum explored depth of 20 feet bgs.

Brick fragments were observed within the sand layer at borings GP-02 at 4.5' bgs and GP-05 at 9' bgs. Subsurface refusals were encountered at borings GP-02 at 5.5' bgs, GP-05 at 18' bgs, GP-07 at 15' bgs, and GP-08 at 13' bgs. It should be noted that three attempts were made in the vicinity of GP-02, in which a subsurface concentrate refusal was encountered at similar depths during each attempt.

An elevated PID reading of 395 ppm and a noxious odor were observed at boring GP-05 at 10' bgs; this evidence of impact observed appeared as a thin layer at this localized area. ECT did not observe any other indicators of environmental impact within the remaining borings. Lastly, no groundwater was encountered in any of the borings.

4.2 Soil Analytical Results

The Analytical Laboratory Report for Soil Samples is provided as **Appendix C**. The Soil Analytical Summary is provided as **Table 1** and compares the results to the EGLE Part 201 residential cleanup criteria and volatilization to indoor air pathway (VIAP) screening levels. A summary of the analytical soil results is presented below:

VOCs

VOCs, such as sec-butylbenzene, toluene, and xylenes, were detected in soil samples collected from borings GP-05 (10-11'), GP-07 (10-11'), and GP-08 (8-9'). However, none of the VOC concentrations exceed the cleanup criteria or VIAP screening levels.

PAHs

Various PAHs were detected in the soil samples collected from GP-01 (3-4') and GP-02 (3-4'). However, none of the PAH concentrations exceed the cleanup criteria or VIAP screening levels.

Metals

Arsenic was detected in the soil samples from GP-01 (3-4'), GP-02 (3-4'), and GP-03 (3-4') with concentrations ranging between 6,000 and 11,000 ug/kg. All three concentrations exceed the residential drinking water and groundwater-surface water interface cleanup criteria of 4,600 ug/kg. In addition, the concentration of arsenic at GP-01 (3-4') also exceeds the residential direct contact cleanup criterion of 7,600 ug/kg; it should be noted that this concentration is below the nonresidential direct contact cleanup criterion of 37,000 ug/kg.

Mercury (total) was detected in soil samples from GP-01 (3-4') and GP-02 (3-4') with concentrations of 160 ug/kg and 310 ug/kg, respectively. Both concentrations exceed the groundwater-surface water interface cleanup criterion of 50 ug/kg and the residential VIAP screening level of 22 ug/kg. Both concentrations are below the nonresidential VIAP screening level of 390 ug/kg.

Other metals were detected in the soil samples, but their concentrations were either below the cleanup criteria or the statewide default background level.

4.3 Groundwater Analytical Results

Groundwater was not encountered during the subsurface investigation; thus, no groundwater samples were collected.

4.4 Soil Gas Analytical Results

The Analytical Laboratory Report for Soil Gas Samples is provided as **Appendix D**. The Soil Gas Analytical Summary is provided as **Table 2** and compares the results to the residential and nonresidential EGLE VIAP screening levels. A summary of the analytical soil gas results is presented below:

VOCs

Several VOCs, such as chloroform, 1,3-dichlorobenzene, trans-1,2-dichloroethene, 1,1,2,2-tetrachloroethane, and tetrahydrofuran were detected in the soil gas samples. All concentrations were below the residential and nonresidential screening levels.

4.5 Quality Assurance / Quality Control Results

ECT submitted one quality assurance/quality control sample in the form of a trip blank; no VOCs were detected in the trip blank quality assurance sample. Due to the lack of groundwater samples collected during the investigation, no field blank quality assurance samples were submitted to the laboratory, and due to the limited scope of work involved in this Phase II ESA, no other quality assurance samples, such as field duplicates or matrix spike samples were deemed necessary in the SAP.

All samples were analyzed within their respective hold times. The results of the laboratory's qualifiers and control limits are included within the Analytical Laboratory Reports, provided as **Appendices C** and **D**. It is ECT's opinion that the laboratory's qualifiers do not impact the conclusions of this report.

5.0 Interpretations and Conclusions

Based on the results of the environmental site assessments completed at the Subject Property, ECT offers the following conclusions and opinions:

Soil

Arsenic and mercury were detected in soil samples with concentrations exceeding the EGLE Part 201 residential cleanup criteria and/or residential VIAP screening levels. More specifically, the arsenic concentration at GP-01 (3-4') exceeded the residential direct contact cleanup criteria, and the concentrations of mercury at GP-01 (3-4') and GP-02 (3-4') exceeded the residential VIAP screening level. Based on the exceedances of the Part 201 residential cleanup criteria, the Subject Property is considered a "facility" as defined by the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA).

Although arsenic and mercury concentrations also exceeded the drinking water protection and/or groundwater-surface water interface cleanup criteria, these pathways are considered *not* complete at the Subject Property because proposed development would be supported by municipal water and because there are no surface water bodies located within the immediate vicinity.

No other constituents of concern detected at the Subject Property exceeded the residential cleanup criteria, statewide default background levels, and/or VIAP screening levels. During field activities, ECT observed an elevated PID reading of 395 ppm in addition to the presence of noxious odor at GP-05 (10'); however, the observed impact appeared as a thin layer at this localized area.

Groundwater

Groundwater was not encountered with a maximum explored depth of 20 feet bgs.

Soil Gas

No detections of volatile organics at the Subject Property exceeded the residential VIAP screening levels. Therefore, there does not appear to have been a significant migration of sub-slab soil gas from the adjoining gasoline filling stations or dry cleaning operations.

6.0 References

ASTM International Standard E1903-19: Standard Practice for the Phase I Environmental Site Assessment Process, 2019.

Environmental Consulting Solutions, LLC, Phase I Environmental Site Assessment: Public Parking Lot, 121 East Catherine Street, Ann Arbor, Washtenaw County, Michigan, December 10, 2021.

Environmental Consulting & Technology, Inc. (ECT), Sampling and Analysis Plan for Phase II Environmental Site assessment: 121 East Catherine Street, Ann Arbor, Michigan 48104, May 19, 2022.

ECT, Quality Assurance Project Plan: United States Environmental Protection Agency Brownfield Grant Program: Grant Number BF-00E02888, January 2021.

Remediation and Redevelopment Division, Cleanup Criteria Requirements for Response Activity, R 299.44 Generic groundwater cleanup criteria, Table 1. Groundwater: Residential and Nonresidential Part 201 Generic Cleanup Criteria and Screening Levels, pages 36-44, effective December 30, 2013, revised August 3, 2020.

Remediation and Redevelopment Division, Cleanup Criteria Requirements for Response Activity, R 299.46 Generic soil cleanup criteria for residential category, Table 2. Soil: Residential Part 201 Generic Cleanup Criteria and Screening Levels, pages 48-68, effective December 30, 2013, revised June 25, 2018.

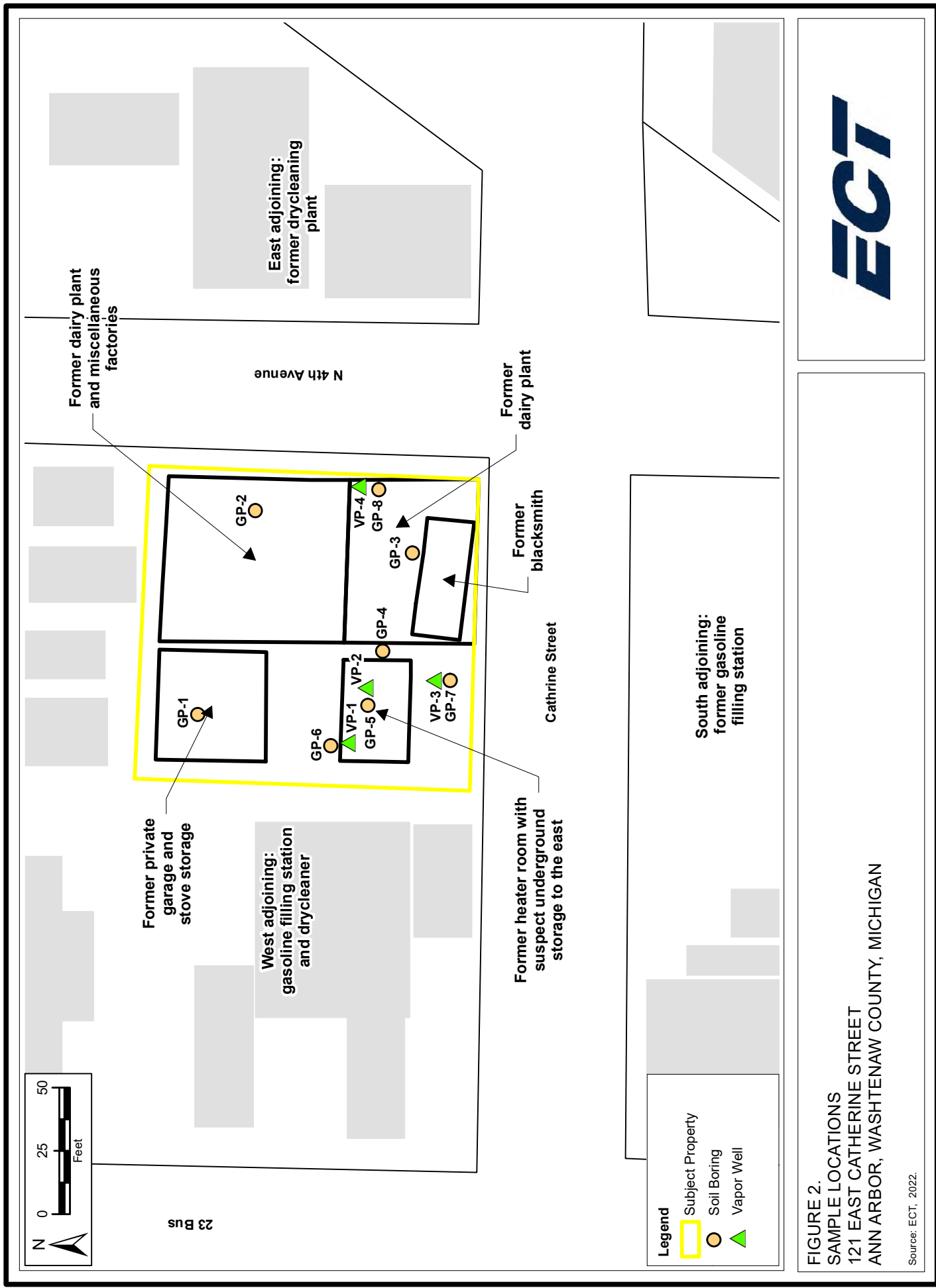
Figures



FIGURE 1.
SITE OVERVIEW
121 EAST CATHERINE STREET
ANN ARBOR, WASHTENAW COUNTY, MICHIGAN

Sources: Washtenaw Co. Imagery, 2020; ECT, 2022.





Tables

Table 2. Soil Gas Analytical Summary
121 East Catherine Street, Ann Arbor, Michigan

Matrix: Subslab Soil Gas

Cleanup Criteria: Residential and Nonresidential

	Chemical Abstract Service Numbers	VIAP Screening Levels (September 2020)		Sample Locations			
		Residential Soil Vapor	Nonresidential Soil Vapor	AH-SG- VP-01 5/31/22	AH-SG- VP-02 5/31/22	AH-SG- VP-03 5/31/22	AH-SG- VP-04 5/31/22
VOC, ug/m³ - Method TO-15							
Chloroform	67663	37	87	15	ns	22	9.7
1,3-Dichlorobenzene	541731	100	150	nd	ns	nd	57
trans-1,2-Dichloroethene	156605	2,800	4,100	52	ns	38	25
1,1,2,2-Tetrachloroethane	79345	15	34	nd	ns	nd	3.7
Tetrahydrofuran	109999	70,000	100,000	nd	ns	6.8	6.4
Other VOCs	varies	NL	NL	nd	ns	nd	nd

Notes: NA = not available
 nd = not detected
 NL = not listed in the VIAP source tables
 ns = not sampled due to water in tubing



> **Phase I Environmental Site Assessment
of the Property located at
121 East Catherine Street
Ann Arbor, Michigan 48104**

March 29, 2023
ECT No. 230172-0100

for
Avalon Housing
1327 Jones Drive
Ann Arbor, Michigan 48105
&
Ann Arbor Housing Commission
727 Miller Ave,
Ann Arbor, Michigan 48103



2200 Commonwealth Blvd, Ste. 300
Ann Arbor, MI 48105
734-769-3004

March 29, 2023
ECT No. 230172-0100

Mr. Donald Wesley
Avalon Housing
1327 Jones Drive
Ann Arbor, Michigan 48105

**Re: Phase I Environmental Site Assessment
121 East Catherine Street
121 East Catherine Street
Ann Arbor, Michigan**

Dear Mr. Wesley

Environmental Consulting & Technology, Inc. (ECT) is pleased to provide this Phase I Environmental Site Assessment (ESA) for the above-referenced property. This assessment was performed in accordance with the ASTM Standard Practices for Environmental Site Assessment: Phase I Environmental Site Assessment Process (E1527-13). We appreciate the opportunity to work with you. Please feel free to contact us at 734-769-3004 should you have any questions concerning this report, or if we may assist you in any other matter.

Sincerely,

Environmental Consulting & Technology, Inc.



Jessica Philips
Technical Writer



Nicole Rockentine
Geologist, RG

PROJECT SUMMARY TABLE

**121 East Catherine Street
Ann Arbor, Washtenaw, Michigan**

Report Section		None	REC	CREC	HREC	DMC	Comments
3.0	Site Description	✓					
4.0	User Provided Information	✓					
5.1	Standard Environmental Record Sources		✓	✓			REC #1: Historical commercial and industrial use of the Subject Property REC #2: Current and historical commercial and industrial use of adjacent properties CREC #1: Regional groundwater AUL
5.2	Additional Environmental Record Sources		✓				REC#2: See above CREC #1 See above
5.4	Historical Use Information		✓				REC #1: See above REC #2: See above
6.4.1	Drains, Sumps, Clarifiers, or Pools of Liquid	✓					
6.4.2	Electrical or Hydraulic Equipment Likely to Contain Fluids	✓					
6.4.3	Other Field Observations	✓					
7.0	Interviews		✓				REC #1: See above

Table of Contents

1.0	Executive Summary	1
1.1	Summary and Conclusions	1
1.1.1	Findings and Opinions	1
1.1.2	Conclusions	2
1.2	Identified Data Gaps	3
1.3	Identified Liens or Activity and Use Limitations	3
2.0	Introduction	4
2.1	Purpose	4
2.2	Detailed Scope of Services	5
2.3	Significant Assumptions	5
2.4	Limitations and Exceptions	5
2.5	Special Terms and Conditions	6
2.6	User Reliance	6
3.0	Site Description	7
3.1	Location and Legal Description	7
3.2	Site and Vicinity General Characteristics	7
3.3	Current Use of the Property	7
3.4	Descriptions of Structures, Roads, Other Improvements on the Site	7
3.4.1	General Descriptions of Structures	7
3.4.2	Roads	7
3.4.3	Heating/Cooling System	7
3.4.4	Potable Water Supply	8
3.4.5	Sewage Disposal System	8
3.5	Current Uses of the Adjoining Properties	8
4.0	User Provided Information	9
4.1	Title Records	9
4.2	Environmental Liens or Activity and Use Limitations	9
4.3	Specialized Knowledge	9
4.4	Commonly Known or Reasonably Ascertainable Information	10
4.5	Valuation Reduction for Environmental Issues	10
4.6	Owner, Property Manager, and Occupant Information	10
4.7	Reason for Performing Phase I ESA	10

4.8	Other	10
5.0	Records Review	12
5.1	Standard Environmental Record Sources	12
5.1.1	Database Finding Summary	12
5.1.2	Subject Property Listings	14
5.1.3	Surrounding Properties	15
5.1.4	Unmappable Properties	16
5.2	Additional Environmental Record Sources	17
5.2.1	State Environmental Agency	17
5.2.2	Oil and Gas Pipelines/Wells	18
5.2.3	Mining and Mineral Exploration	18
5.3	Physical Setting	18
5.4	Historical Use Information	19
5.4.1	Historical Use of the Subject Property	20
5.4.2	Historical Use of Adjoining Properties	22
6.0	Site Reconnaissance	25
6.1	Methodology and Limiting Conditions	25
6.2	General Site Setting	25
6.3	Subject Property Reconnaissance Summary	25
6.4	Exterior Observations	26
6.4.1	Drains, Sumps, Clarifiers, or Pools of Liquid	26
6.4.2	Electrical or Hydraulic Equipment Likely to Contain Fluids	26
6.4.3	Other Field Observations	26
6.5	Interior Observations	26
7.0	Interviews	27
7.1	Interview with Owner	27
7.2	Interview with Site Manager	27
7.3	Interview with Occupants	27
7.4	Interviews with Local Government Officials	27
7.5	Interviews with Others	28
8.0	Evaluation and Report Preparation	29
8.1	Findings	29
8.2	Opinion	30
8.3	Additional Investigation	30
8.4	Data Gaps	30
8.5	Conclusions	31

8.6	Additional Services	31
8.7	Limiting Conditions	31
8.8	References	32
8.9	Signature(s) of Environmental Professional(s)	33
8.10	Qualification(s) of Environmental Professional(s)	33
9.0	Non-Scope Considerations	34
9.1	Friable and Non-friable Asbestos Containing Materials (ACMs)	34
9.2	Lead-Based Paint	34
9.3	Radon Gas	34
9.4	Special Flood Hazard Area	35
9.5	Wetlands	35
9.6	Electromagnetic Fields	35
9.7	High Pressure Buried Gas Lines	35
9.8	Noise Analysis	35
9.9	Vapor Encroachment Screen	36
9.10	Aboveground Storage Tanks	37
9.11	Development Site Plans	37

Appendices

Appendix A	Figures
Appendix B	Site Photographs
Appendix C	Historical Research Documentation
Appendix D	Environmental Database Report
Appendix E	User Provided Information
Appendix F	Interview Documentation
Appendix G	Non-Scope Items
Appendix H	Qualification(s) of the Environmental Professiona(s)
Appendix I	MSHDA Phase I Letter of Reliance
Appendix J	Copy of Environmental Professional Insurance Certificates

MSHDA Phase I Summary Cover Sheet

Project Name:	121 East Catherine Street		
Project Address:	121 East Catherine Street, Ann Arbor, MI 48104		
Sponsors Name:	Wendy Carty-Saxon	Sponsor E-mail:	wcarty-saxon@avalonhousing.org
Consulting Firm:	Environmental Consulting & Technology, Inc. (ECT)		
Consultant Phone:	(248)790-2622	E-mail:	nrockentine@ectinc.com
Consultant Project #:	230172-0100	Report Date:	March 28, 2023

Additional Site Info (please complete if known)			
Site area:	0.381 (acres)	# Units planned:	
Vacant land:	<input checked="" type="checkbox"/> Parking lot	Developed:	<input type="checkbox"/>
# Vacant structure(s):		If developed, # existing buildings:	
		Date(s) of construction for existing structures:	
Single Site:	<input checked="" type="checkbox"/>	Scattered sites:	<input type="checkbox"/>
		If scattered, # sites:	
Rehab of existing structure(s):	<input type="checkbox"/>	New Construction <u>with</u> planned demolition of existing structure(s):	<input type="checkbox"/>
Adaptive Re-Use:	<input type="checkbox"/>	New Construction <u>without</u> planned demolition of existing structure(s):	<input type="checkbox"/>
No physical changes planned:	<input type="checkbox"/>	Comments:	Remove existing parking lot before new construction

Please answer all questions below, noting the appropriate page or appendix in your report that contains the supporting documentation. **Summary Cover Sheets containing unknown or incomplete responses will not be processed and will be returned for correction.**

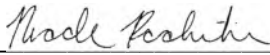
a.	RECs - The Phase I ESA revealed a REC(s) (see Sec. IV)?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
b.	The site contains a wetland area(s) (see Sc IV, H.5)?	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
c.	The site or a portion of the site is in the Special Flood Hazard Area (100-year floodplain) (see Sec. IV, H.4)?	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
d.	Is the site within close proximity (300' property line to property line) of an active industry ? (see Sec. IV, D)?	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
	If yes, was the required separate active industry assessment report completed?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
e.	The site contains a UST(s) (see Sec. IV, I)?	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
f.	This site contains a AST(s) (see Sec. IV, I)?	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
g.	EMF - There are high power electrical transmission lines within 100 yds. of the subject site (see Sec. IV, H.6)?	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
h.	HP GAS - There are buried high-pressure gas transmission lines (4" in diameter and 400 psi or greater) within 1,000 feet of the subject site (see Sec. IV, H.7):	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
i.	NOISE - The subject site is near a busy roadway or within 1,000 feet of a limited access freeway or 3,000 feet of a rail line, or within 15 miles of an airport (see Sec. IV, H.8):	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	If yes, was a HUD noise assessment performed?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
j.	ASBESTOS – An ASTM 2356-18 compliant asbestos survey is required for	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>

	every MSHDA renovation/remodeling project, regardless of the date of construction. Was a NESHAP-compliant asbestos survey performed for this renovation/remodeling project (see Sec. IV, H.1)?				
	If yes, were ACM identified?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
k.	LEAD - For structures built before 1978, a combination lead Risk Assessment/Inspection satisfying state and federal requirements is required. Was a combination lead Risk Assessment/Inspection performed (see Sec. IV, H.2)? <input type="checkbox"/>	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
	Not required (<i>Post-1977 date of construction</i>)	<input type="checkbox"/>			
	If yes, was Lead Paint or Lead Hazards identified?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
l.	RADON - For developments in Michigan counties where 25% or more homes tested equal to or above the EPA action level of 4.0 pCi/L, as depicted by the Michigan EGLE radon map (<i>Barry, Berrien, Branch, Calhoun, Cass, Clinton, Dickinson, Easton, Hillsdale, Ionia, Iron, Jackson, Kalamazoo, Lapeer, Lenawee, Livingston, Monroe, Oakland, Otsego, Ottawa, St. Joseph, Shiawassee, Tuscola and Washtenaw</i>) was a radon assessment conducted by a Radon Professional was performed (see Sec. IV, H.3)?	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
	Not required, not in >25% county.	<input type="checkbox"/>			
	If yes, was Radon above EPA action level?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
m.	A "Recorded Land Records" search performed (see Sec. IV, C)?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
n.	A Phase II investigation is required (see Sec. V)?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
o.	A Tier I and non-invasive Tier II Vapor Encroachment Screen were performed (see Sec. IV, H.)?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
p.	If yes, was a Vapor Encroachment Condition (VEC) identified and an invasive Tier II investigation is recommended (see Sec. IV, H.9)?	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>

2. Report Documentation Check List. If any of the responses below are "NO," do not submit report.

- a. MSHDA Phase I Letter of Reliance completed? Yes No
- b. User's Disclosure Statement completed? Yes No
- c. Compliant ACORD 25 Certificate of insurance included? Yes No
- d. FEMA Flood Plain Map Included? Yes No
- e. Fire Insurance Maps or No Coverage Letter Included? Yes No
- f. Development Site Plan Included? Yes No
- g. Site boundaries indicated on all maps and photos? Yes No
- h. Unsecured PDF version of report uploaded to MSHDA Sharepoint, or a CD/flash drive with PDF has been included? Yes No
- i. For sites with nearby or adjoining industrial uses, has a separate evaluation report been included (Section IV.D)? Yes No N/A

I represent that this Summary Cover Sheet accurately reflects the environmental information contained in the above captioned document.

 /03/29/2023 Nicole Rockentine
 Signature of Environmental Professional Date Print or Type Legal Name

1.0 Executive Summary

1.1 **Summary and Conclusions**

Environmental Consulting & Technology, Inc. (ECT) was retained by Avalon Housing (the Client) to conduct a Phase I ESA in conformance with the scope and limitations of the ASTM Standard Practice for Environmental Site Assessment: Phase I Environmental Site Assessment Process (E1527-21) and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) for the property located at 121 East Catherine Street in Ann Arbor, Washtenaw County, Michigan. Any exceptions to, or deletions from, this practice are described in [Section 1.2](#) and [Section 8.7](#) of this report.

The Subject Property currently consists of one parcel of land totaling approximately 0.381 acres, developed with an asphalt-paved parking lot. A USGS Topographic Map is provided as [Figure 1](#) and a Subject Property Overview is provided as [Figure 2](#). Any RECs identified as part of this assessment are depicted on [Figure 3](#) unless otherwise noted.

1.1.1 **Findings and Opinions**

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

- **REC #1:** According to a review of historical sources, the Subject Property was formerly developed with commercial and industrial uses including a blacksmith, furniture factory, carpenter shop, dairy company with potential fuel storage, auto storage, and private garage. Based on the historical property usage, there is the potential for handling and storage of hazardous materials and or petroleum products. Given the historical use and potential for onsite hazardous material or petroleum product storage or handling, the former commercial and industrial use of the Subject Property represents a REC.

REC #2: According to a review of historical sources, adjacent properties were formerly developed with commercial and industrial uses including a blacksmith, garment manufacturing, current and former gas stations with underground storage tanks, and current and former laundry/dry cleaners. There is the potential for handling and storage of hazardous materials and petroleum products at the adjacent properties. Given the current and historical use and the potential for hazardous material or petroleum product storage or handling, the former commercial and industrial use of adjacent properties represents a REC.

- **CREC #1:** The Gelman Site is an area of groundwater contamination in Washtenaw County that includes portions of the City of Ann Arbor, and Scio Township. The groundwater is contaminated with the industrial solvent 1,4-dioxane (dioxane). The contamination plume encompasses a total area that is approximately 1 mile wide and 4 miles long. From 1966 until 1986, Gelman Sciences, Inc. manufactured medical filters using dioxane in the manufacturing process. In 1985, dioxane was discovered in residential drinking water wells in the area. EGLE with assistance from the Washtenaw County Health Department has been tracking the plume and overseeing investigation and remediation activities at the site for over 30 years. An initial boundary prohibiting the use of groundwater was issued in March 2011 and expanded in 2021. The Subject Property is not located within the groundwater plume but does fall within the prohibition zone boundary. Based on the issuance of the groundwater use prohibition in the area of the Subject Property, this activity and use limitation represents a CREC.

1.1.2 Conclusions

Ms. Nicole Rockentine, Environmental Professional, has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-13 and the 30 CFR 312 (All Appropriate Inquiry) of the Subject Property, located at 121 East Catherine Street in Ann Arbor, Washtenaw County, Michigan. Any exceptions to, or deletions from, this practice are described in Section 2.5 of this report. **This assessment has revealed no evidence of RECs, CRECs, and/or SDGs, with the exception of the following:**

- **REC #1:** Former commercial and industrial uses at the Subject Property, including a blacksmith, furniture factory, carpenter shop, dairy company with potential fuel storage, auto storage, and private garage.
REC #2: Several former commercial/industrial uses at the adjoining properties including a blacksmith, garment manufacturing, current and former gas stations with underground storage tanks, and current and former laundry/dry cleaners.
- **CREC #1:** The Subject Property is located in a groundwater use prohibition zone due to regional groundwater contamination.

1.2 **Identified Data Gaps**

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

A data gap is defined by ASTM E1527-21 as a lack or inability to obtain information required by the practice despite good faith efforts by the Environmental Professional to gather such information. Data gaps may result from incompleteness in any of the activities required by the practice, including, but not limited to the site reconnaissance and interviews.

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

- The earliest historical resource obtained during this assessment was a Sanborn fire insurance map from 1888 indicated the Subject Property was developed with a furniture factory and blacksmith shop. The lack of historical sources for the Subject Property dating back to the first developed use represents a historical source data failure. Refer to Section 5.2 for a discussion on the Subject Property history.

1.3 **Identified Liens or Activity and Use Limitations**

ECT did not identify any liens or activity use limitations associated with the Subject Property; however, the Subject Property falls within a groundwater use prohibition zone. Refer to [Section 5.2](#).

2.0 Introduction

This report documents the methods and findings of the Phase I ESA performed in conformance with the scope and limitations of ASTM Standard Practice E1527-13 and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR 312) for the property located at 121 East Catherine Street in Ann Arbor, Washtenaw County, Michigan.

2.1 Purpose

The purpose of ASTM Practice E1527-13 is to define good commercial and customary practice in the United States of America for conducting an environmental site assessment of commercial and real estate with respect to the range of contaminants within the scope of the CERCLA (42 U.S.C. §9601) and petroleum products. Any exceptions to, or deletions from, this practice are described in [Section 1.2.2](#) and [Section 8.7](#) of this report.

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

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

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

A *de minimis* condition is a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* conditions are not current, historical, or controlled RECs.

2.2 Detailed Scope of Services

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

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

2.3 Significant Assumptions

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

2.4 Limitations and Exceptions

The opinions and recommendations presented in this report are based upon the scope of services, information obtained through the performance of the services, and the schedule as agreed upon by ECT and the party for whom this report was originally prepared. This report is an instrument of professional service and was prepared in accordance with the generally accepted standards and level of skill and care under similar conditions and circumstances established by the environmental consulting industry. No representation, warranty, or guarantee, expressed or implied, is intended or given. To the extent that ECT relied upon any information prepared by other parties not under contract to ECT, ECT makes no representation as to the accuracy or completeness of such information. This report is expressly for the sole and exclusive use of the party for whom this report was originally prepared for a particular purpose. Only the party for whom this report was originally

prepared and/or other specifically named parties have the right to make use of and rely upon this report. Reuse of this report or any portion thereof for other than its intended purpose, or if modified, or if used by third parties, shall be at the user's sole risk.

The findings presented in this report apply solely to site conditions existing at the time when ECT's assessment was performed. It must be recognized, however, that an ESA is intended for the purpose of determining the potential for contamination through limited research and investigative activities and in no way represents a conclusive or complete site characterization. Conditions in other parts of the Subject Property may vary from those at the locations where data were collected. ECT's ability to interpret investigation results is related to the availability of the data and the extent of the investigation activities. As such, 100 percent confidence in ESA conclusions cannot reasonably be achieved.

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

2.5 Special Terms and Conditions

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

2.6 User Reliance

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

3.0 Site Description

3.1 Location and Legal Description

The Subject Property is situated along the north side of Catherine Street and west side of North Fourth Street, in the City of Ann Arbor, Washtenaw County, Michigan. Comprised of one parcel (#09-09-29-135-001), the Subject Property contains approximately 0.381 acres of land. Provided by the City of Ann Arbor's online property records, the legal description for the parcel is below:

LOT 27 ASSESSORS PLAT NO 29

The Parcel Records are included in the appendices ([Interview Documentation](#)).

3.2 Site and Vicinity General Characteristics

The Subject Property is located within the downtown area of the City of Ann Arbor. The surrounding area of the Subject Property is comprised predominantly of commercial development, both multi-tenant and stand alone structures. Multi-tenant and single family residences are present approximately 400 feet to the north and 600 feet to the east of the Subject Property. The Site and Surrounding Properties Map is provided in [Figure 2](#).

3.3 Current Use of the Property

The Subject Property is currently developed as a municipal parking lot which is owned and operated by the City of Ann Arbor.

3.4 Descriptions of Structures, Roads, Other Improvements on the Site

3.4.1 General Descriptions of Structures

The Subject Property has no enclosed structures. A solar powered electrical charging station is present in the northwest corner of the Subject Property.

3.4.2 Roads

The Subject Property can be accessed from North Fourth Avenue or the alley adjacent to the west.

3.4.3 Heating/Cooling System

No heating and cooling systems are present on the Subject Property.

3.4.4 Potable Water Supply

The Subject Property has no potable water present.

3.4.5 Sewage Disposal System

No sewage disposal system is present on the Subject Property

3.5 Current Uses of the Adjoining Properties

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

DIRECTION	OCCUPANT(S)/USE(S)	REGULATORY DATABASE LISTING(S)
North	Multi-tenant commercial properties: 313-319 Braun Court	None
Northeast	Fourth Avenue followed by Ann Arbor Farmers Market: 312 N Fourth Avenue, 315 Detroit Street	None
East	Fourth Avenue followed by multi-tenant commercial properties: 303 Detroit Street, 201 Catherine Street	303 Detroit Street: FINDS/FRS, RCRA NON GEN, WASTE 201 Catherine Street: WASTE
Southeast	Fourth Avenue and Catherine Street intersection followed by Sculpture Plaza	None
South	Catherine street followed by municipal parking lot: 219 North 4th Avenue	None
Southwest	Washtenaw County Administrative building: 220 North Main Street	None
West	BP Gas Station: 300 North Main Street Eureka Cleaners: 308 North Main Street Vacant Commercial building: 109-111 Catherine Street	300 North Main Street: BEA, FINDS/FRS, LUST, RCRA NON GEN, UST, WASTE 308 North Main Street: DRYCLEANERS, FED DRYCLEANERS, FINDS/FRS, RCRA VSQG, WASTE
Northwest	Multi-tenant commercial building: 320 North Main Street	BEA (Incorrectly plotted)

Refer to [Section 5.1](#) for a discussion of regulatory database listings.

4.0 User Provided Information

This section identifies information provided by the User, Avalon Housing. The completed User Questionnaire Form was completed by Ms. Wendy Carty-Saxon, Director of Real Estate Development. A copy of the completed form is included in the appendices ([User Provided Information](#)).

4.1 Title Records

A chain of title or title abstract was not provided.

According to the City of Ann Arbor's online property records, the Subject Property is owned by the City of Ann Arbor.

4.2 Environmental Liens or Activity and Use Limitations

The User representative was not aware of any environmental cleanup liens against the Subject Property that are filed or recorded under federal, tribal, state, or local law. The User representative did not identify any activity or land use limitations, such as engineering controls, land use restrictions or institutional controls that are in place at the Subject Property and/or have been filed or recorded in a registry under federal, tribal, state or local law.

Additionally, ECT reviewed the Michigan Department of Environment, Great Lakes, and Energy (EGLE) Remediation and Redevelopment Division (RRD) Perfected Lien List, updated on March 28, 2023. The Subject Property is not included on the list.

An evaluation of the EGLE Environmental Mapper online database did not identify any AULs associated with the Subject Property; however, an order prohibiting the groundwater use due to regional groundwater contamination encompasses the Subject Property. Refer to [Section 5.2](#) for a discussion on the groundwater use prohibition.

4.3 Specialized Knowledge

The User representative did not have any knowledge or experience related to the Subject Property or nearby properties that could be material to any environmental conditions of this property.

4.4 Commonly Known or Reasonably Ascertainable Information

The User representative was not aware of any commonly known or reasonably ascertainable information about the Subject Property that would aid in identifying conditions indicative of releases or threatened releases.

4.5 Valuation Reduction for Environmental Issues

The User representative stated that due to the County's commitment to affordable housing, they are offering the Subject Property to the User for below market value. However, the User representative was not aware of any valuation reduction due to environmental issues associated with the Subject Property.

4.6 Owner, Property Manager, and Occupant Information

The Subject Property is currently owned and operated by the City of Ann Arbor as a municipal parking lot.

4.7 Reason for Performing Phase I ESA

According to the User, this Phase I ESA was conducted to fulfill due diligence requirements associated with a prospective property redevelopment as well as MSHDA requirements associated with potential MSHDA funding.

4.8 Other

The User provided the following environmental reports:

Phase I Environmental Site Assessment prepared by Environmental Consulting Solutions dated December 10, 2021

At the time of the Phase I assessment, the Subject Property was developed as a parking lot. The findings of the report identified two RECs.

- Historic resources (i.e. Sanborn Maps, city directories) have identified several former commercial/industrial uses at the Site including: a blacksmith, furniture factory, carpenter shop, and dairy (including potential underground fuel storage). Improper use, storage and handling of petroleum products and other chemicals associated with historic site use have the potential to negatively impact the Site.

- Historic resources (i.e. Sanborn Maps, city directories) have identified several former commercial/industrial uses at the adjoining properties including: a black smith, furniture factory, gas stations (including buried gas tanks), laundry/dry cleaners (including buried naphtha tanks), parking garage and auto glass repair. Improper use, storage and handling of petroleum products and other chemicals associated with historic adjoining property use have the potential to negatively impact the Site.

Phase II Environmental Site Assessment prepared by ECT dated July 6, 2022

Based on the findings of the Phase I ESA, a Phase II was conducted to evaluate the identified RECs utilizing Brownfield grant funds. A total of eight soil borings and four subsurface vapor points were advanced at the Subject Property for the collection of soil, groundwater, and soil vapor samples. Groundwater was not encountered in any of the borings. As a result, only soil and soil vapor samples were collected. The results of the soil analysis identified arsenic and mercury at concentrations exceeding the EGLE Part 201 residential cleanup criteria. Based on the exceedances of the Part 201 residential cleanup criteria, the Subject Property is considered a "facility" as defined by the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended.

Information obtained from the above prior environmental report(s) may have been used for guidance of the site reconnaissance portion of this Phase I ESA; however, no prior reports were relied upon without the completion of a new site reconnaissance.

Copies of the prior environmental reports are included in [User Provided Information](#).

5.0 Records Review

5.1 Standard Environmental Record Sources

5.1.1 Database Finding Summary

ECT contracted Environmental Risk Information Services (ERIS) to conduct a search of publicly available information from federal, state, tribal, and local environmental record sources in accordance with ASTM E1527-21. Data gathered during the regulatory database search is compiled by ERIS into a government records report (i.e., database report). This government records report, dated March 6, 2023, was reviewed by ECT on March 7, 2023.

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

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

The database report, which includes a search of standard and additional record sources, identified the following hits for the Subject Property and/or surrounding area.

For full details pertaining to the databases searched, refer to the database report included in the appendices ([Environmental Database Report](#)).

Regulatory Report Summary

Database	Search Radius	Target Property	Within 0.12mi	0.12mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
ALT FUELS	0.25	1	9	4	-	-	14
AUL	0.5	1	1	1	0	-	3
BEA	1.0	0	18	10	37	67	132
BFLD REDEV	0.5	0	3	2	1	-	6
BFLD UST	0.5	0	0	0	2	-	2
BROWNFIELDS	0.5	0	0	17	0	-	17
CERCLIS	0.5	0	0	0	1	-	1
DELISTED CONTAM	1.0	0	0	0	0	1	1
DELISTED LUST	0.5	0	1	0	0	-	1
DELISTED SHWS	1.0	0	0	1	4	5	10
DRYCLEANERS	0.25	0	1	0	-	-	1
UST	0.25	0	5	12	-	-	17
WASTE	0.5	0	17	34	63	-	114
FED BROWNFIELDS	0.5	1	1	1	5	-	8
FED DRYCLEANERS	0.25	0	1	0	-	-	1
FINDS/FRS	0.02	0	3	-	-	-	3
FUJDS	1.0	0	0	0	0	1	1
LUST	0.5	0	5	10	13	-	28
MRDS	1.0	0	0	1	0	0	1
RCRA NON GEN	0.25	0	7	11	-	-	18
RCRA SQG	0.25	0	1	1	-	-	2
RCRA VSQG	0.25	0	4	6	-	-	10
SHWS	1.0	0	3	6	20	26	55
SPILLS	0.125	0	1	-	-	-	1

5.1.2 Subject Property Listings

The Subject Property was listed on the following regulatory databases.

Subject Property Summary

Database	Site Name	Address	Dist. (mi) / Dir.	Elev. diff. (ft)	Comments
AUL	Gelman Sciences Inc	600 South Wagner Road, Scio Township, MI, 48103	0.00/W	0.0	See Below
ALT FUELS	Ann Arbor Downtown Development Authority - Catherine and Fourth Surface Lot	121 Catherine St, Ann Arbor, MI, 48104	0.00/SE	0.0	See Below
FED BROWNFIELDS	121 E. Catherine St	121 East Catherine Street, Ann Arbor, MI, 48104	0.00/SE	0.0	See Below

Gellman Services - 600 South Wagner Road: The AUL database listing identified an order prohibiting groundwater use surrounding the Subject Property due to contamination emanating from the former Gelman Sciences facility in Scio Township, Michigan. Based on information available from EGLE, the plume is located approximately 0.56 miles west of the Subject Property; however, the Subject Property is located in the prohibition zone. This regional groundwater contamination is discussed further in [Section 5.2](#).

Ann Arbor Downtown Development Authority - Catherine and Fourth Surface Lot: The ALT FUELS database listing is in relation to a solar powered electrical charging station added to the northwest corner of the Subject Property in 2018. Due to the nature of the listing, the solar powered electrical charging station does not present an environmental concern.

121 E. Catherine Street: A Phase II ESA was conducted on the Subject Property utilizing Brownfield grant funds in 2022 to address RECs identified from a 2021 Phase I ESA. Refer to [Section 4.8](#) for a discussion on prior environmental reports.

5.1.3 Surrounding Properties

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

Surrounding Properties Summary

Database	Site Name	Address	Dist. (mi) / Dir.	Elev. diff. (ft)	Comments
WASTE	Vlasic & Co	201 E CATHERINE ST, ANN ARBOR, MI, 48104	0.01/ENE	-1.0	Based on the lack of violations or releases, not an environmental concern
FINDS / FRS, RCRA NON GEN, WASTE	303 Detroit Street LLC, Market Place	303 DETROIT ST, ANN ARBOR, MI, 48104	0.02/E	-2.0	Based on the lack of violations or releases, not an environmental concern
BEA, FINDS / FRS, RCRA NON GEN, WASTE, US, LUST, SPILLS	Amoco Oil Co, University Fuel Mart	300 N MAIN ST, ANN ARBOR, MI, 48104	0.02/W	2.0	See below
RCRA VSQG, FINDS/FRS, FED DRYCLEANERS, WASTE	JNJ Cleaners, Eureka Cleaners	308 N MAIN ST, ANN ARBOR, MI, 48104	0.02/WNW	0.0	See below
BEA	320 North Main & 301 North East Streets	320 N MAIN & 301 N EAST STREETS, ANN ARBOR, MI 48104	0.02/WNW	-1	This site is incorrectly plotted and is located in Chelsea, Michigan, as confirmed by EGLE records.

Amoco Oil Co/University Fuel Mart - (adjacent west): According to the regulatory database report, the west adjacent property located at 300 North Main Street was identified as a gas station. Four former underground storage tanks ranging from 6000-10000 gallons were installed between April 1958 and April 1984, and were removed between November 1988 and May 2003. Two additional

USTs were installed at the site in May 2003 with capacities of 6000 gallons and 12000 gallons, and are currently in use. One LUST was reported on March 4, 1992 and closed on October 10, 1996. A spill of at least 50 gallons of gasoline occurred on an unknown date. A BEA associated with this site was identified and records were requested from EGLE. This site is discussed further in [Section 5.2](#).

JNJ Cleaners/Eureka Cleaners - (adjacent west): This west adjacent property was identified on the drycleaner and waste generator databases. No violations or releases were noted in the database listings. Refer to Section 5.3 for a discussion on adjacent property use.

5.1.4 Unmappable Properties

ERIS also provides an unmappable (or “orphan”) summary list which identifies properties that cannot be mapped due to poor or inadequate address information. None of the orphan sites identified by ERIS were determined to pose an environmental concern to the Subject Property.

5.2 **Additional Environmental Record Sources**

5.2.1 **State Environmental Agency**

ECT requested pertinent regulatory files associated with the standard database listings for the Subject Property and/or adjoining properties. Records were requested from the EGLE via e-mail on March 8, 2023 and were reviewed on March 15, 2023. A summary of the records is provided below.

Gellman Services - 600 South Wagner Road

The Gelman Site is an area of groundwater contamination in Washtenaw County that includes portions of the City of Ann Arbor, and Scio Township. The groundwater is contaminated with the industrial solvent 1,4-dioxane (dioxane). The contamination plume encompasses a total area that is approximately 1 mile wide and 4 miles long. From 1966 until 1986, Gelman Sciences, Inc. manufactured medical filters using dioxane in the manufacturing process. In 1985, dioxane was discovered in residential drinking water wells in the area. EGLE with assistance from the Washtenaw County Health Department has been tracking the plume and overseeing investigation and remediation activities at the site for over 30 years. An initial boundary prohibiting the use of groundwater was issued in March 2011 and expanded in 2021. The Subject Property is not located within the groundwater plume but does fall within the prohibition zone boundary. Based on the issuance of the groundwater use prohibition in the area of the Subject Property, this activity and use limitation represents a CREC.

Amoco Oil Co/University Fuel Mart - 300 North Main Street

According to a review of historical sources, this west adjacent property was identified as a filling station/gas station and auto storage/repair shop since at least 1925. Upon the purchase of the property in June 2002, a BEA was completed. According to the BEA, numerous environmental assessments occurred at the property between 1992 and 2002 to address subsurface impacts associated with the current and historical use as a gas station. Analytical results from samples collected during a 2002 assessment detected benzene, ethylbenzene, xylenes, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, MTBE, and lead in samples exceeding their applicable screening levels. Based on the 2002 findings, the property met the definition of a "facility".

Copies of pertinent regulatory agency records are included in the appendices ([Interview Documentation](#)).

5.2.2 Oil and Gas Pipelines/Wells

ECT reviewed the National Pipeline Mapping System (NPMS) as well as the Michigan Department of Environmental Quality (MDEQ) GeoWebFace viewer to evaluate if pipelines or gas/oil wells are located at the Subject Property. No pipelines or gas/oil wells are located on or within close proximity of the Subject Property.

5.2.3 Mining and Mineral Exploration

ECT reviewed the MDEQ GeoWebFace viewer and historical aerial images for the presence of current and/or historical mining activity on March 7, 2023. No mining activity was identified on or in close proximity to the Subject Property.

5.3 Physical Setting

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

TOPOGRAPHY	
USGS Topographic Quadrangle	South Lyon and Ann Arbor East, Michigan (2019)
Approximate Elevation	826 ft above mean sea level
Nearest surface water	The Huron River approximately 0.45 miles to the northeast
Source: Database Report	
SOILS	
Soil Classification	Fox series
Soil Type	Sandy loam and till plain
Drainage Class	Well drained
Source: USDA-NRCS	
GEOLOGY	
Physiographic Area/Region	Huron-Erie Drift Uplands of the Southern Lower Peninsula Hills and Plains
Geologic Formation(s)	Mississippian age Coldwater Shale
Bedrock	Shale and limestone
Sources: MGS and USGS	
HYDROLOGY	
Estimated Groundwater Flow¹	North/Northwest
Estimated Depth to Groundwater	Approximately 40-60 feet below ground surface
Source: Database, Prior Reports	

1. Groundwater flow direction can be influenced by the presence of local wetland features, surface topography, recharge and discharge areas, horizontal and vertical inconsistencies in the types of location of subsurface soils, and proximity to water pumping wells.

5.4 Historical Use Information

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

Aerial photographs, topographic maps, fire insurance maps, and city directories were obtained from Environmental Risk Information Services (ERIS). Additionally, ECT reviewed available aerial photographs on Google Earth™. The current USGS 7.5-minute topographic map quadrants are *South Lyon and Ann Arbor East, Michigan*, which are dated 2019. These historical sources were reviewed on March 7, 2023.

Copies of the available historical sources obtained from ERIS are provided in the appendices ([Historical Research Documentation](#)). The below table summarizes available historical source coverage for the Subject Property.

Dates	Aerial Photographs	Topographic Maps	Fire Insurance Maps	City Directories	Other Sources
No Coverage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Prior to 1940	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1940-1945	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1946-1950	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1951-1955	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1956-1960	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1961-1965	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1966-1970	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1971-1975	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1976-1980	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1981-1985	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1986-1990	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1991-1995	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1996-2000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2001-2005	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2006-2010	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2011-2015	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2016-2020	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2021-Current	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

5.4.1 Historical Use of the Subject Property

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

DATES	SUBJECT PROPERTY DESCRIPTION/USE	SOURCE(S)
1888	The northern portion is developed with the C.H. St. Clair and Sons School Furniture Factory which consists of several buildings, including a furniture shop. The southern portion is developed with a blacksmith and vacant building. A stable in the northwest portion was identified.	Fire insurance maps
1892	The northern portion of the Subject Property is now identified as C.H. St Clair Steam Carpenter Shop. The structure in the southwest corner has been removed.	Fire insurance maps
1899 1902 1908 1916	The building on the eastern portion is used as a dwelling on the second floor, with a second hand stove store on the first floor. The stable in the northwest corner is now a shed for stoves.	Fire insurance maps Topographic maps
1925 1930	The property has been redeveloped to include five buildings. The center of the property, from east to west, is clear of structures. The northern portion appears to be used for auto storage. The building in the southeast portion is operating as Ann Arbor Dairy Co which included an Ice Cream Factory and Milk Depot. The structure to the southwest is a bottle warehouse associated with the dairy company.	Fire insurance maps City directories
1931 1935 1937 1940 1945 1948 1949	The property was developed into one large building identified as the Ann Arbor Dairy Co. A private garage is located in the northwest corner. A small area in the west-central portion, and another at the southwest corner are clear of structures. Heater storage is now located in the southwest corner. A possibly reference to "concrete fuel r.m. underground" is discernable on the fire insurance map.	Aerial photographs Fire insurance maps City directories
1951 1955 1956	Subject Property identified as the Ann Arbor Dairy, Div Det, and Creamery Co.	Aerial photographs City directories
1960	The Subject Property is listed as vacant.	City directories

DATES	SUBJECT PROPERTY DESCRIPTION/USE	SOURCE(S)
1963- 1965 1968 1972 1973 1976 1978 1981 1983 1992 1993 1996 1998 2000 2003 2005- 2007 2009 2010- 2015 2016 2017	Developed as a paved municipal parking lot	Aerial photographs Topographic maps Fire insurance maps City directories
2018- 2022	Solar powered electrical charging stations have been added to the northwest corner.	Aerial photographs Topographic maps City directories Previous environmental reports Site reconnaissance Interviews

According to a review of historical sources, the Subject Property was formerly developed with commercial and industrial uses including a blacksmith, furniture factory, carpenter shop, dairy company with potential fuel storage, auto storage, and private garage. Based on the historical property usage, there is the potential for handling and storage of hazardous materials and or petroleum products. Given the historical use and potential for onsite hazardous material or petroleum product storage or handling, the former commercial and industrial use of the Subject Property represents a REC.

5.4.2 Historical Use of Adjoining Properties

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

DATES	SURROUNDING PROPERTY DESCRIPTION/USE	SOURCE(S)
1888	NORTH: Empty lot NORTHEAST: Wood yard, wood shed, and lumber storage EAST: Hall of Agricultural Implements and two sheds SOUTHEAST: Commercial buildings and a triple hydrant SOUTH: Residence SOUTHWEST: J.A. Polhemus and Son Livery WEST: Commercial buildings including blacksmith shop NORTHWEST: Residence	Fire insurance maps
1892	NORTH: No significant changes NORTHEAST: Wood yard has been incorporated into The Agricultural Implements Hall EAST: No significant changes SOUTHEAST: No significant changes SOUTH: No significant changes SOUTHWEST: No significant changes WEST: Farmers horse shed NORTHWEST: No significant changes	Fire insurance maps
1899	NORTH: No significant changes NORTHEAST: Four residences EAST: Todd Manufacturing Company Mill #2 at 201-211 N. Fourth Street (underwear manufacturing, cutting and press, knitting and winding shop, and a laundry and stock room). SOUTHEAST: No significant changes SOUTH: No significant changes SOUTHWEST: No significant changes WEST: No significant changes NORTHWEST: No significant changes	Fire insurance maps
1902 1906 1908	NORTH: No significant changes NORTHEAST: No significant changes EAST: Steam Laundry at 201-205 Catherine Street SOUTHEAST: No significant changes SOUTH: No significant changes SOUTHWEST: Post office WEST: Horse stables and a carriage house, and a residence NORTHWEST: No significant changes	Fire insurance maps Topographic maps

DATES	SURROUNDING PROPERTY DESCRIPTION/USE	SOURCE(S)
1916	NORTH: Six residences NORTHEAST: No significant changes EAST: White Swan Laundry and Dry Cleaning Company at 201-205 Catherine Street SOUTHEAST: No significant changes SOUTH: Prior residence removed and replaced SOUTHWEST: Post office WEST: Auto shop/storage, hitching shed, and garage with one gas tank at 101 Catherine Street NORTHWEST: No significant changes	Fire insurance maps
1925 1930 1931 1935 1937	NORTH: One additional residence NORTHEAST: No significant changes EAST: White Swan Laundry and Dry Cleaning Company with underground gas tank SOUTHEAST: No significant changes SOUTH: Filling station with underground gas tanks at 122-124 Catherine Street, and an additional residence SOUTHWEST: Post office WEST: Filling station and garage with underground gas tanks at 101 and 109 Catherine Street NORTHWEST: No significant changes	Aerial photographs Topographic maps Fire insurance maps City directories
1940 1945 1948 1949	NORTH: No significant changes NORTHEAST: No significant changes EAST: Additional gas tanks at White Swan Laundry and Dry Cleaning Company SOUTHEAST: No significant changes SOUTH: Additional gas tanks at the filling station SOUTHWEST: No significant changes WEST: Additional gas tanks at the filling station NORTHWEST: No significant changes	Fire insurance maps Aerial photographs City directories
1951	NORTH: No significant changes NORTHEAST: No significant changes EAST: Vogue Dry Cleaners and Laundry SOUTHEAST: No significant changes SOUTH: No significant changes SOUTHWEST: No significant changes WEST: No significant changes NORTHWEST: No significant changes	City directories
1955 1956	NORTH: No significant changes NORTHEAST: No significant changes EAST: Previous laundry building is vacant SOUTHEAST: No significant changes SOUTH: Gas station has been torn down, area is now a parking lot SOUTHWEST: No significant changes WEST: No significant changes NORTHWEST: No significant changes	City directories Aerial photographs

DATES	SURROUNDING PROPERTY DESCRIPTION/USE	SOURCE(S)
1960	NORTH: No significant changes NORTHEAST: No significant changes EAST: Office building with multiple occupants SOUTHEAST: No significant changes SOUTH: No significant changes SOUTHWEST: No significant changes WEST: No significant changes NORTHWEST: No significant changes	City directories
1963 1964 1968	NORTH: No significant changes NORTHEAST: No significant changes EAST: University of Michigan radiation lab SOUTHEAST: No significant changes SOUTH: No significant changes SOUTHWEST: No significant changes WEST: No significant changes NORTHWEST: No significant changes	City directories Aerial photographs
1972	NORTH: No significant changes NORTHEAST: Commercial buildings EAST: No significant changes SOUTHEAST: No significant changes SOUTH: No significant changes SOUTHWEST: No significant changes WEST: Commercial buildings including an auto glass installation shop at 109-113 Catherine St. NORTHWEST: No significant changes	Fire insurance maps
1973 1983 1992 1993 2998 2000 2005- 2007 2009 2010- 2012 2014- 2022	Few physical changes have occurred. The configuration of buildings and parking lots appears to be similar to the current configuration.	Site reconnaissance Aerial photographs Topographic maps

According to a review of historical sources, adjacent properties were formerly developed with commercial and industrial uses including a blacksmith, garment manufacturing, current and former gas stations with underground storage tanks, and current and former laundry/dry cleaners. There is the potential for handling and storage of hazardous materials and petroleum products at the adjacent properties. Given the current and historical use and the potential for hazardous material or petroleum product storage or handling, the former commercial and industrial use of adjacent properties represents a REC.

6.0 Site Reconnaissance

RECONNAISSANCE OVERVIEW	
Site Reconnaissance Date:	March 8, 2023
ECT Assessor(s) Name & Title:	Ms. Nicole Rockentine / Geologist
Escort & Relationship to Property:	None

6.1 Methodology and Limiting Conditions

ECT was provided full access to the Subject Property. A site perimeter walk was conducted of the Subject Property and adjoining properties were viewed from all public right of ways. At the time of the site reconnaissance, two large snow piles of plowed snow were present on the Subject Property (see [Section 8.7](#)).

6.2 General Site Setting

SUBJECT PROPERTY CONDITIONS	
Weather:	40°F, sunny
General Topography:	Flat
Current Use:	City owned parking lot
Roads and Corridors:	North 4th Avenue to the east and Catherine Street to the south
Other Transportation Corridors:	Alley bordering west side
Exterior Storage Areas:	None
Unimproved Areas:	None
Surface Water:	None

6.3 Subject Property Reconnaissance Summary

Field observations, as noted in the table below, are included on [Figure 2](#). Photographs taken during the reconnaissance are provided in the appendices ([Photographic Documentation](#)). The table below describes site conditions required by the ASTM standard to be evaluated during the site reconnaissance. Where prudent, additional information from the site reconnaissance is provided below the table.

OBSERVATION	YES	NO
Hazardous Substances and/or Petroleum Products in Connection with Property Use	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Hazardous Substances and/or Petroleum Products not in Connection with Property Use	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Aboveground Storage Tanks (ASTs)	<input type="checkbox"/>	<input checked="" type="checkbox"/>

OBSERVATION	YES	NO
Underground Storage Tanks (USTs), vent pipes, fill pipes, or access ways indicating USTs may be present	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Unidentified Substance Containers	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Strong, Pungent, or Noxious Odors	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Drains, Sumps, Clarifiers, or Pools of Liquid	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Electrical or Hydraulic Equipment Likely to Contain Fluids	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Staining or Stressed Vegetation	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Pits, Ponds, Ditches, Streams, or Lagoons	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Solid Waste Disposal	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Evidence of Fill Materials or Dumping of Debris	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Wastewater or Storm Water Discharges	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Wells	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Septic Systems	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>

6.4 Exterior Observations

6.4.1 Drains, Sumps, Clarifiers, or Pools of Liquid

During the site reconnaissance, two storm drains were observed in Subject Property parking lot. No hazardous materials or petroleum products were observed near the storm drains. Based on the nature of this features, the storm drains do not present an environmental concern.

6.4.2 Electrical or Hydraulic Equipment Likely to Contain Fluids

In the United States, PCBs were commercially manufactured from 1929 until production was banned in 1979 by the Toxic Substances Control Act (TSCA). Due to their non-flammability, chemical stability, high boiling point and electrical insulating properties, PCBs were used in hundreds of industrial and commercial applications, such as electrical, heat transfer, and hydraulic equipment, such as transformers, elevators, and hydraulic lifts.

At the time of the reconnaissance, three pole-mounted transformers were observed along public roadways. The transformers were labeled as non-PCB containing and appeared to be in good condition with no evidence of leaks.

6.4.3 Other Field Observations

Several asphalt patched borings were observed during the site reconnaissance. Refer to Section 5.4 for a summary of previous environmental work performed on the Subject Property.

6.5 Interior Observations

There are no buildings or structures on the Subject Property

7.0 Interviews

7.1 Interview with Owner

Mr. Derek L. Delacourt, on behalf of the City of Ann Arbor, completed the owner questionnaire on March 26, 2023. According to Mr. Delacourt, the Subject Property is currently utilized as a public parking lot with no structures and is proposed to be redeveloped as mixed use, six-story building. Prior Phase I and Phase II ESA reports were identified along with the former onsite dry cleaner occupant, refer to [Section 4.8](#). Mr. Delacourt stated he was not aware of any litigation, administrative proceedings, or violation of environmental laws or liability relevant to hazardous materials or petroleum products. He was also not aware of any environmental liens or activity use limitations. A copy of the owner questionnaire is provided in the appendices ([Interview Documentation](#)).

7.2 Interview with Site Manager

The site manager is also the Subject Property owner.

7.3 Interview with Occupants

There are no Subject Property occupants.

7.4 Interviews with Local Government Officials

The following state and/or local government officials were interviewed as part of this assessment:

Agency:	Washtenaw County Environmental Health Department
Contact Name:	Undisclosed Recipients
Title:	Unspecified
Method:	zeebcss@washtenaw.org
Comments:	No documents or records are available regarding the property.

Agency:	Washtenaw County Public Information
Contact Name:	Ms. Tammy Richards
Title:	FOIA Coordinator
Method:	Richardt@washtenaw.org
Comments:	No documents or records are available regarding the property.

Agency:	Ann Arbor Fire Department
Contact Name:	Undisclosed Recipients
Title:	Unspecified
Method:	fire@a2gov.org
Comments:	The Ann Arbor Fire Department provided a link to the City of Ann Arbor website to fill out on online FOIA request.

Agency:	City of Ann Arbor City Clerk
Contact Name:	Undisclosed Recipients
Title:	Unspecified
Method:	Online form: https://www.a2gov.org/departments/cityclerk/Pages/FOIA-Request.aspx
Comments:	The City of Ann Arbor does not have any records and referred me over to Washtenaw County.

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

7.5 Interviews with Others

No other interviews were conducted.

8.0 Evaluation and Report Preparation

ECT was retained by Avalon Housing to conduct a Phase I ESA in conformance with the scope and limitations of the ASTM Practice E1527-21, the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), and the MSDHA Environmental Review Guidelines for 2023 for the property located at 121 East Catherine Street in Ann Arbor, Washtenaw County, Michigan. Any exceptions to, or deletions from, this practice are described in [Section 1.2](#) and [Section 8.7](#) of this report.

8.1 Findings

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

- **REC #1:** According to a review of historical sources, the Subject Property was formerly developed with commercial and industrial uses including a blacksmith, furniture factory, carpenter shop, dairy company with potential fuel storage, auto storage, and private garage. Based on the historical property usage, there is the potential for handling and storage of hazardous materials and or petroleum products. Given the historical use and potential for onsite hazardous material or petroleum product storage or handling, the former commercial and industrial use of the Subject Property represents a REC.
REC #2: According to a review of historical sources, adjacent properties were formerly developed with commercial and industrial uses including a blacksmith, garment manufacturing, current and former gas stations with underground storage tanks, and current and former laundry/dry cleaners. There is the potential for handling and storage of hazardous materials and petroleum products at the adjacent properties. Given the current and historical use and the potential for hazardous material or petroleum product storage or handling, the former commercial and industrial use of adjacent properties represents a REC.
- **CREC #1:** The Gelman Site is an area of groundwater contamination in Washtenaw County that includes portions of the City of Ann Arbor, and Scio Township. The groundwater is contaminated with the industrial solvent 1,4-dioxane (dioxane). The contamination plume encompasses a total area that is approximately 1 mile wide and 4 miles long. From 1966 until 1986, Gelman Sciences, Inc. manufactured medical filters using dioxane in the manufacturing process. In 1985, dioxane was discovered in residential drinking water wells in the area. EGLE with assistance from the Washtenaw County Health Department has been

tracking the plume and overseeing investigation and remediation activities at the site for over 30 years. An initial boundary prohibiting the use of groundwater was issued in March 2011 and expanded in 2021. The Subject Property is not located within the groundwater plume but does fall within the prohibition zone boundary. Based on the issuance of the groundwater use prohibition in the area of the Subject Property, this activity and use limitation represents a CREC.

8.2 Opinion

Evidence of RECs have been revealed in association with the historical operations at the Subject Property and adjacent properties.

8.3 Additional Investigation

8.4 Data Gaps

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

A data gap is defined by ASTM E1527-21 as a lack or inability to obtain information required by the practice despite good faith efforts by the Environmental Professional to gather such information. Data gaps may result from incompleteness in any of the activities required by the practice, including, but not limited to the site reconnaissance and interviews.

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

- The earliest historical resource obtained during this assessment was a Sanborn fire insurance map from 1888 indicated the Subject Property was developed with a furniture factory and blacksmith shop. The lack of historical sources for the Subject Property dating back to the first developed use represents a historical source data failure. Refer to [Section 5.4](#) for a discussion on the Subject Property history.

8.5 Conclusions

Ms. Nicole Rockentine, Environmental Professional, has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-13 and the 30 CFR 312 (All Appropriate Inquiry) of the Subject Property, located at 121 East Catherine Street in Ann Arbor, Washtenaw County, Michigan. Any exceptions to, or deletions from, this practice are described in Section 2.5 of this report. **This assessment has revealed no evidence of RECs, CRECs, and/or SDGs, with the exception of the following:**

- **REC #1:** Former commercial and industrial uses at the Subject Property, including a blacksmith, furniture factory, carpenter shop, dairy company with potential fuel storage, auto storage, and private garage.
REC #2: Several former commercial/industrial uses at the adjoining properties including a blacksmith, garment manufacturing, current and former gas stations with underground storage tanks, and current and former laundry/dry cleaners.
- **CREC #1:** The Subject Property is located in a groundwater use prohibition zone due to regional groundwater contamination.

8.6 Additional Services

No additional services were included in the scope of work for this Phase I ESA.

8.7 Limiting Conditions

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

- At the time of the site reconnaissance, a large snow pile from plowed snow was present on the Subject Property covering a portion of the ground surface.

Based on the quality of information obtained from other sources (e.g., historical documentation, interviews, regulatory sources, site reconnaissance, etc.), and the nature of the limitation(s), it is the opinion of the EP that this limitation does not impact ECT's ability to identify RECs.

8.8 References

REFERENCED ITEM OR AGENCY	PUBLICATION OR INQUIRY DATE(S)	SOURCE
Aerial Photographs	March 6, 2023	ERIS
	June 2022	Google Earth™
Assessor Information	March 10, 2023	Washtenaw County
City Directories	March 8, 2023	ERIS
Depth to Groundwater Information	March 20, 2023	USGS-NWIS
Fire Department(s)	March 2, 2023	Ann Arbor Fire Department
Fire Insurance Maps	March 3, 2023	ERIS
Geology Information	March 15, 2023	USDA NRCS
Health Department(s)	March 2, 8, and 16, 2023	Washtenaw County Environmental Health Department
Oil and Gas Authority	March 7, 2023	EGLE
Owner(s), Key Site Manager(s), and/or Occupant Interviews	Not Provided	Not Provided
Physiographic Information	March 15, 2023	USGS
Pipeline Information	March 7, 2023	NPMS
Regulatory Database Report	March 6, 2023	Environmental Risk Information Services
Soils Information	March 15, 2023	USDA-NRCS
Standard Practice	2021	ASTM Standards E1527-21, <i>Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process</i>
State Environmental Agency	March 8 and 14, 2023	EGLE
Topographic Maps	2019	USGS (South Lyon and Ann Arbor East, Michigan)
	March 3, 2023	ERIS

8.9 **Signature(s) of Environmental Professional(s)**

I, Nicole Rockentine, declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR §312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Subject Property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312. All elements of this Phase I ESA have been completed by me or persons under my direct supervision. For the sake of brevity, any references herein to the "Environmental Professional" or "EP" shall refer directly to me. Any references to "ECT" shall refer to me and/or those persons under my direct supervision.

A copy of the EP's resume and those directed by the EP in the completion of this assessment are included in the appendices ([Resumes of Environmental Consultants](#)).



Nicole Rockentine

Geologist, RG

Environmental Professional

8.10 **Qualification(s) of Environmental Professional(s)**

Provided in the [Qualifications of Environmental Professional](#) appendix of this report.

9.0 Non-Scope Considerations

9.1 **Friable and Non-friable Asbestos Containing Materials (ACMs)**

The Subject Property consists of a municipal parking lot with no buildings or structures. Evaluation for friable and nonfriable ACMs is not applicable.

9.2 **Lead-Based Paint**

The Subject Property consists of a municipal parking lot with no buildings or structures. Evaluation for lead-based paint is not applicable.

9.3 **Radon Gas**

The Subject Property is located in Washtenaw County. According to the EGLE Radon Map by County, in Washtenaw County 38% of homes tested equal to or above the 4pCi/L guidance. The EGLE Radon Map by County is included in the appendices ([Non-Scope Items](#)).

New construction projects and any proposed mitigation plans must be consistent with the radon resistant code requirements as detailed in Appendix F of the International Residential Code or Appendix N of the International Building Code as appropriate.

Post construction radon testing must follow the protocols set by the American Association of Radon Scientists and Technologists, Protocol for Conducting Radon and Radon Decay Product Measurements in Multifamily Buildings (ANSI-AARST MAMF-2017, Section III, or similar section in the most recent addition) (available at <http://aarst.org/bookstore.shtml>). Exception: With reference to Section III.3.1 of ANSI-AARST MAMF-2017, the minimum number of areas to be tested shall be at least twenty-five percent (25%) of randomly selected ground level units/rooms in each building or separate foundation type. All of the other requirements at Section III of ANSIAARST MAMF-2017, including upper floor testing, shall be followed. Note that if less than one hundred percent (100%) of ground level units/rooms are tested and radon is found in one or more unit/room at or above threshold requirements, then all ground level units/rooms must be mitigated.

9.4 Special Flood Hazard Area

The Subject Property is identified in an area of minimal flood hazard by Federal Emergency Management Agency (FEMA). A copy of the FEMA Flood hazard map is included in the appendices ([Non-Scope Items](#)).

9.5 Wetlands

No wetlands were identified on the Subject Property in the National Wetland Inventory. A copy of the Wetlands Inventory Map is included in the appendices ([Non-Scope Items](#)).

9.6 Electromagnetic Fields

There are no high power electrical transmission lines or cell antenna arrays within 500 feet of the Subject Property.

9.7 High Pressure Buried Gas Lines

There was no indication that high pressure buried gas lines are located on or adjoining the Subject Property. ECT reviewed the National Pipeline Mapping System (NPMS) and did not identify high pressure buried gas lines within 1,000 feet of the Subject Property. A copy of the NPMS map is included in the appendices ([Non-Scope Items](#)).

9.8 Noise Analysis

A noise assessment is required at the time of a Phase I submission for sites located within 1,000 feet of a limited access highway or busy roadway, 3,000 feet of a railroad line, or 15 miles of a civil or military airport.

Busy roadways noise are a source at the Subject Property. SEMCOG online resources for Average Daily Trips were evaluated and sever busy roadways were identified within 1,000 feet of the Subject Property.

Railroad noise is a source at the Subject Property. Railroads were identified within 3,000 feet, one was located approximately 1,200 feet to the west and the second was located approximately 2,000 feet to the north of the Subject Property. Federal Railroad Administration railroad operations data was reviewed.

A search of civil and military airports within 15 miles of the Subject Property was completed. No military airports were located; however, five civil airports were identified. Noise contours for the Ann Arbor Municipal and Willow Run airports were available for review. Based on the distance and noise contours available, airport noise is not a source at the Subject Property. Noise contours were not available for the remaining three smaller airports, Cackleberry Airport, Belleville, and Downwind Acres. However, based on the size and configuration of the airports and comparison to available contour maps, airport noise should not be a concern at the Subject Property.

The online HUD DNL Calculator was used to generate an expected day/night noise level (DNL). The Noise Assessment Location used to calculate the DNL was a point near the southeast corner of the Subject Property. The DNL was calculated to be 72 db, greater than the “normally unacceptable” HUD Noise Guideline of 70db. Adding in railroad noise as a source increased the DNL level to 73dB.

The noise calculations are based on the estimates and measurements obtained using User provided conceptual plans depicting proposed building locations and Google Earth. As the project is currently in development stage, noise mitigation can be utilized in the building construction materials or man-made barrier to reduce noise can be constructed. Additional noise assessment will be necessary once final plans have been determined. Copies of the HUD NL calculator and supporting documents are included in the appendices ([Non-Scope Items](#)).

9.9 Vapor Encroachment Screen

A Vapor Encroachment Screening was conducted in general accordance with ASTM E2600-22, *Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions*. A Vapor Encroachment Condition (VEC) is the presence or likely presence of COC vapors in the vadose zone of the Subject Property caused by the release of vapors from contaminated soil and/or groundwater either on or near the Subject Property. A VEC can be further defined as any COC within 100 feet for soil impacts or ground water impacts of an existing/planned structure or to the target property boundary if there are no planned structures. This screening is intended to reduce, but not eliminate, uncertainty regarding whether or not a VEC exists in connection with a property.

Geologic, hydrologic, hydrogeologic, topographic maps, aerial photography, city directories, Sanborn Fire Insurance Maps, a review of previous site investigations, regulatory databases and other pertinent data were reviewed as part of this Vapor Encroachment Screening. Based on the findings from the previous Phase II ESA, it is the opinion of the EP that a VEC does not exist with respect to the Subject Property. Refer to [Section 4.8](#) for a review of previous environmental investigations.

9.10 Aboveground Storage Tanks

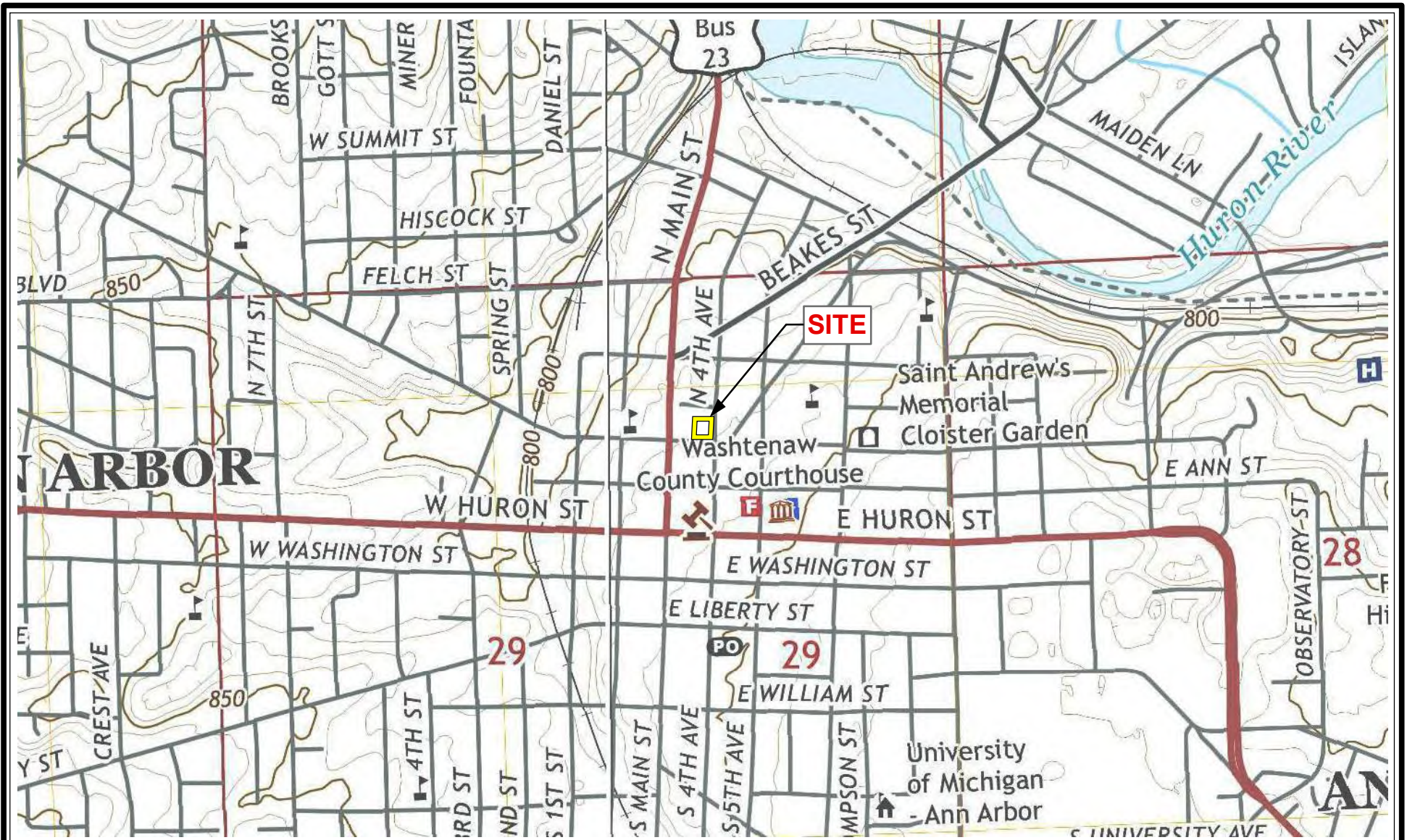
ECT did not identify any ASTs on or adjoining the Subject Property.


9.11 Development Site Plans

A copy of the proposed site plans is included in the appendices ([Figures](#)).

Appendix A

Figures



 Project Boundary

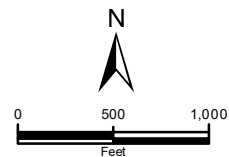


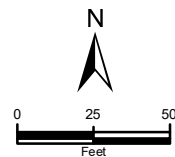
Figure 1
USGS Topographic Map

121 East Catherine Street,
Ann Arbor, Michigan
Date: 3/23/2023





- Project Boundary
- Storm Drain
- T Transformer(s)

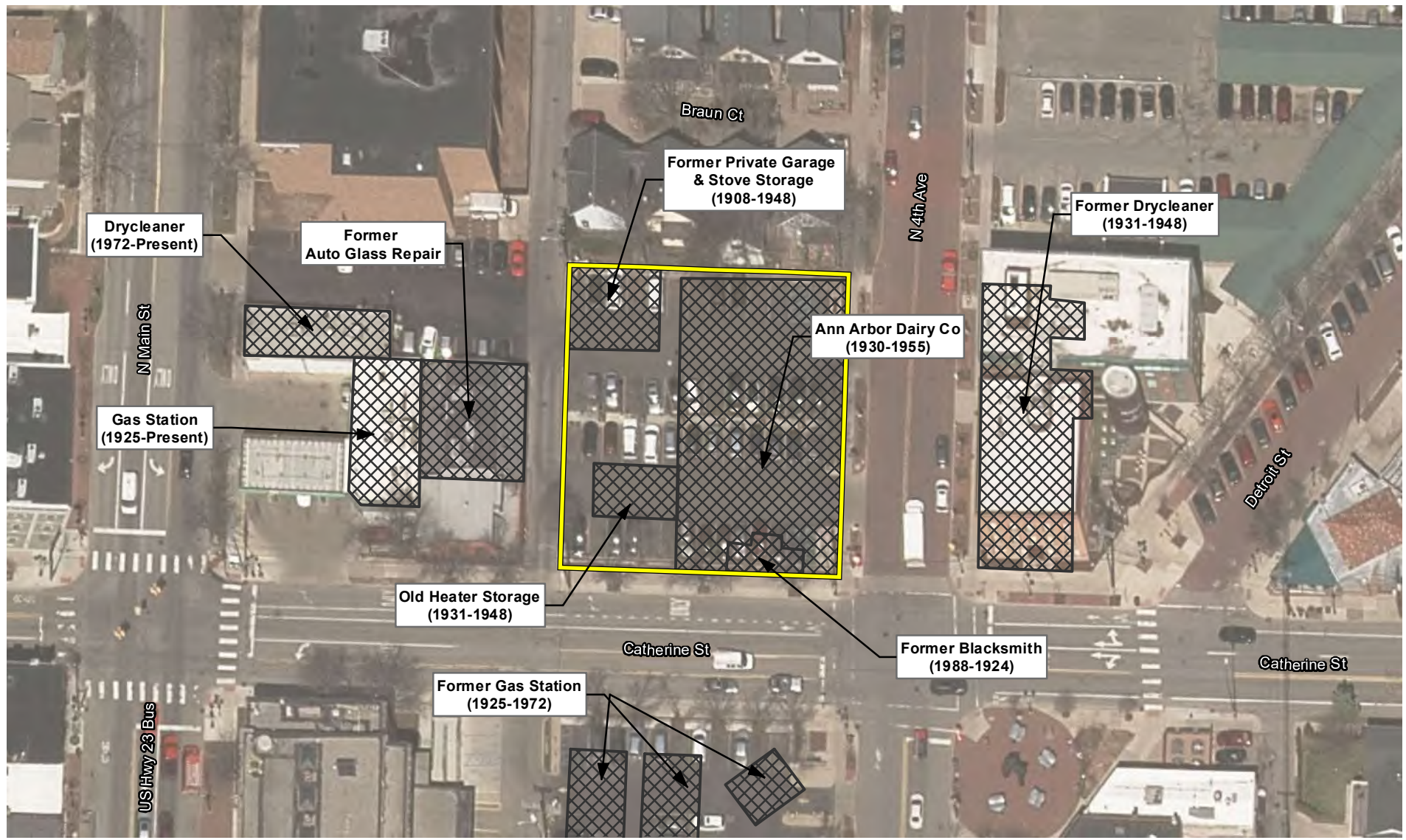


Base Layer: USDA NAIP Aerial

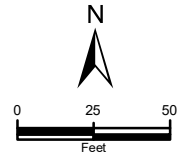
Figure 2
Subject Property Overview

121 East Catherine Street,
Ann Arbor, Michigan
Date: 3/28/2023





- Project Boundary
- Historical Building Footprint



Base Layer: USDA NAIP Aerial

Figure 3
REC Location Map

121 East Catherine Street,
Ann Arbor, Michigan
Date: 3/28/2023



September 1, 2023
ECT No. 230172-0200

Mr. Donald Wesley
Avalon Housing
1327 Jones Drive
Ann Arbor, Michigan 48105

**Re: Additional Investigation
Catherine Street Affordable Housing Project
121 East Catherine Street
Ann Arbor, Washtenaw County, Michigan**

Dear Mr. Wesley:

Environmental Consulting & Technology, Inc. (ECT) conducted an Additional Investigation for Avalon Housing (the Client) at the Catherine Street Affordable Housing Project (herein referred to as the Subject Property) located at 121 East Catherine Street, Ann Arbor, Washtenaw County, Michigan.

This assessment was conducted in anticipation of the development of a six-story, mixed use residential and commercial complex. The purpose of the Additional Investigation was to further evaluate environmental impacts following a Phase II Environmental Site Assessment (ESA) completed by ECT at the Subject Property on July 6, 2022. The enclosed Additional Investigation Report describes and summarizes field activities, laboratory results, and conclusions.

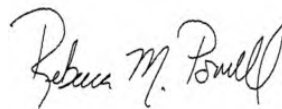
We appreciate the opportunity to work with you, and trust that this submittal is responsive to your needs. If you have any questions concerning this report, or if we may assist you in any other matter, please contact us at 734-769-3004.

Sincerely,

Environmental Consulting & Technology, Inc.



Maura Gibbons
Environmental Scientist
Environmental Professional



Rebecca M. Powell
Operations Director
Environmental Professional

> **Additional Investigation
of Catherine Street Affordable Housing Project
121 East Catherine Street
Ann Arbor, Washtenaw County, Michigan**

September 1, 2023
ECT No. 230172-0200

for
Avalon Housing
1327 Jones Drive
Ann Arbor, Michigan 48105

&

Ann Arbor Housing Commission
727 Miller Ave,
Ann Arbor, Michigan 48103

ECT

2200 Commonwealth Blvd, Ste. 300
Ann Arbor, MI 48105
734-769-3004

Table of Contents

1.0	Introduction	4
1.1	Previous Investigation	4
1.2	Detailed Scope of Service	5
2.0	Field Activities	7
2.1	Methods	7
2.1.1	Soil Sampling	7
2.1.2	Soil Gas Sampling	8
2.2	Quality Assurance/Quality Control	8
2.3	Analytical Laboratory Testing Program	9
2.4	Deviations from Scope of Work	9
3.0	Results	11
3.1	Soil Lithology and Hydrogeology	11
3.2	Soil Analytical Results	11
3.3	Soil Vapor Gas Analytical Results	14
3.4	Quality Assurance / Quality Control Results	14
4.0	Interpretation, Conclusions, and Recommendations	15

Appendices

Appendix A	Figures
Appendix B	Data Tables
Appendix C	Previous Phase II ESA
Appendix D	Soil Boring Logs
Appendix E	Laboratory Analytical Report & COCs

1.0 Introduction

The Subject Property consists of approximately 0.38 acres of paved land located at 121 East Catherine Street in Ann Arbor, Washtenaw County, Michigan. This Additional Investigation was conducted in anticipation of the development of a six-story, mixed use residential and commercial complex.

This Additional Investigation was conducted for the use of and reliance by Avalon Housing, Ann Arbor Housing Commission, and their assignees and may be relied upon by these parties only. No use of the information contained in this report by others is permissible without receiving prior written authorization to do so from ECT. ECT is not responsible for independent conclusions, opinions, or recommendations made by others or otherwise based on the findings presented in this report.

A Sample Location Map overlain on a current aerial photograph is provided as [Figure 1](#) and a cross-section conveying elevated concentrations of analytes at respective depths is provided as [Figure 2](#).

1.1 Previous Investigation

During a Phase I Environmental Site Assessment (ESA) completed for the Subject Property in December 2021 by Environmental Consulting Solutions, LLC, former commercial/industrial uses of the Subject Property and neighboring properties were identified as recognized environmental conditions (RECs). Based on the findings of the Phase I ESA, ECT completed an initial Phase II ESA for the Subject Property on July 6, 2022, which included an investigation of soil, groundwater, and soil gas. ECT's Phase II ESA report was intended to follow ASTM E1903-19, the Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process. The purpose of ASTM Practice E1903-19 is to evaluate the presence or likely presence of substances, including but not limited to those required per the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA; 42 U.S.C. §9601).

A total of eight soil borings and four subsurface soil gas implants were advanced at the Subject Property for the collection of soil, groundwater, and soil vapor samples. Groundwater was not encountered in any of the borings; as a result, only soil and soil vapor samples were collected.

The results from the initial Phase II ESA identified impacts in the soil exceeding EGLE Part 201 residential cleanup criteria and residential volatilization to indoor air pathway (VIAP) screening levels, as well as evidence of urban fill in the subsurface.

A detailed summary of the July 2022 Phase II ESA findings is included below:

- Arsenic and/or mercury detections exceeded EGLE Part 201 residential cleanup criteria and/or residential VIAP screening levels in soil samples GP-01 (3-4'), GP-01 (3-4') and GP-02 (3-4').
- Arsenic and mercury concentrations exceeded the drinking water protection and/or groundwater-surface water interface cleanup criteria; however, these pathways are considered not complete at the Subject Property because proposed development would be supported by municipal water and because there are no surface water bodies located within the immediate vicinity.
- No other constituents of concern detected at the Subject Property exceeded the residential cleanup criteria, statewide default background levels, and/or VIAP screening levels.
- Groundwater was not encountered with a maximum explored depth of 20 feet bgs.
- No detections of volatile organics at the Subject Property exceeded the residential VIAP screening levels. Therefore, there does not appear to have been a significant migration of sub-slab soil gas from the adjoining gasoline filling stations or dry cleaning operations.

Based on the exceedances of the Part 201 residential cleanup criteria, the Subject Property is considered a “facility” as defined by the Natural Resources and Environmental Protection Act (NREPA), 1994 PA 451, as amended.

A copy of the Phase II ESA report is included as an attachment ([Previous Environmental Reports](#)).

1.2 Detailed Scope of Service

To further evaluate environmental impacts at the Subject Property, ECT completed the following scope of services. All field activities were conducted on March 7, 8, and 16, 2023:

- Prepared a site-specific Health & Safety Plan (HASP) and completed utility notices (MISS Dig) prior to drilling and sampling activities.
- Soil Metal Impacts Delineation:

- On March 7, 2023, seven soil borings were advanced using a Geoprobe® direct-push sampling system to a depth of 8 feet below ground surface (ft bgs) in the areas of GP-1 and GP-2. Two soil samples were collected per boring along with one duplicate sample (total) and submitted for laboratory analysis of mercury and arsenic via Environmental Protection Agency (EPA) Method 7470/7471 and 6020, respectively.
- On March 7, 2023, two subsurface soil gas implants were installed by at an approximate five foot depth and contained a 6-inch screen at the bottom. The soil gas implants were advanced for the purpose of collecting soil vapor samples on March 16, 2023 for laboratory analysis of mercury via EPA Method 6009M.
- Urban Fill Characterization:
 - On March 7 and March 8, 2023, 19 soil borings were advanced using a Geoprobe® direct-push sampling system to a maximum depth of 15 ft bgs to quantify and characterize the urban fill material identified during the July 2022 Phase II ESA.
 - Where boring depth exceeded 2.5 ft bgs, two soil samples were collected per boring along with two duplicate samples (total) and analyzed for Volatile Organic Compounds (VOCs) by EPA Method 8260, Polynuclear Aromatic Hydrocarbons (PAHs) by EPA Method 8270, and Michigan 10 Metals¹ by EPA Method 6020/7470/7471. If PID readings were detected above background levels in a soil sample, the sample was also analyzed for Polychlorinated Biphenyls (PCBs) by EPA Method 8082.

Detailed field activities and methodologies are included in the following section.

1. Michigan 10 Metals includes: Arsenic (As), Barium (Ba), Cadmium (Cd), Chromium (Cr), Copper (Cu), Lead (Pb), Mercury (Hg), Selenium (Se), Silver (Ag), and Zinc (Zn).

2.0 Field Activities

2.1 **Methods**

On March 7 and 8, 2023, ECT performed the Additional Investigation activities at the Subject Property, which included advancing 26 soil borings to a maximum depth of 15 feet bgs and collecting 14 discrete soil samples (plus one duplicate) to delineate the metals impacts, and 36 discrete soil samples (plus two duplicates and two trip blanks) to characterize the urban fill material. ECT returned to the Subject Property on March 16, 2023 to collect two soil vapor samples, one field blank, and one field spike to address vapor intrusion concerns. The sample locations are depicted on [Figure 2](#).

Soils were screened for volatile compounds using a calibrated photoionization detector (PID) and characterized by a field technician during drilling and sampling activities at all boring locations.

Upon completion of the soil characterization and sampling activities, each boring was filled with bentonite and the original soil cuttings until flush with grade and covered with a surface type consistent with the original cover.

2.1.1 **Soil Sampling**

In total, 26 soil borings were advanced using Geoprobe® drilling techniques at the Subject Property. The soil borings were advanced to depths of 10-15 feet bgs or to encountering a refusal following three drilling attempts, whichever encountered first. Deviations from the scope of work are discussed in [Section 2.4](#).

To delineate impacts at GP-01 identified during the 2022 Phase II ESA, three soil borings (notated as GP-09, GP-10, and GP-11) were advanced to depths of 10 ft bgs. The six soil samples collected from these borings were analyzed for arsenic and mercury using EPA Testing Method 6020 and 7470/7471, respectively.

To delineate impacts at GP-02, four soil borings (notated as GP-12 through GP-15) were advanced to depths of 10 ft bgs or refusal. Soil boring GP-12 was terminated at 5.5 ft bgs due to refusal following three drilling attempts. The eight soil samples collected from these borings were also analyzed for arsenic and mercury.

To characterize the urban fill encountered across the Subject Property during the 2022 Phase II ESA, 19 soil borings were advanced to various depths based on the previously recorded data. Fourteen soil borings (notated as GP-18 through GP-19, GP-21 through GP-26, GP-28 through GP-31, and GP-33 through GP-34) were advanced to a depth of 10 ft bgs. Soil borings GP-16 and GP-17 were advanced to depths of 5.5 and 2.5 ft bgs, respectively, due to refusal following three drilling attempts. Soil borings GP-20, GP-27, and GP-32 were advanced to depths of 15, 12, and 15 ft bgs, respectively, due to soil lithology and/or refusal during the coring activities.

The 36 discrete soil samples collected from borings GP-16 through GP-34 were analyzed for VOCs, PAHs, Michigan 10 Metals, and/or PCBs using the EPA Testing Methods 8260, 8270, 6020/7470/7471, and 8081/8082, respectively.

2.1.2 Soil Gas Sampling

Two soil gas implants (notated as AH-SG-VP-05 and AH-SG-VP-06) were installed to an approximate depth of five ft bgs with 6-inch screens at the bottom. On March 16, 2023, two soil vapor samples were collected (one per implant) and submitted for laboratory analysis of mercury via EPA Method 6009M. ECT utilized the water dam method for leak checks and adhered to standard operating procedures described in the Michigan Department of Environment, Great Lakes, and Energy (EGLE) Guidance Document for the Vapor Intrusion Pathway (dated May 2013 with amendments).

2.2 Quality Assurance/Quality Control

Environmental protocols consisting of equipment decontamination, sample preservation, and chain-of-custody documentation were followed during sampling activities, and all samples were analyzed within their respective hold times.

ECT submitted two trip blank quality assurance soil samples to be analyzed for VOCs. Due to the scope of analytical testing, three duplicate samples were submitted for additional testing (notated as AH-SB-GP-Dup-1 through AH-SB-GP-Dup-3) and were determined necessary to the conclusions of the report.

Additionally, ECT submitted a blank quality assurance soil gas sample and field spike to be analyzed for Mercury (notated as AH-SG-VP-05 through AH-SG-VP-06) and were determined necessary to the conclusions of the report.

2.3 Analytical Laboratory Testing Program

Samples collected during Phase II ESA activities were submitted under chain-of-custody to the Fibertec Environmental Services laboratory for quantitative analyses. The Chain-of-Custody documentation is provided within the appendices ([Laboratory Analytical Report](#)). The table below summarizes the number of samples and their analytical parameters of this Phase II ESA:

Area of Interest	No. of Borings	Max. Boring Depth (feet)	Number of Samples	Sample Media	Laboratory Analysis
Delineation at GP-01	3	10	6	Soil (Discrete)	Arsenic Mercury
Delineation at GP-02	4	10	8	Soil (Discrete)	Arsenic Mercury
Urban Fill Characterization	19	15	36	Soil (Discrete)	VOCs PAHs Michigan 10 Metals PCBs

2.4 Deviations from Scope of Work

The sampling activities conducted on March 7 and 8, 2023 followed the scope of work except for the following:

- The original location of soil boring GP-12 maintained hard refusal at 5.5 ft bgs. The second boring location was attempted three feet south of the original boring location, and the third boring location was attempted three feet west of the original boring location for a final depth of 5.5 ft bgs.
- The original location of soil boring GP-16 maintained hard refusal at 2.5 ft bgs. The second boring location was attempted one foot north of the original boring location, and the third boring location was attempted four feet east of the original boring location for a final depth of 5.5 ft bgs.
- The original location of soil boring GP-17 maintained hard refusal at 2.5 ft bgs. The second boring location was attempted three feet west of the original boring location, and the third boring location was attempted three feet south of the original boring location for a final depth of 2.5 ft bgs.

- The original location of soil boring GP-26 maintained hard refusal at 7 ft bgs. The second boring location was attempted three feet north of the original boring location for a final depth of 10 ft bgs.
- Soil boring GP-27 was terminated at 12 ft bgs due to repeated refusal.

DRAFT

3.0 Results

3.1 Soil Lithology and Hydrogeology

Below encountered asphalt, the predominant subsurface soil types were characterized as fine to medium grained, brown to dark brown sand and brown clay with varying mixtures of sand and silt. Traces of gravel and silt were also observed throughout the soil borings. Fill material, in the form of brick, gravel, and concrete, was encountered across the Subject Property at depths ranging between the surface to approximately nine ft bgs. Native clay was observed below the fill material beginning at approximately 10 ft bgs.

Most PID readings from the soil borings were observed below 1.0 parts per million (ppm). However, readings for boring AH-SB-GP-12 were observed at 2.3 ppm (0-1') and 4.7 ppm (5-5.5'). Additionally, a reading for boring AH-SB-GP-19 was observed at 36.7 ppm (3-4') with a diesel-like odor. No other odors or staining were observed at any of the remaining borings.

Lastly, little to no saturation was observed throughout the soil borings. The [Soil Boring Logs](#) are included in the appendices.

3.2 Soil Analytical Results

The soil analytical results were compared to relevant Michigan Part 201 Generic Residential Cleanup Criteria (June 2018) and VIAP Screening Levels (2020). A summary of the results for constituents detected at concentrations exceeding their respective laboratory reporting limits (LRLs) is presented below. For the sake of brevity, sample identifiers have been shortened to their soil boring designation and sample interval (e.g., AH-SB-GP-21 (2-3')) has been shortened to GP-21 (2-3')) in the report text. Refer to the Soil Analytical Summary Table provided as [Table 1](#) for full sample names.

Soil Metal Impacts Delineation

Metals

- Arsenic was detected above its LRL but below the Generic Residential Cleanup Criteria (GRCC) in GP-09 (3-4') and GP-10 (3-4').
- Arsenic was detected above its LRL and Residential Drinking Water Protection criteria (DWP), Groundwater Surface Water Interface Protection criteria (GSIP), Direct Contact criteria (DC), and Statewide Default Background Level (SDBL) in GP-09 (7-8') and GP-09 (7-8') DUP1.

- Mercury was detected above its LRL but below the GRCC and SDBL in GP-10 (3-4').
- Mercury was detected above its LRL, Residential GSIP, SDBL, and Residential and Nonresidential VIAP Screening Levels (SLs) in GP-09 (3-4'), GP-11 (3-4'), GP-12 (4.5-5.5'), GP-15 (3-4'), and GP-15 (7-8').

Urban Fill Characterization

VOCs

- Constituent 2-methylnaphthalene was identified above its LRL, GSIP, and Residential VIAP SL in GP-19 (3-4') and GP-19 (3-4') DUP2.
- Detections of 2-methylnaphthalene, 1,2,3-trimethylbenzene, 1,2,4-trimethylbenzene, and 1,3,5-trimethylbenzene were identified above their respective LRLs and Residential VIAP SLs in soil samples GP-19 (3-4'), GP-19 (3-4') DUP2, and GP-22 (6-7').
- All other VOC constituents detected above their respective LRLs were present at concentrations below the GRCC and Residential VIAP SLs.

PAHs

- Benzo(a)pyrene was identified at concentrations exceeding its LRL and DC in GP-23 (4-5'), GP-28 (3-4'), and GP-34 (8-9').
- Fluoranthene was identified at concentrations exceeding its LRL and GSIP in GP-23 (4-5'), GP-25 (2-3'), and GP-34 (8-9').
- Naphthalene concentrations in GP-19 (3-4'), GP-23 (4-5'), and GP-26 (3-4') exceeded its LRL and Residential VIAP SLs.
- Naphthalene concentrations in GP-23 (4-5') also exceeded GSIP.
- Phenanthrene was identified at concentrations exceeding its LRL, GSIP and Residential VIAP SLs in GP-23 (4-5'), GP-25 (2-3'), GP-28 (3-4'), and GP-34 (8-9').
- All other PAH constituents detected above their respective LRLs were present at concentrations below the GRCC and Residential VIAP SLs.

Michigan 10 Metals

- Arsenic was identified at concentrations exceeding its LRL, SDBL, DWP, GSIP, and DC in soil samples GP-17 (2-2.5'), GP-19 (7-8'), GP-20 (8-9'), GP-21 (5-6'), GP-22 (2-3'), GP-22 (6-7'), GP-23 (4-5'), GP-23 (6-7'), GP-24 (7-8'), GP-25 (2-3'), GP-25 (6-7'), GP-26 (3-4'), GP-26 (7-8'), GP-27 (1-2'), GP-28 (6-7'), GP-29 (7-8'), GP-30 (8-9'), GP-31 (4-5'), GP-32 (8-10'), GP-33 (2-3'), GP-33 (2-3') DUP3, GP-33 (9-10'), and GP-34 (8-9').
- Arsenic was identified at concentrations at levels above its LRL, SDBL, DWP, and GSIP in soil samples GP-18 (5-6'), GP-19 (3-4') DUP2, GP-29 (4-5'), GP-32 (2-3'), and GP-34 (4-5').
- Barium was identified in soil sample GP-32 (8-10') at a concentration that exceeded its LRL, DSBL, and GSIP.
- Total chromium concentrations were detected above the LRL, GSIP, and SDBL in soil samples in GP-22 (6-7') and GP-29 (7-8').
- Copper was detected at concentrations exceeding its LRL and SDBL, but below the GRCC in soil samples GP-22 (2-3'), GP-22 (6-7'), GP-23 (4-5'), GP-26 (3-4'), GP-26 (7-8'), GP-31 (4-5'), GP-32 (8-10'), and GP-33 (2-3') DUP3.
- Lead was present at a concentration exceeding its LRL, DC, and SDBL in soil sample GP-32 (8-10').
- Selenium was identified at concentrations exceeding its LRL, SDBL, and GSIP in soil samples GP-18 (2-3'), GP-18 (5-6'), GP-22 (2-3'), GP-23 (4-5'), GP-26 (3-4'), and GP-26 (7-8').
- Silver was identified at concentrations exceeding its LRL and GSIP, but below SDBL in GP-19 (3-4'), GP-19 (3-4') DUP2, GP-20 (4-5'), and GP-20 (8-9'), GP-22 (2-3'), GP-23 (4-5'), GP-25 (2-3'), GP-26 (3-4'), GP-26 (7-8'), GP-31 (4-5'), GP-32 (8-10'), GP-33 (2-3') DUP3, and GP-33 (9-10').
- Zinc was identified at concentrations exceeding its LRL, SDBL, and GSIP in soil samples GP-26 (7-8') and GP-32 (8-10').
- Mercury concentrations in GP-01 (3-4'), GP-02 (3-4'), GP-09 (3-4'), GP-11 (3-4'), GP-12 (4.5-5.5'), GP-15 (3-4'), and GP-15 (7-8') exceeded its LRL, DWP, GSIP, and SDBL.
- Mercury concentrations in GP-19 (3-4'), GP- 19 (3-4') DUP2, GP-19 (7-8'), and GP-26 (3-4') exceeded its LRL, SDBL, DWP, GSIP, and Residential VIAP SLs.
- Mercury concentrations in soil samples GP-20 (8-9'), GP-22 (2-3'), GP-23 (4-5'), GP-28 (3-4'), GP-29 (7-8'), GP-31 (4-5'), GP-33 (2-3'), GP- 33 (2-3') DUP3, and GP-34 (8-9') exceeded SDBL, DWP, GSIP, and Residential and Nonresidential VIAP SLs.
- Mercury was detected at concentrations exceeding its LRL and Residential VIAP but below SDBL in soil samples GP-20 (4-5'), GP-22 (6-7'), GP-24 (7-8'), GP-25 (2-3'), GP-25 (6-7'), GP-26 (7-8'), GP-27 (6-7'), GP-28 (6-7'), and GP-29 (4-5').

- All other Michigan 10 Metal constituents detected above their respective LRLs were present at concentrations below the SDBL, GRCC, and Residential VIAP SLs.

PCBs

- PCBs were not detected at concentrations exceeding LRLs in any soil sample.

A cross-section conveying elevated concentrations of analytes at respective depths is provided as [Figure 2](#).

3.3 Soil Vapor Gas Analytical Results

Mercury was not detected above its LRL of 0.0020 µg in AH-SB-VP-05 or AH-SB-VP-06, which is below the Residential VIAP SL. The Soil Gas Analytical Summary is provided as [Table 2](#).

3.4 Quality Assurance / Quality Control Results

Two trip blanks were submitted to the analytical laboratory for VOC analysis and one field blank was submitted for mercury analysis. No concentrations were detected in the samples above their respective LRLs. The results of the laboratory's qualifiers and control limits are included within the attached [Laboratory Analytical Report](#).

4.0 Interpretation, Conclusions, and Recommendations

Based on the results of the environmental site assessments completed at the Subject Property, ECT offers the following conclusions and opinions:

- Based on analytes exceeding the Part 201 GRCC, the site is considered a “facility” as defined by the NREPA. A Baseline Environmental Assessment (BEA) is recommended for liability protection during the property acquisition process, and continuing obligations apply to the Subject Property.
- Based on the distribution of elevated VOCs, PAHs, and metals throughout the shallow subsurface across the Subject Property, ECT believes the source of environmental impact is urban fill material that has been identified between the surface and nine ft bgs. Native soils were identified below the impacted fill material at a depth beginning at approximately 10 ft bgs.
- ECT believes the analytical results from this Additional Investigation and the prior Phase II ESA are adequate to formulate both remedial action and due care plans to address human health risks and achieve No Further Action (NFA) status in advance of the proposed development activities.

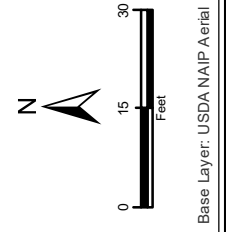
Appendix A

Figures

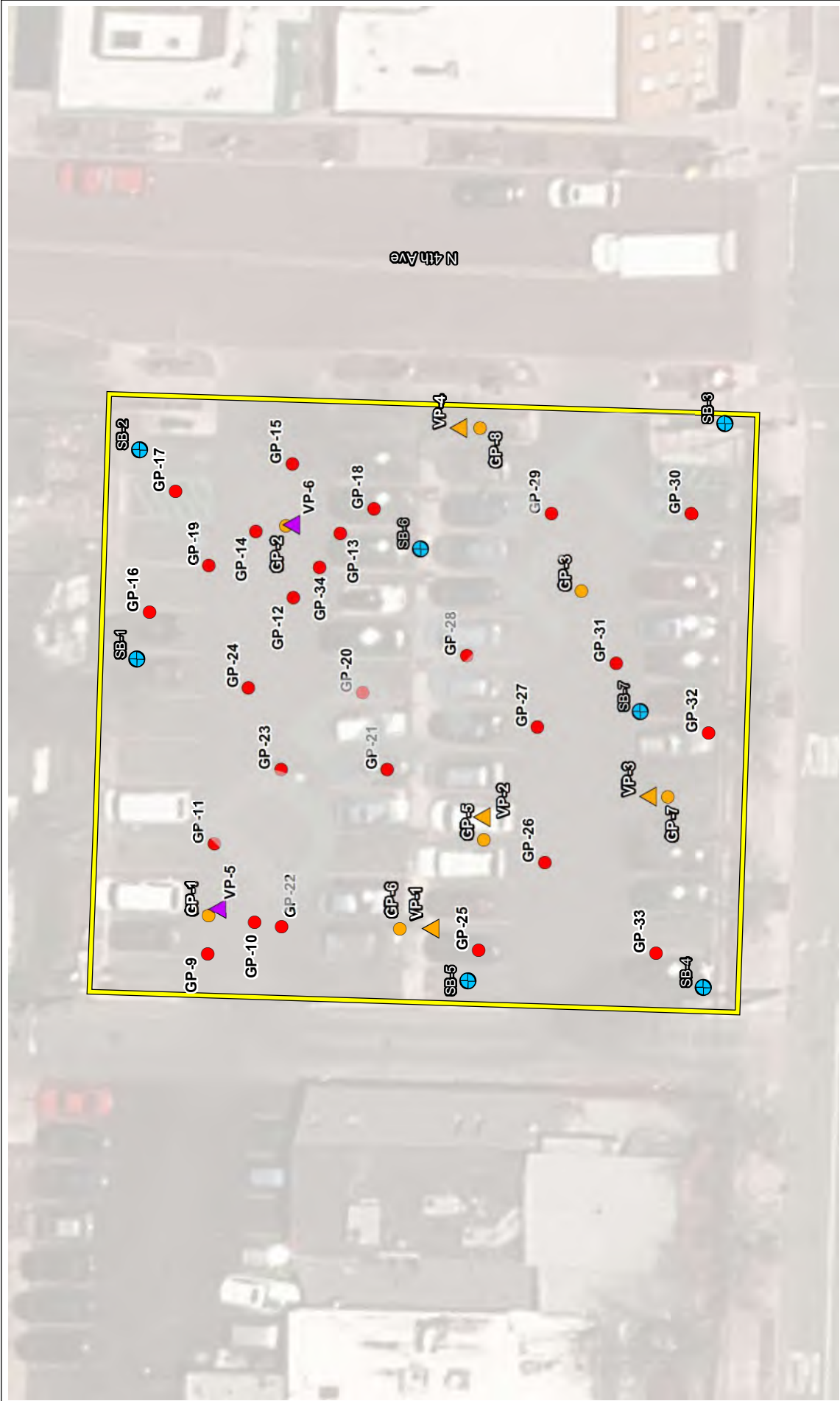
DRAFT

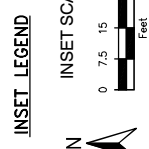
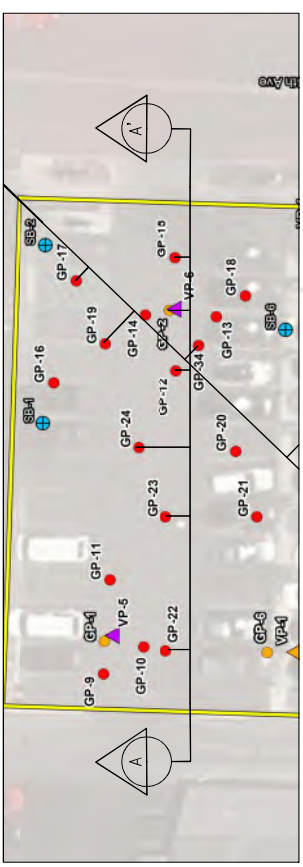
Figure 1
Sample Location Map

121 East Catherine Street,
 Ann Arbor, Michigan
 Date: 5/19/2023



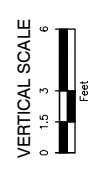
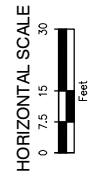
- Project Boundary
- Boring Location (March 2023)
- Soil Vapor Sample (March 2023)
- Soil Boring (May 2022)
- Vapor Well (May 2022)
- GeoTech Boring (TEC Inc.)





CROSS-SECTION LEGEND

- SOIL BORING REFUSAL
- ASPHALT
- CLAY
- FILL (BRICK, CONCRETE, COAL)
- SAND OR GRAVEL
- CONTAMINANT EXCEEDS DIRECT CONTACT CRITERION
- CONTAMINANT EXCEEDS GROUNDWATER SURFACE WATER INTERFACE PROTECTION CRITERION
- CONTAMINANT EXCEEDS DRINKING WATER PROTECTION AND GROUNDWATER SURFACE WATER INTERFACE PROTECTION CRITERIA
- CONTAMINANT EXCEEDS DIRECT CONTACT, DRINKING WATER PROTECTION, AND GROUNDWATER SURFACE WATER INTERFACE PROTECTION CRITERIA



NOTES:
 ALL UNITS FOR SOIL ARE IN UG/KG.
 ONLY RESULTS THAT EXCEED CLEANUP CRITERIA OR SCREENING LEVELS ARE SHOWN. REFER TO TABLES FOR FULL LIST OF RESULTS.
 ALL FEATURES IN THE CROSS-SECTION ARE ASSUMED 100.00 FEET (ARBITRARY DATUM).

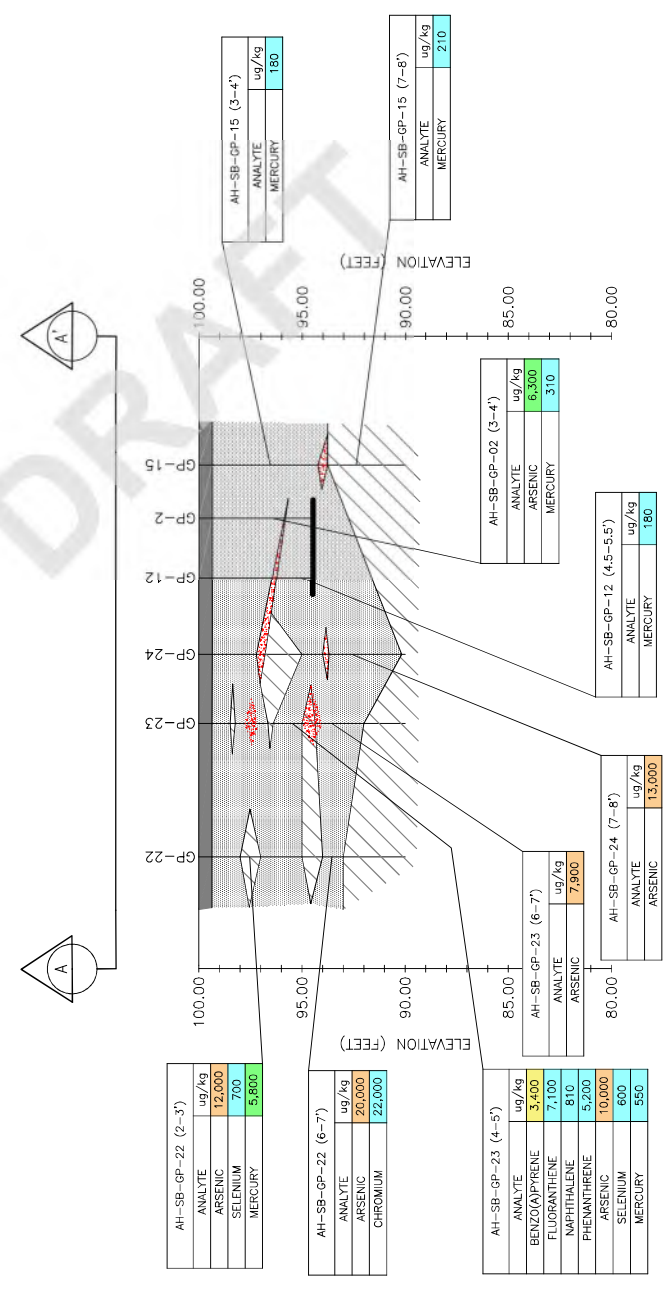
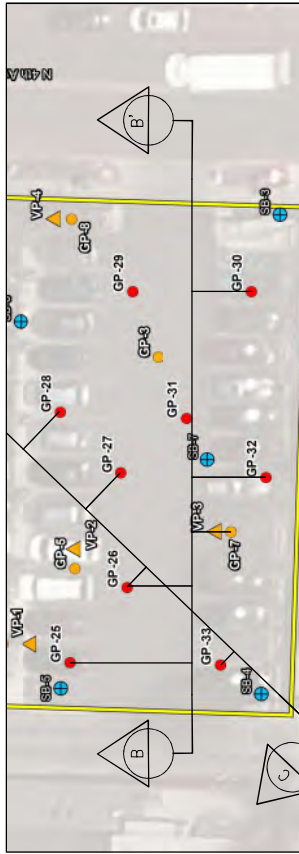


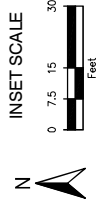
FIGURE 2.
CROSS-SECTION A-A'
121 EAST CATHERINE STREET
ANN ARBOR, MICHIGAN

Source: ECT, 2023.



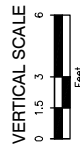
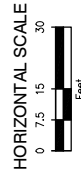


INSET LEGEND



CROSS-SECTION LEGEND

- SOIL BORING REFUSAL
- ASPHALT
- CLAY
- FILL (BRICK, CONCRETE, COAL)
- SAND OR GRAVEL
- CONTAMINANT EXCEEDS DIRECT CONTACT CRITERION
- CONTAMINANT EXCEEDS GROUNDWATER SURFACE WATER INTERFACE PROTECTION CRITERION
- CONTAMINANT EXCEEDS DRINKING WATER PROTECTION AND GROUNDWATER SURFACE WATER INTERFACE PROTECTION CRITERIA
- CONTAMINANT EXCEEDS DIRECT CONTACT, DRINKING WATER PROTECTION, AND GROUNDWATER SURFACE WATER INTERFACE PROTECTION CRITERIA



NOTES:

ALL UNITS FOR SOIL ARE IN UG/KG.
 ONLY RESULTS THAT EXCEED CLEANUP CRITERIA OR SCREENING LEVELS ARE SHOWN. REFER TO TABLES FOR FULL LIST OF RESULTS.
 ALL FEATURES IN THE CROSS-SECTION ARE ASSUMED 100.00 FEET (ARBITRARY DATUM).

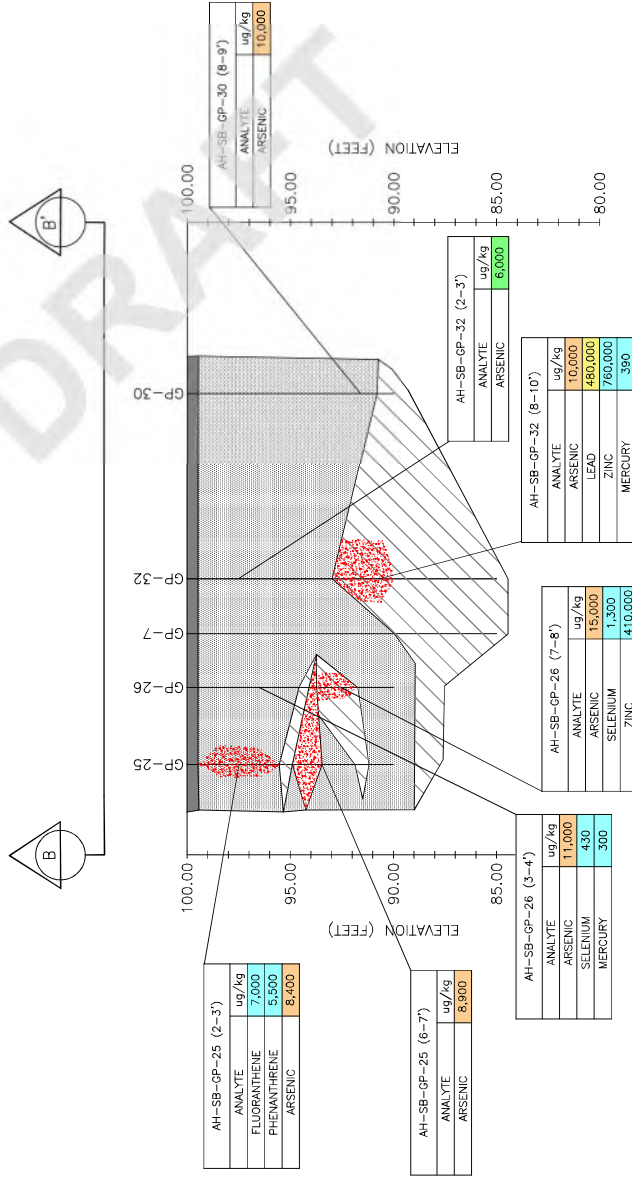
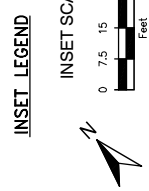
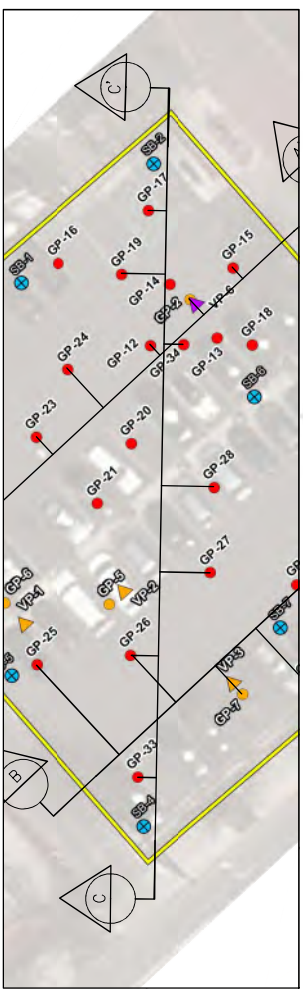


FIGURE 3.
CROSS-SECTION B-B'
121 EAST CATHERINE STREET
ANN ARBOR, MICHIGAN

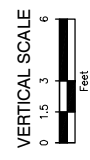
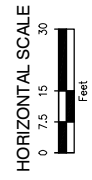
Source: ECT, 2023.





CROSS-SECTION LEGEND

- SOIL BORING REFUSAL
- ASPHALT
 - CLAY
 - FILL (BRICK, CONCRETE, COAL)
 - SAND OR GRAVEL
 - CONTAMINANT EXCEEDS DIRECT CONTACT CRITERION
 - CONTAMINANT EXCEEDS GROUNDWATER SURFACE WATER INTERFACE PROTECTION CRITERION
 - CONTAMINANT EXCEEDS DRINKING WATER PROTECTION AND GROUNDWATER SURFACE WATER INTERFACE PROTECTION CRITERIA
 - CONTAMINANT EXCEEDS DIRECT CONTACT, DRINKING WATER PROTECTION, AND GROUNDWATER SURFACE WATER INTERFACE PROTECTION CRITERIA



NOTES:
 ALL UNITS FOR SOIL ARE IN UG/KG.
 ONLY RESULTS THAT EXCEED CLEANUP CRITERIA OR SCREENING LEVELS ARE SHOWN. REFER TO TABLES FOR FULL LIST OF RESULTS.
 ALL FEATURES IN THE CROSS-SECTION ARE ASSUMED 100.00 FEET (ARBITRARY DATUM).

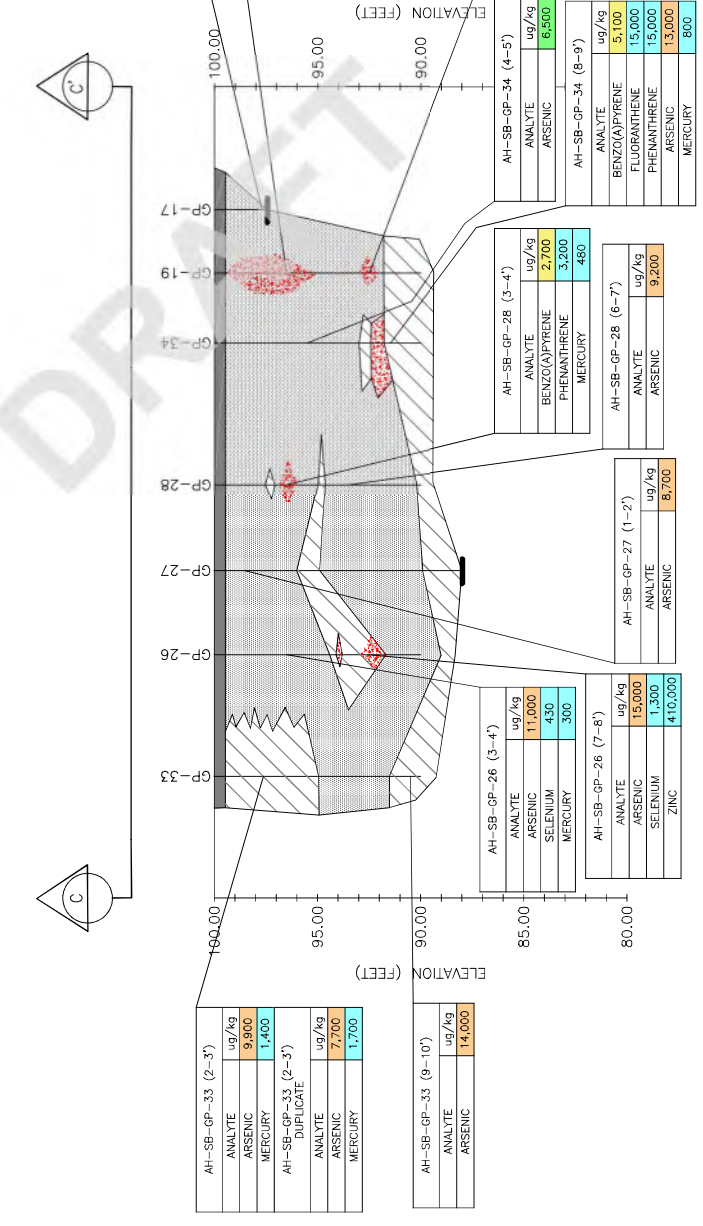


FIGURE 4.
CROSS-SECTION C-C
121 EAST CATHERINE STREET
ANN ARBOR, MICHIGAN

Source: ECT, 2023.



Appendix B

Data Tables

DRAFT

Table 2. Soil Gas Analytical Summary
121 East Catherine Street, Ann Arbor, Michigan

Matrix: Subslab Soil Gas

Cleanup Criteria: Residential and Nonresidential

	Chemical Abstract Service Numbers	VIAP Screening Levels (September 2020)		Sample Locations					
		Residential Soil Vapor	Nonresidential Soil Vapor	AH-SG-VP-01 5/31/22	AH-SG-VP-2 5/31/22	AH-SG-VP-3 5/31/22	AH-SG-VP-4 5/31/22	AH-SG-VP-5 3/16/23	AH-SG-VP-6 3/16/23
VOC, ug/m³ - Method TO-15									
Chloroform	67663	37	87	15	ns	22	9.7	na	na
1,3-Dichlorobenzene	541731	100	150	nd	ns	nd	57	na	na
trans-1,2-Dichloroethene	156605	2,800	4,100	52	ns	38	25	na	na
1,1,2,2-Tetrachloroethane	79345	15	34	nd	ns	nd	3.7	na	na
Tetrahydrofuran	109999	70,000	100,000	nd	ns	6.8	6.4	na	na
Other VOCs	varies	NL	NL	nd	ns	nd	nd	na	na
Metals, ug/m³ - Method NIOSH 6009									
Mercury	Varies	10	15	na	na	na	na	nd	nd

Notes: NA = not available
 nd = not detected
 NL = not listed in the VIAP source tables
 ns = not sampled due to water in tubing



Appendix F

Interview Documentation

Freedom of Information Act (FOIA) Requests Tracking Sheet

121 E Catherine Street Phase I ESA Update
Ann Arbor, Washtenaw County, Michigan

Agency Name	Contact Name & Title (if known)	Method of Inquiry	Attempts			Comments
			1st	2nd	3rd	
COUNTY AGENCIES						
Washtenaw County Environmental Health Department	Undisclosed Recipients	Phone: 734.222.3800 Email: zeebcss@washtenaw.org	10/18/2023	N/A	N/A	Washtenaw County provided well drilling records for the property.
Washtenaw County Public Information	Tammy Richards, FOIA Coordinator	Phone: 734.222.6737 Email: richardt@washtenaw.org	10/18/2023	10/24/2023	N/A	Washtenaw County provided well drilling records for the property via the Health Department
MUNICIPAL/LOCAL AGENCIES						
Ann Arbor Fire Department	Undisclosed Recipients	Phone: 734.794.6961 Email: fire@a2gov.org	10/18/2023	N/A	N/A	Contact City Clerk for records.
City of Ann Arbor City Clerk	Jacqueline Beaudry, City Clerk	Phone: 734.495.6140 Email: CityClerk@a2gov.org	10/18/2023	N/A	N/A	No records on file.



CITY OF ANN ARBOR, MICHIGAN

301 E. Huron Street, P.O. Box 8647, Ann Arbor, Michigan 48107-8647

Phone (734)794-6140 Fax (734)994-8296

www.a2gov.org

City Clerk

October 19, 2023

Beth Jarvis
1408 N Westshore Blvd
Tampa, FL 33607
Via Email: bjarvis@ectinc.com

Subject: Freedom of Information Act Request received October 19, 2023
2234 Jarvis

Dear Beth Jarvis:

I am responding to your attached request under the Michigan Freedom of Information Act received October 19, 2023. Your request is denied to the extent that the records do not exist.

If you receive written notice that all or a portion of your request has been denied, then under Sec. 10 of the Freedom of Information Act (FOIA) and Sec. 16 of the City's FOIA Procedures and Guidelines you may, at your option, either 1) submit to the City Administrator, within 180 days of the date of this response, a written appeal that specifically states the word "appeal" and identifies the reason(s) for reversal of the denial; or 2) commence a civil action in the Washtenaw County Circuit Court to compel the City's disclosure of the record. If, after judicial review, the circuit court determines that the City has not complied with the Act and orders disclosure of all or a portion of a public record, you may be awarded reasonable attorney's fees and damages as specified under the FOIA.

The City's FOIA Procedures and Guidelines and Written Public Summary are available online at www.a2gov.org/FOIA.

If you have any questions concerning this response, please contact the Ann Arbor City Clerk's Office at 734-794-6140.

Sincerely,

Jacqueline Beaudry
City Clerk

FOIA Request - 2234 - Jarvis

Hello, ECT is conducting an updated environmental site assessment for 121 E Catherin Street, Ann Arbor, Washtenaw County Michigan (Parcel ID# 48104; 09-09-29-135-001). As part of this assessment, we are required to interview local government agencies about any potential environmental concerns pertaining to the property and its vicinity. We are hoping to receive any available records for this area (via email preferred) pertaining to: • Fires, • Storage tanks, • Releases or incidents involving hazardous substances and/or petroleum products, • Historical or active landfills, • Dumping of materials, • Remediation sites, • Migrating contamination, and/or • Any other environmentally sensitive records.

From: [Alanis, Sarah](#)
Sent: Thursday, October 19, 2023 10:11 AM
To: [Beth Jarvis](#)
Subject: 2234 FOIA Response
Attachments: 2234 - FOIA DENIED NO RECORDS.pdf

Hello-Please see the attached response to your FOIA request.

Please note: The City of Ann Arbor does not typically have information on storage tanks or chemical storage. Much of this information is located at the MDEQ office in Jackson and/or on websites maintained by the state of Michigan for Leaking Underground Storage Tanks, Part 201 sites of contamination, and other state regulated facilities. Washtenaw County would have information on well or septic systems on the property. The state MDEQ Jackson office also keeps all information on regulated storage tanks and releases to the environment within Ann Arbor.

Thank you!

Sarah Alanis, Boards, Commissions & FOIA Coordinator (she/her/hers)

Ann Arbor City Clerk's Office | Guy C. Larcom City Hall | 301 E. Huron, 2nd Floor · Ann Arbor · MI · 48104
734.794.6140 (O) Ext: 41413

SAlanis@a2gov.org | www.a2gov.org



Think Green! Please don't print this e-mail unless absolutely necessary.



CITY OF ANN ARBOR, MICHIGAN

301 E. Huron Street, P.O. Box 8647, Ann Arbor, Michigan 48107-8647

Phone (734)794-6140 Fax (734)994-8296

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City Clerk

October 19, 2023

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Sincerely,

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City Clerk

FOIA Request - 2234 - Jarvis

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From: [Susan Tan](#)
Sent: Tuesday, October 24, 2023 2:54 PM
To: [Beth Jarvis](#)
Subject: FOIA- 121 E Catherine St
Attachments: 20231024145211465.pdf

Good Afternoon,

In response to your request for records from our office, I have attached the information we have available. Please let me know if you have any questions.

If you disagree with this decision or fees, you may submit a written appeal specifically stating "appeal" and stating the reasons for appeal, to foiaappeal@washtenaw.org or seek judicial review under Section 10 of the Act within 180 days after the County's final determination. Submit your clearly marked FOIA APPEAL to: Washtenaw County Administrator, 220 N. Main Street, Ann Arbor, MI 48107-8645, fax shall (a) reverse the denial; (b) issue a written notice upholding the denial; (c) reverse in p: 734-222-9563 or email: foiaappeal@washtenaw.org. Within ten (10) days of receiving a request for an appeal, the County Administrator art and uphold in part by written notice; or (d) issue a notice extending by ten (10) business days the time to decide the appeal.

In accordance with the Act, I am providing you the links to Washtenaw County's written FOIA Policy and related information relative to the Freedom of Information Act. This information is available at <https://nam10.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.washtenaw.org%2F1128%2FFreedom-of-Information-Act&data=05%7C01%7Cbjarvis%40ectinc.com%7C638feb6f6c074cf6363408dbd4c288c4%7C911eb1cc54d34d8ca5773bf3ccc8105c%7C0%7C0%7C638337705085663633%7CUnknown%7CTWFpbGZsb3d8eyJWljiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6Iik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=GuOMPycevrT0chEPDK1mGUiHdGQWH62HBTfce6w1MdQ%3D&reserved=0>.

If after judicial review, the Circuit Court determines that the County has not fully complied with the disclosure requirements, the Court shall award reasonable attorneys' fees, costs and disbursements. If the Court determines that the County has arbitrarily and capriciously violated the Act, it will also award punitive damages of \$1,000.00.

A copy of this request will be kept on file for no less than one (1) year.

Please let me know if you have any questions.

Thank you,
Susan Tan

734-222-3987

-----Original Message-----

From: noreply@ewashtenaw.org <noreply@ewashtenaw.org>
Sent: Tuesday, October 24, 2023 2:52 PM
To: Susan Tan <tans@washtenaw.org>
Subject: Message from "RNP002673C6047A"

This E-mail was sent from "RNP002673C6047A" (MP C6004).

Scan Date: 10.24.2023 14:52:11 (-0400)

Queries to: noreply@ewashtenaw.org



Washtenaw County
Environmental Health Division
 705 N. Zeeb Rd. PO Box 8645 Ann Arbor,
 Michigan 48107-8645
 Phone (734)222-3800 Fax (734)222-3930

Permit

Permit NO. **WELL2023-0301**

Permit Type: **Well**

Work Classification: **Non-Potable**

Parent Permit: **No Parent**

Issue Date: **07/18/2023**

Expiration: 07/18/2024

Location Address	Parcel Number	Township / District
121 Catherine St, Ann Arbor, MI 48104	09-09-29-135-001	City of Ann Arbor

Contacts

Owner	Applicant
CITY OF ANN ARBOR SURFACE PARKING PO BOX 8647, ANN ARBOR, MI 48107	CRIBLEY WELL DRILLING 8300 DEXTER-CHELSEA RD, DEXTER, MI 48130 (734)426-4400 tim@cribley.com

Description: CLOSED-LOOP GEOTHERMAL TEST BORING.

Inspection Requests:

(734) 222-3800

Please note that it is the responsibility of the contractor or owner to contact the Miss Dig notification system at 811 or 800-482-7171 and comply with all requirements of the Miss Dig Underground Facility Damage Prevention and Safety Act before starting any excavation work!

Time of Sale Related: No
 Type of Sewage Disposal: Municipal

This permit is to install a potable water well in the approved location shown on the attached plot plan and in accordance with the applicable County regulations and Michigan Water Well Construction and Pump Installation Code, Part 127, Act 368. No newly drilled wells are to be used for potable purposes until final approval is received.

Permit Conditions

Geothermal – Closed Loop

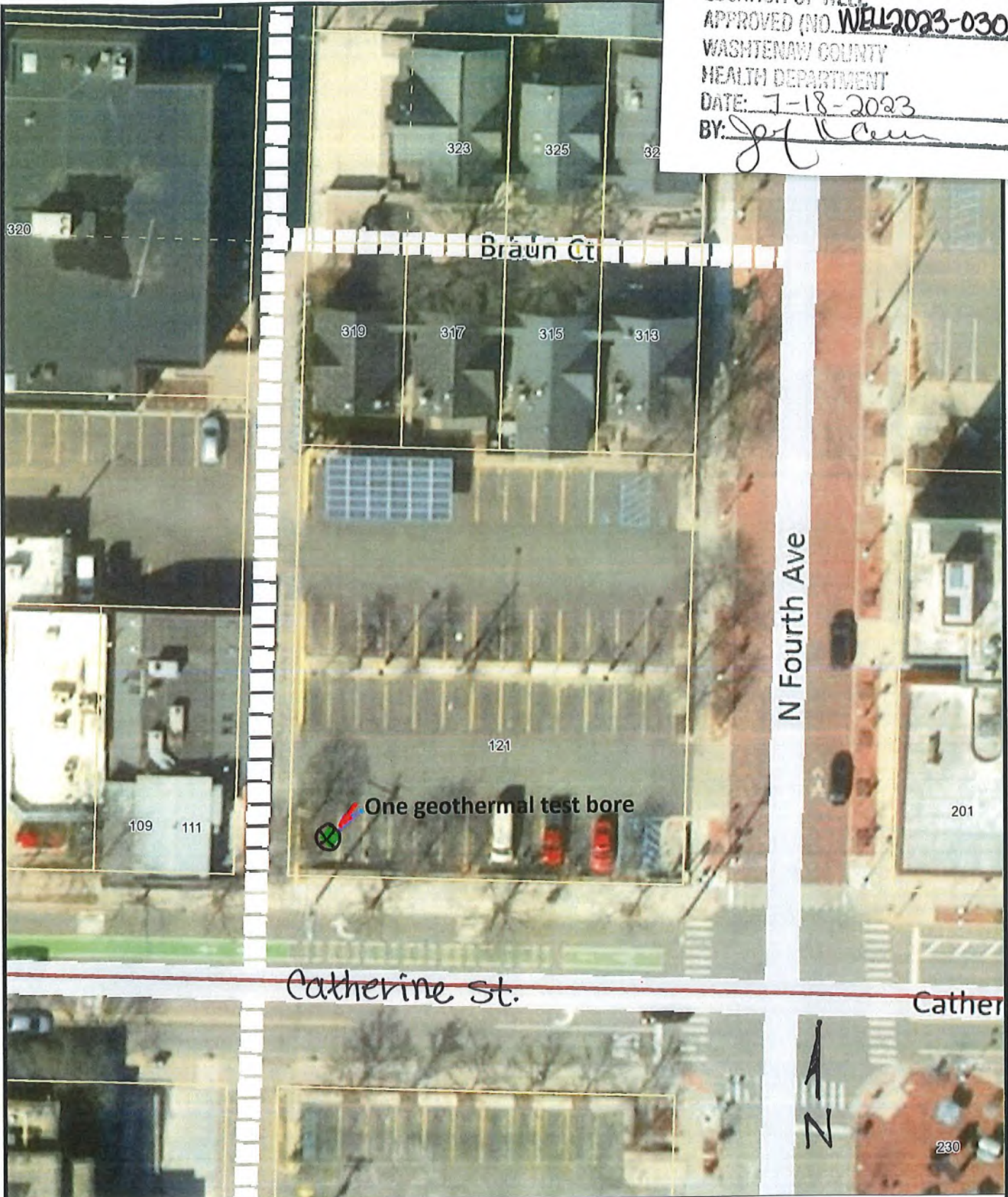
1. A copy of this permit must be available on site during drilling operations.
 2. Submit copies of the well drilling records from a Registered Well Driller, with GPS coordinates, to this Division within 60 days of drilling.
 3. Keep and retain all records related to sample data, physical measurements, and/or other data obtained as a result of drilling these wells. This Division has the right to receive this information upon request.
 4. If, at any time, the wells are not used for their intended purpose within one (1) year, the wells must be properly plugged by a Registered Well Driller.
 5. This permit is valid for twelve (12) months.
 6. The heat exchange closed loop shall be constructed in accordance with the General Construction Guidelines for Geothermal Heat Pump Closed Loop Systems (attached).
 7. The heat exchange loop shall not extend into the bottom 4 feet of borehole.
 8. The heat exchange loop shall be centered in the borehole with spacers.
 9. The heat exchange loop shall have no solvent welds within the borehole.
 10. A heat exchange closed loop shall be installed in a location meeting the following minimum horizontal separation distances:
 - Household drinking water well: 50 feet
 - Type IIb* or III* public water well: 75 feet
 - Type I* or IIa* public water well: 200 feet
 - Residential on site sewage system: 25 feet
 - Buried water service line or sewer line: 10 feet
 - Property line: 10 feet
- * As defined in 1976 PA 399, as amended, Rule 502, R 325.10502.

Jennifer Conn

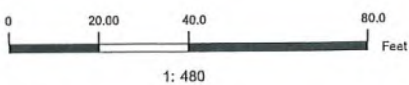
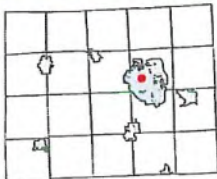
Sanitarian

7/18/2023
 Date

LOCATION OF WELL
 APPROVED (NO. WEL2023-0301)
 WASHTENAW COUNTY
 HEALTH DEPARTMENT
 DATE: 7-18-2023
 BY: Jeff Krum



121 Catherine
 Ann Arbor City
 09-09-29-135-001



7/5/2023



NOTE: Parcels may not be to scale.
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WELL PRE-DRILLING REVIEW CHECKLIST

Site Address 121 Catherine, AA City; Permit #: WELL2023-0301; New [X] OR Replacement []

Well Category: Residential []; Type II []; Type III []; Non-Potable [X] geo-closed (test)

Office review date: 7-18-23 Site review date: n/a Well Driller: Cribley

Site plan includes: (Y=Yes; N=No; NA=Not Applicable)

- Scale and north arrow and stamp Y
Acceptable proposed well location Y
Existing well(s) location n/a
Existing/proposed structures Y
Roads and driveways Y
Existing/proposed septic tank/DF/expansion areas n/a
Fuel storage tanks/ pipelines n/a
ST/DF/fuel tanks w/in 100' on adjacent parcel n/a
Sewer lines (sanitary/storm) N
Surface water (lakes, ditches, etc.) n/a
Property lines, easements, OH utility lines Y

Meets isolation requirements

Are any well deviations required? Yes [] No [X]

If yes, describe reason (save deviation documentation in the M: drive well deviations folder):

Existing well(s) on site? Yes [] No [X]

If yes, is well abandonment required on permit? Yes [] No []

Is old well in a pit? (If yes, require pit abandonment on permit) Yes [] No [X]

Is the proposed well location subject to flooding? Yes [] No []

If yes, minimum well head height included on permit: inches above grade OR elevation

Is the proposed location accessible for maintenance? Yes [X] No []

In reviewing available contamination site information are there any of the following within 2000'?

- Part 201 Enviro contamination site: Yes [X] No []
Part 211 Underground storage tank: Yes [X] No []
Part 213 L.U.S.T. Site: Yes [X] No []
Other (Biosolids, landfill, dry cleaner, road salt, etc.): Yes [] No []

Facility ID: 00005725
(University Fuel Mart)

If yes, is special well construction/sampling needed (describe):

Are there any known aquifer issues in the area of the proposed well? (If yes, include permit condition)

- Flowing Well Area Yes [X] No []
Unprotected aquifer Yes [] No [X]
Well first/Low yield/dry-hole area Yes [] No [X]
Other (quality, aesthetic, etc.): Yes [] No []

Comments: *Prohibition Zone*

Evaluated By: [Signature] Sanitarian

Date: 7/18/23



Washtenaw County
Health Department

RECEIVED
WASHTENAW COUNTY

JUL 05 2023

Building Inspection &
Environmental Health

867-

Environmental Health Division
705 N Zeeb Road • Ann Arbor, MI 48103
Phone: 734-222-3800 • Fax: 734-222-3930
www.washtenaw.org/envhealth

APPLICATION FOR NON-POTABLE WELL PROJECT

Please be advised that submitting this application in no way guarantees: (1) the property will be determined to be suitable for an onsite water supply and/or onsite wastewater disposal system; or (2) a permit will be issued for an onsite water supply and/or onsite wastewater disposal system; or (3) an approval will be given for an onsite water supply and/or onsite wastewater disposal system.

Property Information

Property Tax ID #	09-09-29.135-001	Township	City of Ann Arbor	
Property street address	121 Catherine St.	City	Ann Arbor	Zip

Property Owner Information Check if this is the primary contact for the project

Name	City of Ann Arbor Surface Parking			
Street address	PO Box 8647	City	Ann Arbor	State MI Zip 48107
Phone		Email		

Driller/Consultant Information Check if this is the primary contact for the project

Name	Cribley Drilling Co Inc			
Street address	8300 Dexter	City	Dexter	State MI Zip 48130
Phone	734-426-4400	Email	tim@cribley.com	

Type of Non-Potable Well

Fee per Well	Fee per Parcel	Fee per Part 127 Well
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Extraction Well Number of Wells: _____ x \$ fee/each Casing Diameter: _____ in. Estimated Well Depth(s): _____ ft.	<input type="checkbox"/> Dewatering Well <input type="checkbox"/> Injection Well <input checked="" type="checkbox"/> Direct Push Borings <input checked="" type="checkbox"/> Closed-Loop Geothermal Borings Number of Borings: <u>1</u> Boring Depths: <u>600</u> ft.	<input type="checkbox"/> Irrigation, Industrial or Pond Well <input type="checkbox"/> Open-Loop Geothermal - Supply Well <input type="checkbox"/> Open-Loop Geothermal - Return Well System Capacity: _____ gpm For Systems >70 gpm, LQW Registration #: _____

Project Description

Provide a scaled site plan (ideally 1:40 scale) that shows well location(s), major features of the property, contamination sources, and utilities.

Check one: Non-Residential/Commercial Residential Municipal/Right-of-Way

Project Description (attach additional pages as necessary): 1 - 600' Test boring

Name of site (if well is being drilled as part of a site investigation or clean-up): _____

Applicant Signature

I certify the information provided is complete and accurate. I acknowledge I am the property owner or am acting as an authorized representative on behalf of the property owner. I understand it is the responsibility of the contractor or property owner to contact MISS DIG at 811 or 800-482-7171 and comply with all requirements of the MISS DIG Underground Facility Damage Prevention and Safety Act before starting any excavation work.

Tammy A. Clark Date 7/5/23

Applicant Signature

Receipt Area



PAID
\$ 67.00

Office Use Only

33683

Case #	WELL2023-0301	CSS	Tonya
Case #		Sanitarian	James

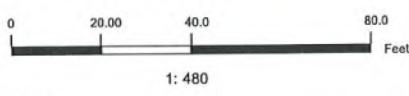
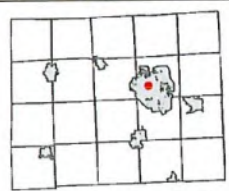


N Fourth Ave

Braun Ct

One geothermal test bore

Cather



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Washtenaw County
Environmental Health Division
 705 N. Zeeb Rd. PO Box 8645 Ann Arbor,
 Michigan 48107-8645
 Phone (734)222-3800 Fax (734)222-3930

Permit

Permit NO. **WELL2023-0301**

Permit Type: **Well**

Work Classification: **Non-Potable**

Parent Permit: **No Parent**

Issue Date: **07/18/2023**

Expiration: 07/18/2024

Location Address	Parcel Number	Township / District
121 Catherine St, Ann Arbor, MI 48104	09-09-29-135-001	City of Ann Arbor

Contacts

Owner	Applicant
CITY OF ANN ARBOR SURFACE PARKING PO BOX 8647, ANN ARBOR, MI 48107	CRIBLEY WELL DRILLING 8300 DEXTER-CHELSEA RD, DEXTER, MI 48130 (734)426-4400 tim@cribley.com

Description: CLOSED-LOOP GEOTHERMAL TEST BORING.

Inspection Requests:

(734) 222-3800

Please note that it is the responsibility of the contractor or owner to contact the Miss Dig notification system at 811 or 800-482-7171 and comply with all requirements of the Miss Dig Underground Facility Damage Prevention and Safety Act before starting any excavation work!

Time of Sale Related: No
 Type of Sewage Disposal: Municipal

This permit is to install a potable water well in the approved location shown on the attached plot plan and in accordance with the applicable County regulations and Michigan Water Well Construction and Pump Installation Code, Part 127, Act 368. No newly drilled wells are to be used for potable purposes until final approval is received.

Permit Conditions

Geothermal – Closed Loop

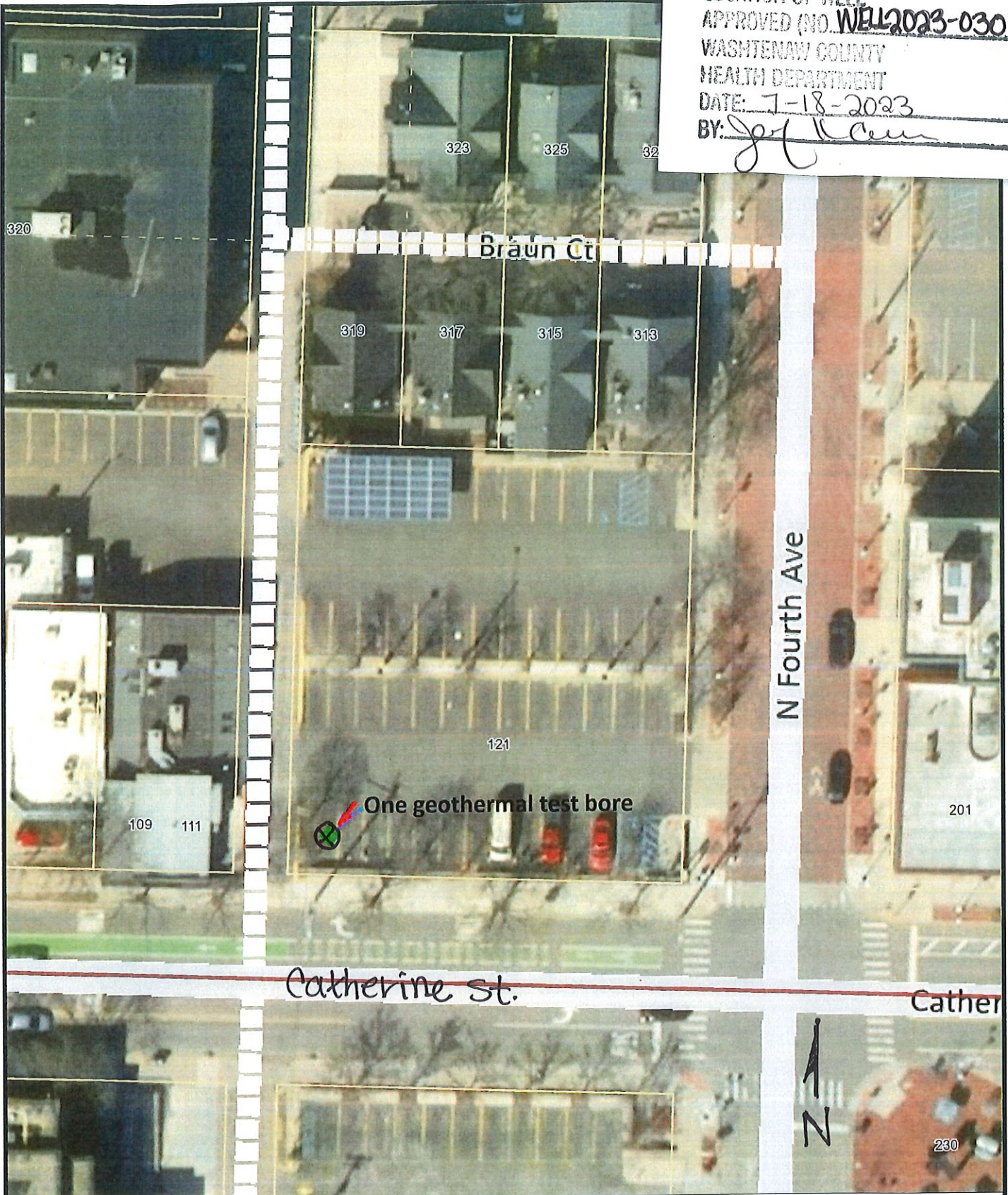
1. A copy of this permit must be available on site during drilling operations.
 2. Submit copies of the well drilling records from a Registered Well Driller, with GPS coordinates, to this Division within 60 days of drilling.
 3. Keep and retain all records related to sample data, physical measurements, and/or other data obtained as a result of drilling these wells. This Division has the right to receive this information upon request.
 4. If, at any time, the wells are not used for their intended purpose within one (1) year, the wells must be properly plugged by a Registered Well Driller.
 5. This permit is valid for twelve (12) months.
 6. The heat exchange closed loop shall be constructed in accordance with the General Construction Guidelines for Geothermal Heat Pump Closed Loop Systems (attached).
 7. The heat exchange loop shall not extend into the bottom 4 feet of borehole.
 8. The heat exchange loop shall be centered in the borehole with spacers.
 9. The heat exchange loop shall have no solvent welds within the borehole.
 10. A heat exchange closed loop shall be installed in a location meeting the following minimum horizontal separation distances:
 - Household drinking water well: 50 feet
 - Type IIb* or III* public water well: 75 feet
 - Type I* or IIa* public water well: 200 feet
 - Residential on site sewage system: 25 feet
 - Buried water service line or sewer line: 10 feet
 - Property line: 10 feet
- * As defined in 1976 PA 399, as amended, Rule 502, R 325.10502.

Jennifer Conn

Sanitarian

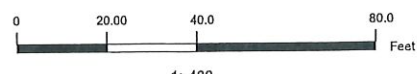
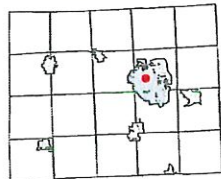
7/18/2023
 Date

LOCATION OF WELL
 APPROVED (NO. WEL2023-0301)
 WASHTENAW COUNTY
 HEALTH DEPARTMENT
 DATE: 7-18-2023
 BY: Jeff Krum



121 Catherine
 Ann Arbor City
 09-09-29-135-001

© 2013 Washtenaw County



7/5/2023



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WELL PRE-DRILLING REVIEW CHECKLIST

Site Address 121 Catherine, AA City; Permit #: WELL2023-0301; New [X] OR Replacement []

Well Category: Residential []; Type II []; Type III []; Non-Potable [X] geo-closed (test)

Office review date: 7-18-23 Site review date: n/a Well Driller: Cribley

Site plan includes: (Y=Yes; N=No; NA=Not Applicable)

- Scale and north arrow and stamp Y
Acceptable proposed well location Y
Existing well(s) location n/a
Existing/proposed structures Y
Roads and driveways Y
Existing/proposed septic tank/DF/expansion areas n/a
Fuel storage tanks/ pipelines n/a
ST/DF/fuel tanks w/in 100' on adjacent parcel n/a
Sewer lines (sanitary/storm) N
Surface water (lakes, ditches, etc.) n/a
Property lines, easements, OH utility lines Y

Meets isolation requirements

Are any well deviations required? Yes [] No [X]

If yes, describe reason (save deviation documentation in the M: drive well deviations folder):

Existing well(s) on site? Yes [] No [X]

If yes, is well abandonment required on permit? Yes [] No []

Is old well in a pit? (If yes, require pit abandonment on permit) Yes [] No [X]

Is the proposed well location subject to flooding? Yes [] No []

If yes, minimum well head height included on permit: inches above grade OR elevation

Is the proposed location accessible for maintenance? Yes [X] No []

In reviewing available contamination site information are there any of the following within 2000'?

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Part 211 Underground storage tank: Yes [X] No []
Part 213 L.U.S.T. Site: Yes [X] No []
Other (Biosolids, landfill, dry cleaner, road salt, etc.): Yes [] No []

Facility ID: 00005725
(University Fuel Mart)

If yes, is special well construction/sampling needed (describe):

Are there any known aquifer issues in the area of the proposed well? (If yes, include permit condition)

- Flowing Well Area Yes [X] No []
Unprotected aquifer Yes [] No [X]
Well first/Low yield/dry-hole area Yes [] No [X]
Other (quality, aesthetic, etc.): Yes [] No []

Comments: *Prohibition Zone*

Evaluated By: [Signature] Sanitarian

Date: 7/18/23



Washtenaw County
Health Department

RECEIVED
WASHTENAW COUNTY

JUL 05 2023

Building Inspection &
Environmental Health

B67-

Environmental Health Division
705 N Zeeb Road • Ann Arbor, MI 48103
Phone: 734-222-3800 • Fax: 734-222-3930
www.washtenaw.org/envhealth

APPLICATION FOR NON-POTABLE WELL PROJECT

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Property Information

Property Tax ID #	09-09-29.135-001	Township	City of Ann Arbor	
Property street address	121 Catherine St.	City	Ann Arbor	Zip

Property Owner Information Check if this is the primary contact for the project

Name	City of Ann Arbor Surface Parking			
Street address	PO Box 8647	City	Ann Arbor	Zip
Phone		State	MI	Zip
				48107
		Email		

Driller/Consultant Information Check if this is the primary contact for the project

Name	Cribley Drilling Co Inc			
Street address	8300 Dexter	City	Dexter	Zip
Phone	734-426-4400	State	MI	Zip
				48130
		Email	tim@cribley.com	

Type of Non-Potable Well

Fee per Well	Fee per Parcel	Fee per Part 127 Well
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Extraction Well Number of Wells: _____ x \$ fee/each Casing Diameter: _____ in. Estimated Well Depth(s): _____ ft.	<input type="checkbox"/> Direct Push Borings <input checked="" type="checkbox"/> Closed-Loop Geothermal Borings Number of Borings: <u>1</u> Boring Depths: <u>600</u> ft.	<input type="checkbox"/> Irrigation, Industrial or Pond Well <input type="checkbox"/> Open-Loop Geothermal - Supply Well <input type="checkbox"/> Open-Loop Geothermal - Return Well System Capacity: _____ gpm For Systems >70 gpm, LQW Registration #: _____
<input type="checkbox"/> Dewatering Well <input type="checkbox"/> Injection Well		

Project Description

Provide a scaled site plan (ideally 1:40 scale) that shows well location(s), major features of the property, contamination sources, and utilities.

Check one: Non-Residential/Commercial Residential Municipal/Right-of-Way

Project Description (attach additional pages as necessary): 1 - 600' Test boring

Name of site (if well is being drilled as part of a site investigation or clean-up): _____

Applicant Signature

I certify the information provided is complete and accurate. I acknowledge I am the property owner or am acting as an authorized representative on behalf of the property owner. I understand it is the responsibility of the contractor or property owner to contact MISS DIG at 811 or 800-482-7171 and comply with all requirements of the MISS DIG Underground Facility Damage Prevention and Safety Act before starting any excavation work.

Tammy A. Clark Date 7/5/23
Applicant Signature

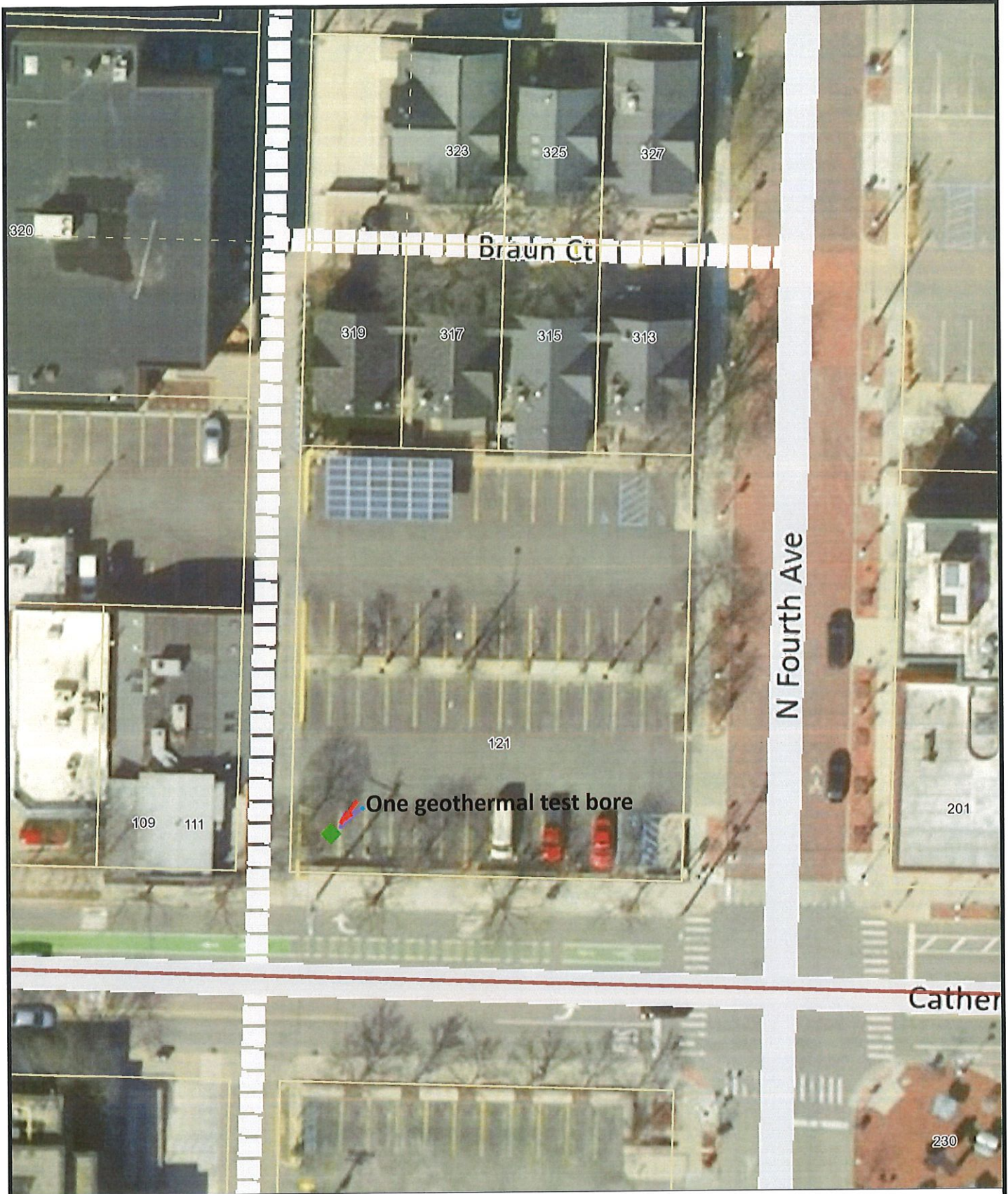
Receipt Area



PAID
\$67.00

Office Use Only

Case #	WELL2023-0301	CSS	Tonya
Case #		Sanitarian	James

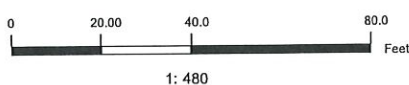
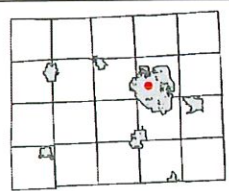


One geothermal test bore

N Fourth Ave

Braun Ct

Cather



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7/5/2023

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From: [Tammy Richards](#)
Sent: Thursday, October 26, 2023 10:21 AM
To: [Beth Jarvis](#)
Subject: RE: FOIA Request - Washtenaw County, MI (follow-up)

My understanding is that this was released on 10/24

From: Beth Jarvis <bjarvis@ectinc.com>
Sent: Wednesday, October 25, 2023 8:46 AM
To: Tammy Richards <richardt@washtenaw.org>
Subject: RE: FOIA Request - Washtenaw County, MI (follow-up)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Thank you for the update, I appreciate it!

Beth A. Jarvis

Senior Project Coordinator | Due Diligence

Environmental Consulting & Technology, Inc.

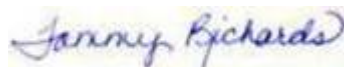
1408 North Westshore Boulevard | Suite 115 | Tampa, Florida 33607
Direct: 813.725.9414

From: Tammy Richards <richardt@washtenaw.org>
Sent: Wednesday, October 25, 2023 8:09 AM
To: Beth Jarvis <bjarvis@ectinc.com>
Subject: RE: FOIA Request - Washtenaw County, MI (follow-up)

Ms Jarvis,

The October 18th request is in process. A response in accordance would be due on the 26th unless an extension is needed. I have forwarded your inquiry to determine if they are close to being finish or in the event its been completed a delivery/response issue.

Thank you
Tammy



Tammy Richards
Risk Management Analyst/FOIA Coordinator
Washtenaw County
220 N. Main Street, PO Box 8645
Ann Arbor, MI 48107-8645
www.washtenaw.org



From: Beth Jarvis <bjarvis@ectinc.com>
Sent: Tuesday, October 24, 2023 3:05 PM
To: Tammy Richards <richardt@washtenaw.org>
Subject: FOIA Request - Washtenaw County, MI (follow-up)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello,

Just following up on a previous email request. Are there any records available for the subject property? If no records are available, please let me know.

Thank you,
Beth

Beth A. Jarvis

Senior Project Coordinator | Due Diligence

Environmental Consulting & Technology, Inc.

1408 North Westshore Boulevard | Suite 115 | Tampa, Florida 33607

Direct: 813.725.9414

From: Beth Jarvis
Sent: Wednesday, October 18, 2023 1:35 PM
To: richardt@washtenaw.org
Subject: FOIA Request - Washtenaw County, MI

Hello,

We are conducting an updated environmental site assessment for 121 E Catherine Street, Ann Arbor, Washtenaw County Michigan (Parcel ID# 48104; 09-09-29-135-001). As part of this assessment, we are required to interview local government agencies about any potential environmental concerns pertaining to the property and its vicinity. We are hoping to receive any available records for this area (via email preferred) pertaining to:

- Wells,
- Septic systems,
- Storage tanks,
- Releases or incidents involving hazardous substances and/or petroleum products,
- Historical or active landfills,
- Dumping of materials,
- Remediation sites,
- Migrating contamination, and/or
- Any other environmentally sensitive records.

A general site map is included for reference.

Your time is appreciated, thank you.

Beth A. Jarvis

Senior Project Coordinator | Due Diligence

Environmental Consulting & Technology, Inc.

1408 North Westshore Boulevard | Suite 115 | Tampa, Florida 33607
Direct: 813.725.9414

121 CATHERINE ST Ann Arbor, MI 48104 (Property Address)

Parcel Number: 09-09-29-135-001



Item 1 of 1 1 Image / 0 Sketches

Property Owner: CITY OF ANN ARBOR

Summary Information

> Assessed Value: \$0 | Taxable Value: \$0 > Property Tax information found

Parcel is Vacant

Owner and Taxpayer Information

Owner	CITY OF ANN ARBOR Surface Parking * PO BOX 8647 Ann Arbor, MI 48107	Taxpayer	SEE OWNER INFORMATION
--------------	--	-----------------	-----------------------

General Information for Tax Year 2023

Property Class	202 COMMERCIAL-VACANT	Unit	09 CITY OF ANN ARBOR
School District	ANN ARBOR PUBLIC SCHOOLS	Assessed Value	\$0
Map #	No Data to Display	Taxable Value	\$0
User Num Idx	3	State Equalized Value	\$0
User Alpha 1	No Data to Display	Date of Last Name Change	06/06/2007
User Alpha 3	No Data to Display	Notes	Not Available
Historical District	No	Census Block Group	No Data to Display
User Alpha 2	No Data to Display	Exemption	No Data to Display

Principal Residence Exemption Information

Homestead Date No Data to Display

Principal Residence Exemption	June 1st	Final
2023	0.0000 %	0.0000 %

Previous Year Information

Year	MBOR Assessed	Final SEV	Final Taxable
2022	\$0	\$0	\$0

Land Information

Zoning Code	D2	Total Acres	0.381
Land Value	\$0	Land Improvements	\$0
Renaissance Zone	No	Renaissance Zone Expiration Date	No Data to Display
ECF Neighborhood	200 CBD COMMERCIAL	Mortgage Code	No Data to Display
Lot Dimensions/Comments	No Data to Display	Neighborhood Enterprise Zone	No

Lot(s)	Frontage	Depth
Lot 1	134.00 ft	124.00 ft
Total Frontage: 134.00 ft		Average Depth: 124.00 ft

Legal Description

LOT 27 ASSESSORS PLAT NO 29

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

Sale History

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

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JOHN ENGLER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
JACKSON DISTRICT OFFICE



RUSSELL J. HARDING
DIRECTOR

September 27, 2002

**SUBMITTAL OF A
BASELINE ENVIRONMENTAL ASSESSMENT**

Submitter:

Armada Oil & Gas Company, Inc.,
13530 Michigan Avenue
Suite 400
Dearborn, Michigan 48126

BEA ID No.:

B200200397-JK

The Department of Environmental Quality (DEQ) has received on September 24, 2002, a Baseline Environmental Assessment (BEA) for disclosure dated August 26, 2002, and prepared by AKT Peerless Environmental Services for the above submitter. This BEA disclosure was submitted pursuant to Section 20126(1)(c) of Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA), MCL 324.20126.

The submitter has not requested a written determination by the DEQ on the adequacy of the BEA, as allowed in Section 20129a of Part 201 of the NREPA. The DEQ may, if needed, review the BEA in the future to evaluate the adequacy of the BEA. If the BEA is determined to be inadequate, the submitter may be liable under Part 201 for the contamination at the facility.

The DEQ is not at this time making any findings about whether the submitter is otherwise liable or covered by any other exemption from liability under Part 201. This BEA does not alter liability with regard to a subsequent release or threat of release or any exacerbation of existing conditions. This BEA is only for the person and property identified in the petition. The use of the property and any response activity undertaken must be in accordance with the requirements of all applicable or relevant and appropriate state and federal laws and regulations. Liability protection is conditioned on the timely and satisfactory completion of any response activities described in the submittal. Pursuant to R 299.5919(2), if the submitter sells or transfers the property, the submitter is required to disclose the BEA to a subsequent owner or operator in order to be entitled to an exemption from liability.

This BEA is based on the proposed use of hazardous substances identified in the BEA. The DEQ will maintain an administrative record of each BEA. If at any time you provide the DEQ with post-BEA information related to your BEA, the DEQ will retain such information with the administrative record. Such post-BEA information will not be considered part of the BEA and acceptance of such information by the DEQ should in no way be construed to mean the DEQ will review or advise the submitter regarding the adequacy of such information for any purpose.

Notwithstanding the submittal of the BEA in accordance with Part 201, the submitter may have responsibility under other laws, including, but not limited to Part 111 (Hazardous Waste Management), Part 211 (Underground Storage Tank Regulations), Part 213 (Leaking Underground Storage Tanks), and Part 615 (Supervisor of Wells) of the NREPA.

The submitter, as the owner and/or operator of a facility, has the following Due Care responsibilities under Section 20107a of Part 201 and the Due Care Rules, unless covered by the exemptions in Section 20107a(4) or (5):

- Undertake measures as are necessary to prevent exacerbation of the existing contamination.
- Exercise due care by undertaking response activity necessary to mitigate unacceptable exposure to hazardous substances, mitigate fire and explosion hazards due to hazardous substances, and allow for the intended use of the facility in a manner that protects the public health and safety.
- Take reasonable precautions against the reasonable foreseeable acts or omissions of a third party and the consequences that foreseeably could result from those acts or omissions.
- Notify the DEQ if there are discarded or abandoned containers that contain hazardous substances on the property using Form EPQ4476.
- Notify the DEQ if contaminants are migrating off the property using Form EPQ4482.
- Notify the local fire department if there is a fire or explosion hazard.
- Notify utility and easement holders if contaminants could cause unacceptable exposures and/or fire and explosion hazards.

Rule 1003(4) requires a person who is subject to the provisions of Section 20107a to maintain documentation of compliance with these requirements and to provide such documentation to the DEQ upon request. If the property use changes in the future, additional due care measures may be necessary. The property owner and/or operator must re-evaluate and document their continued compliance with Section 7a.

The BEA constitutes a response activity, consequently, this submittal is subject to Section 20137(4) and (5) of the NREPA.

Authorized signature:



Mitch Adelman, District Supervisor
Remediation and Redevelopment Division
517-780-7852



FOR DEQ USE ONLY
BEA Disclosure # <u>B200200397JR</u>

DISCLOSURE OF A BASELINE ENVIRONMENTAL ASSESSMENT
(FORM EQP4446(REV.3/99))

(Under the authority of Part 201, 1994 Act 451, as amended, and the Rules promulgated thereunder)

DO NOT use this form for requesting a Baseline Environmental Assessment ("BEA") adequacy determination, OR if the property is not a facility, OR if the BEA was complete before the effective date of the BEA rules. Please answer the following questions as completely as possible.

<p>Name and address of submitter* (individual or legal entity): <u>Armada Oil & Gas Company Inc.</u> <u>13530 Michigan Avenue</u> <u>Suite 400</u> <u>Dearborn, Michigan 48126</u></p>	<p>Status relative to the property:</p> <table border="0"> <tr> <td></td> <td style="text-align: center;">Former</td> <td style="text-align: center;">Current</td> </tr> <tr> <td>Prospective</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Owner* <input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Operator* <input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </table>		Former	Current	Prospective	<input type="checkbox"/>	<input type="checkbox"/>	Owner* <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Operator* <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>Address/location of property where BEA was conducted: <u>300 North Main Street</u> <u>Ann Arbor, Michigan</u></p>
	Former	Current												
Prospective	<input type="checkbox"/>	<input type="checkbox"/>												
Owner* <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>												
Operator* <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>												

County: Washtenaw

Provide the property tax identification number(s) or, if applicable, the ward and item number(s) for the property identified in the BEA. Required pursuant to Rule 907.
09-09-29-135-025

Contact person: Mr. Allie Berry Telephone #: (313) 582-1777

If the address of the person seeking liability protection above is different from the address that should be used to correspond with the contact person, please provide the contact person's address:

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DEPT. OF ENVIRONMENTAL QUALITY
JACKSON DISTRICT OFFICE

Check the appropriate response to each of the following questions.

- Is it known that the source of contamination at the property is primarily from any of the following?

• A leaking underground storage tank (UST) regulated under Part 213, 1994 PA 451, as amended.	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
• A licensed landfill or solid waste management facility.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• A licensed hazardous waste treatment, storage, or disposal facility.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• Oil and gas development related activities.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

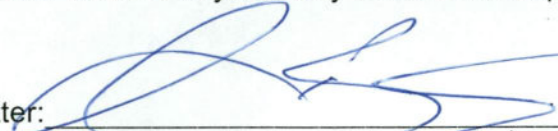
The source of the release that resulted in this property becoming a "facility" will determine which DEQ division will maintain a file regarding this BEA.
- Based on the Part 201 Rules, this BEA is a:

Category N	<input type="checkbox"/>
Category D	<input type="checkbox"/>
Category S	<input checked="" type="checkbox"/>
- Is the property at which the BEA was conducted a "facility" as defined by Section 20101? If the answer to this question is NO, do not submit the BEA to the DEQ.

YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

4. Was the BEA conducted* prior to or within 45 days after the date of purchase*, occupancy, or foreclosure of the property, whichever is earliest, and completed* not more than 15 days after the date required by Section 20126(1)(c) or Rule 299.5903(8)? If the answer to either portion of this question is no, you are ineligible for an exemption from liability based on the BEA. YES NO
5. Is the BEA being disclosed to the DEQ no later than 8 months after the earliest of the date of purchase, occupancy, or foreclosure? All disclosures pursuant to Rule 919(3) must be submitted to the DEQ no later than 8 months after the earliest of the date of purchase, occupancy, or foreclosure. YES NO
6. Are any USTs or abandoned or discarded containers identified in the BEA? If yes, this information must be provided on Form EQP4476. YES NO
7. Does this BEA rely on an isolation zone or an engineering control that requires an affidavit pursuant to Rule 299.5909(3) or 299.5909(4)? If yes, a completed affidavit, Form EQP4479, must be attached or the BEA will not be considered complete. YES NO

With my signature below, I certify that the enclosed BEA and all related materials are complete and accurate to the best of my knowledge and belief. I understand that intentionally submitting false information to the DEQ is a felony and may result in fines up to \$25,000 for each violation.

Signature of Submitter: 
 (Person legally authorized to bind the person seeking liability protection)

8-26-02
 Date

Name (Typed or Printed) Mr. Allie Berry
 Title Vice President



**AFFIDAVIT IN SUPPORT OF A DISCLOSURE RELYING ON ISOLATION ZONES OR
ENGINEERING CONTROLS OR OTHER SIMILAR FEATURES
FOR A BASELINE ENVIRONMENTAL ASSESSMENT (FORM EQP4479)**

(Under the authority of Part 201, 1994 Act 451, as amended, and the Rules promulgated thereunder)

STATE OF Michigan)
)
COUNTY OF Wayne)

The purpose of this Affidavit is to set forth certain information and documentation to enable the Michigan Department of Environmental Quality (hereinafter the "DEQ") to make a finding of adequacy, at a time the DEQ determines to be appropriate, on the Baseline Environmental Assessment ("BEA") disclosed pursuant to Section 20126(1)(c) of Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act (hereinafter the "NREPA"), 1994 PA 451, as amended. All terms found in this document which are defined in the NREPA, Part 3, Part 201, and the Part 201 Rules, shall have the same meaning as in the statute and the Part 201 Rules.

The undersigned Affiant, being first duly sworn, deposes and says as follows:

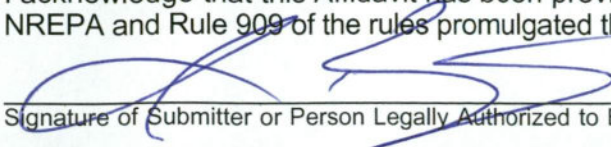
1. **THIS AFFIDAVIT** is executed by the undersigned Mr. Allie Berry, whose title is Vice President, on behalf of Armada Oil & Gas Company Inc. (hereinafter "the Submitter") located at 13530 Michigan Avenue in Dearborn, Michigan 48126.
2. The Submitter purchased a property located at 300 North Main Street in Ann Arbor, Michigan (hereinafter the "Property") on June 27, 2002.
3. The Property referred to in this BEA is a "Facility."
4. The language in this Affidavit does not deviate from that in the model Affidavit, Form EQP4479, except as provided for in item #6.
5. The BEA included in this disclosure was conducted on August 1, 2002 and completed on August 11, 2002. The BEA, to the best of the Submitter's knowledge and belief, reasonably defines the existing conditions and circumstances at the facility so that in the event of a release subsequent to the Submitter's purchase of the Property, there is a means of distinguishing any new release from existing contamination.
6. The submitter acknowledges that if there is a failure of an existing engineering control or similar feature identified in the BEA, and if a release occurs as a result of the failure, the BEA does not provide an exemption to liability for response activity necessary to address contamination resulting from the failure. The burden of distinguishing the release attributable to the failure of the engineering control from existing contamination shall be borne by the submitter according to Section 29 of Part 201.

I affirm that the above representations are true and are based upon my personal knowledge and belief after all reasonable inquiry.

I certify that I am legally authorized to execute this Affidavit and to bind the Submitter to the terms and conditions of this Affidavit.

I understand that intentionally submitting false information to the DEQ is a felony and may result in fines of up to \$25,000 for each violation.

I acknowledge that this Affidavit has been provided pursuant to Section 20126(1)(c) of the NREPA and Rule 909 of the rules promulgated thereunder.



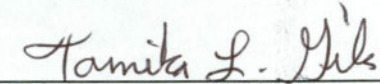
Signature of Submitter or Person Legally Authorized to Bind Submitter

8/26/02

Date

Mr. Allie Berry
Print or Type Legal Name

SUBSCRIBED AND SWORN to before me this 26 day of August, 2002, a Notary Public in and for Wayne County, Michigan.



Notary Public

My Commission Expires: 7/24/2006

TAMIKA L. GILES
Notary Public, Wayne County, MI
My Commission Expires 07/24/2006

RECEIVED

SEP 13 2002

DEPT. OF ENVIRONMENTAL QUALITY
JACKSON DISTRICT OFFICE

**BASELINE ENVIRONMENTAL ASSESSMENT
CONDUCTED PURSUANT TO SECTION 20126(1)(C)
OF 1994 PA 451, PART 201, AS AMENDED
AT
300 NORTH MAIN STREET
ANN ARBOR, MICHIGAN**

Prepared for

**ARMADA OIL AND GAS COMPANY
DEARBORN, MICHIGAN**

**PROJECT NO. 3657F-2-26
AUGUST 11, 2002**

CONTENTS

1.0	<u>IDENTIFICATION OF AUTHOR AND DATE OF BEA COMPLETION</u>	1
2.0	<u>INTRODUCTION</u>	1
2.1	CATEGORY SELECTION	2
2.2	SITE HISTORY	2
2.3	SUMMARY OF PREVIOUS ENVIRONMENTAL INVESTIGATIONS	3
2.3.1	<u>ESTI's 1993 Final Assessment Report</u>	4
2.3.2	<u>ESTI's 1992 and November 9, 1993 Subsurface Investigations</u>	4
2.3.3	<u>Delta Environmental Consultants September 26, 1996 Closure Report</u>	4
2.3.4	<u>Delta's May 15, 2002 Property Divestment Assessment</u>	4
2.3.5	<u>AKT Peerless' July 31, 2002 Phase I Environmental Site Assessment</u>	4
3.0	<u>PROPERTY DESCRIPTION AND INTENDED HAZARDOUS SUBSTANCE USE</u>	5
3.1	PROPERTY DESCRIPTION.....	5
3.2	INTENDED LAND USE	6
3.3	INTENDED HAZARDOUS SUBSTANCE USE	6
4.0	<u>KNOWN CONTAMINATION</u>	7
4.1	HAZARDOUS SUBSTANCES AT THE FACILITY.....	7
4.2	CRITERIA FOR DEFINING PROPERTY AS A FACILITY.....	8
4.3	IDENTIFICATION OF GENERAL LOCATIONS OF CONTAMINATION	9
4.3.1	<u>Property Features (Structures and Existing Underground Utilities)</u>	9
4.3.2	<u>Subsurface Conditions</u>	9
4.3.2.1	Soil	9
4.3.2.2	Groundwater	10
4.3.3	<u>Media Affected at the Property</u>	10
5.0	<u>LIKELIHOOD OF OTHER CONTAMINATION</u>	10
6.0	<u>CONCLUSIONS</u>	11
8.0	<u>SIGNATURE PAGE</u>	13

CONTENTS
(Cont.)

FIGURE

1. Topographic Location Map
2. Property/Surrounding Area Map

TABLES

1. Summary of Soil Analytical Results
2. Summary of Groundwater Analytical Results

APPENDICES

- A. AKT Peerless' Phase I Environmental Site Assessment Report, dated July 31, 2002
- B. Legal Description of Subject Property
- C. AKT Peerless' Professional Experience

**BASELINE ENVIRONMENTAL ASSESSMENT
CONDUCTED PURSUANT TO SECTION 20126(1)(C)
OF 1994, PA 451, PART 201, AS AMENDED
AND THE RULES PROMULGATED THEREUNDER**

**AT
300 NORTH MAIN STREET
ANN ARBOR, MICHIGAN**

PROJECT NO. 3657F-2-26

1.0 IDENTIFICATION OF AUTHOR AND DATE OF BEA COMPLETION

AKT Peerless Environmental Services (AKT Peerless) prepared this Baseline Environmental Assessment (BEA) on behalf of Armada Oil and Gas Company (Armada Oil) for the property located at 300 North Main Street in Ann Arbor, Michigan (subject property). AKT Peerless' scope of work was based on (1) Section 20126(1)(c) of Part 201 of the Natural Resources and Environmental Protection Act (NREPA), 1994 Public Act (PA) 451, as amended, and (2) Michigan Department of Environmental Quality (MDEQ) *Instructions for Preparing and Disclosing Baseline Environmental Assessments and Section 7a Compliance Analysis*, dated March 11, 1999. This BEA was conducted on August 1, 2002 and completed on August 11, 2002, by Kenneth Majetic, Michael S. Beebee and Michael Coram of AKT Peerless. See Appendix C for AKT Peerless Professional Experience.

2.0 INTRODUCTION

Armada Oil retained AKT Peerless to complete a BEA for the subject property located at 300 North Main Street in Ann Arbor, Washtenaw County, Michigan (Parcel Number 09-09-29-135-025). The BEA was prepared (1) to provide an independent, professional evaluation and opinion

regarding existing environmental conditions associated with the subject property and (2) to maintain a liability exemption for cleanup of existing contamination at the subject property.

2.1 CATEGORY SELECTION

Armada Oil purchased the subject property on June 27, 2002, and is using the subject property for the retail sale of gasoline and convenience food items. The previous occupant of the subject property (BP/Amoco) conducted similar activities. Gasoline constituents are present at the subject property above MDEQ Tier I Residential Risk-Based Screening Levels (RBSLs). Therefore, hazardous substances used at the subject property will include some of the same compounds identified as "facility" contaminants.

According to MDEQ's Instructions for Preparing and Submitting Baseline Environmental Assessments, a property where hazardous substances use will be the same as one or more of the hazardous substances known to be a facility contaminant is classified as Category S. Therefore, the subject property requires a Category S BEA.

2.2 SITE HISTORY

The subject property is located at 300 North Main Street in Ann Arbor, Michigan. In 1934, the existing building was constructed as a retail gasoline station and automotive repair garage. An addition was constructed in 1969 and renovations occurred in 1976, 1977, 1984 and 1993. Former occupants associated with the gasoline station have included Standard Oil, Hickey's Service, North main Standard, Downtown Standard and University Fuel Stop. From 1938 through 1966, auto repair services were conducted on the subject property. The subject property was recently purchased by Armada Oil and is used for the retail sale of gasoline and convenience food items.

2.3 SUMMARY OF PREVIOUS ENVIRONMENTAL INVESTIGATIONS

The following sections summarize the historical environmental activities conducted at the subject property. Refer to Appendix A for AKT Peerless' Phase I ESA for more details of previous environmental investigations.

2.3.1 Environmental Science and Technology November 9, 1993 Final Assessment Report

On November 9, 1993, a Final Assessment Report (FAR) was completed for the subject property by Environmental Science and Technology, Inc. (ESTI). According to the FAR, the following underground storage tanks (USTs) are located on the subject property:

- One 6,000-gallon steel gasoline UST
- One 8,000-gallon steel premium unleaded gasoline UST
- One 10,000-gallon steel mid-grade unleaded gasoline UST

On March 2, 1992, the premium-unleaded gasoline UST was overfilled resulting in spilling 30 to 50 gallons of gasoline on the ground. The spill was contained using absorbent materials by Inland Waters. On March 4, 1992, a confirmed release was reported to the Michigan State Police Fire Marshall Division. The soil and groundwater contamination was confined to the subject property and the vertical extent was limited to a depth of approximately 20 feet below ground surface (bgs).

2.3.2 Environmental Science and Technology 1992 and 1993 Subsurface Investigations

From May 19 through May 28, 1992 and on August 5 and 6, 1993, ESTI conducted subsurface investigation activities at the subject property. Five soil borings and one observation well were installed on the subject property, and five soil borings were installed on adjoining properties to the north, south, east, and west. Soil and groundwater samples were collected and analyzed for gasoline parameters.

2.3.3 Delta Environmental Consultants September 26, 1996 Closure Report

On September 26, 1996, a Closure Report was submitted to the MDEQ by Delta Environmental Consultants (Delta). Delta's report concluded that corrective action at the site has resulted in

unrestricted residential use of the site. On October 25, 1996 MDEQ issued a letter acknowledging the receipt of Delta's Closure Report and its conclusion. However, based on the contents of the letter, the file was never audited.

2.3.4 Delta's May 15, 2002 Property Divestment Assessment

On May 15, 2002, a Property Divestment Assessment was completed by Delta. On April 13, 2002, Delta installed five soil borings and collected ten soil samples and two groundwater samples. All samples were submitted to a laboratory and analyzed for gasoline parameters. Analytical results from Delta's Property Divestment Assessment indicated soil and groundwater concentrations exceeded MDEQ Tier I Residential RBSLs.

Based on review of previous reports and laboratory analytical results, it appears that soil and groundwater contamination on the subject property exceeds MDEQ Tier I Residential RBSLs. Therefore, the property meets the definition of a "facility" as defined by Part 201 of NREPA, Michigan PA 451, 1994, as amended. See Table 1 for a summary of Delta's Property Divestment Assessment soil analytical results and Table 2 for its groundwater analytical results. See Appendix A for AKT Peerless' Phase I ESA report that includes Delta's Property Divestment Assessment.

2.3.5 AKT Peerless' July 31, 2002 Phase I Environmental Site Assessment

On July 31, 2002 AKT completed a Phase I Environmental Site Assessment (ESA) of the subject property. AKT Peerless' ESA identified the following recognized environmental conditions at the property:

1. Soil and groundwater samples, collected during previous investigations, were analyzed for gasoline parameters only. However, automotive service was apparently conducted on the subject property from 1938 through at least 1966, during which time significant quantities of oils were used.
2. The following USTs were identified during AKT Peerless' Sanborn fire insurance map review: a 550-gallon UST along the western property boundary in the 1916 map, a UST toward the southwest corner of the property in the 1925 map, five USTs on the western and northern sides of the building in the 1931 map, and six USTs on the western and southern side of the building in the 1949 map.

3.0 PROPERTY DESCRIPTION AND INTENDED HAZARDOUS SUBSTANCE USE

Presented in the sections below are (1) the property description, (2) a summary of intended land use, and (3) intended hazardous substance use activities. See to Figure 1 for a topographic site location map and Figure 2 for a site map.

3.1 PROPERTY DESCRIPTION

The subject property is located at 300 North Main Street (at the northeast corner of North Main Street and Catherine Street) in Ann Arbor, Michigan. The subject property consists of approximately 0.15 acres (Parcel Identification Number 09-09-29-135-025). The subject property is situated in the northeast quarter of Section 29 Township 2 South (T. 2S.), Range 6 East (R. 6E.), Washtenaw County, Michigan. See Appendix B for a legal description of the subject property.

The subject property is zoned Fringe Commercial (C3) and is located in a commercial area of Ann Arbor. The subject property contains an operating gasoline station and convenience store. The exterior of the subject property contains a canopied fueling area with two pump islands, concrete-paved driveways and walkways, and landscaped areas. The subject property is bordered by commercial development to the north; commercial development to the east; Catherine Street followed by a county administration building to the south; and North Main Street followed by commercial development to the west.

The building is a 1,830-square-foot, single-story, brick veneer construction with no basement. The interior of the building consists of a sales area, a cashiers' area, storage areas a small office, a walk-in cooler, and restroom facilities. The exterior of the subject property contains a canopied fueling area with two pump islands, concrete-paved driveways and walkways, and landscaped areas. See Appendix A for AKT Peerless' Phase I ESA containing color photographs of the subject property. No previous BEAs were submitted for the subject property.

3.2 INTENDED LAND USE

Armada Oil currently uses and intends to continue use of the subject property as a retail gasoline station and convenience store. BP/Amoco upgraded UST piping to Enviroflex tubing with secondary containment. In addition, the method for tank gauging on the gasoline USTs was changed from an impressed current cathodic protection system to Simplicity for the tanks and automatic line leak detectors for the piping. Also, MDEQ issued corrective directives, including (a) test automatic tank gauge (and repair/replace if not working properly) to determine the cause of active alarms on all three USTs, (b) remove standing water from dispenser pan under dispenser #3 and all three sumps, (c) seal sumps, and (d) extend the three tank vent pipes six feet higher. Armada Oil anticipates that the use, storage, or handling of hazardous substances at the subject property will remain consistent with the operation of a gasoline station and automotive repair facility.

3.3 INTENDED HAZARDOUS SUBSTANCE USE

Current use of the subject property as a gasoline station includes the use, storage, and handling of gasoline products. Gasoline is stored in one 6,000-gallon UST, one 8,000-gallon UST, and one 10,000-gallon UST. The tank farm is located in the eastern portion of the subject property. Armada Oil's use includes similar components as were detected in the soil at the subject property. Hazardous substances associated with gasoline products are summarized in the following table:

Hazardous Substance	CAS #	Hazardous Substance	CAS #
Benzene	71432	Phenanthrene	85018
Toluene	108883	Anthracene	120127
Ethylbenzene	100414	Fluoranthene	206440
Xylenes	1330207	Pyrene	206440
1,3,5-Trimethylbenzene	108678	Benzo(a)anthracene	56553
1,2,4-Trimethylbenzene	95636	Chrysene	218019
Methyl-tert-butyl ether	1634044	Benzo(b)fluoranthene	205992
Naphthalene	91203	Benzo(k)fluoranthene	207089
2-Mehtyl-naphthalene	91576	Benzo(a)pyrene	50328
Acenaphthylene	208968	Dibenzo(a,h)anthracene	53703
Acenaphthene	83329	Indeno(1,2,3-cd)pyrene	193395
Fluorene	86737	Benzo(g,h,i)perylene	191242

4.0 KNOWN CONTAMINATION

The following sections present (a) known hazardous substances at the facility, (b) criteria for defining the subject property as a facility, and (c) identification of the general locations of contamination.

4.1 HAZARDOUS SUBSTANCES AT THE FACILITY

Delta's Property Divestment Assessment Report dated May 15, 2002 evaluated the presence of hazardous substances in the soil and groundwater at the subject property. Based on the analytical results from subsurface investigations, the following hazardous substances were detected above the laboratory method detection limits in soil and groundwater samples collected from the subject property:

Hazardous Substance	CAS #
Benzene	71432
Toluene	108883
Ethylbenzene	100414
Xylenes	1330207
1,2,4-trimethylbenzene	95636
1,3,5-trimethylbenzene	108678
Methyl-tert-butyl ether	1634044
Naphthalene	91203
2-Mehtylnaphthalene	91576
Lead	7439921

See Appendix A for AKT Peerless' Phase I ESA Report containing Delta's Property Divestment Assessment Report.

4.2 CRITERIA FOR DEFINING PROPERTY AS A FACILITY

During Delta's Property Divestment Assessment, Delta drilled five soil borings and collected groundwater samples from the subject property. Based on the analytical results of soil and groundwater samples, the following compounds were detected above MDEQ Tier I Residential RBSLs:

Hazardous Substance	CAS #
Benzene	71432
Ethylbenzene	100414
Xylenes	1330207
Methyl-tert-butyl ether	1634044
1,3,5-Trimethylbenzene	108678
1,2,4-trimethylbenzene	95636
Lead	7439921

Therefore, the property meets the definition of a “facility” as defined by Part 201 of NREPA, Michigan PA 451 of 1994, as amended. See Table 1 for a summary of soil analytical results and Table 2 for a summary of groundwater analytical results from previous subsurface investigations. See Appendix A for AKT Peerless’ Phase I ESA for previous analytical results.

4.3 IDENTIFICATION OF GENERAL LOCATIONS OF CONTAMINATION

The following subsections (4.3.1 through 4.3.3) present (1) property features, (2) subsurface conditions, and (3) the media affected at the property.

4.3.1 Property Features (Structures and Existing Underground Utilities)

The subject property contains a combined operating gasoline station and convenience store. The exterior of the subject property contains a canopied fueling area with two pump islands, concrete-paved driveways and walkways, and landscaped areas.

The electrical lines are overhead and buried at the subject property. The water, sewer, and gas lines are buried and located in the adjacent right of ways. See Appendix A for underground utility locations.

4.3.2 Subsurface Conditions

4.3.2.1 Soil

According to the United States Department of Agriculture, *Soil Survey of Washtenaw County, Michigan*, the soils in the area are classified as the Boyer-Fox-Sebewa association. These soils are described as “*nearly level to steep, well drained and very poorly drained soils that have a moderately coarse textured to moderately fine textured subsoil and coarse textured underlying material; on outwash plains, valley trains, terraces, and moraines.*”

According to the Michigan Geological Survey Division’s publication, *Quaternary Geology of Southern Michigan*, soils in the area are medium-textured glacial till. These soils are described as gray, grayish brown or reddish brown, nonsorted glacial debris; matrix is dominantly loam and

silt loam texture, variable amounts of cobbles and boulders. This soil type occurs in narrow linear belts of hummocky relief marking former standstills of ice-sheet margin and includes areas of coarser or finer-textured tills as well as small areas of outwash. Soil thickness ranges from 60 to 90 feet. Typically, end moraines of medium-textured till are associated with moderate hydraulic permeability

Subsurface soils identified during previous subsurface investigations are identified as fine to medium-grained sand and silt from beneath the concrete to a depth of approximately 5 feet bgs. Clay was encountered beneath the sand and silt to a depth of 25 feet, the maximum depth explored.

4.3.2.2 Groundwater

During previous subsurface investigations conducted on the subject property, groundwater was determined to be intermittent and perched. Therefore, a site-specific groundwater flow direction could not be determined. Groundwater was only encountered in the southwestern corner of the subject property in a sand seam at a depth of approximately 7 to 9 feet bgs.

4.3.3 Media Affected at the Property

Based on the analytical results of the soil and groundwater samples collected during previous subsurface investigations, impacted soil and groundwater were encountered at the subject property. See Appendix A for previous subsurface investigations.

5.0 LIKELIHOOD OF OTHER CONTAMINATION

AKT Peerless conducted a Phase I ESA, which identified the recognized environmental conditions for the subject property and concluded that all leaking USTs have been removed. Delta drilled 5 soil borings and collected groundwater samples. No free product was encountered in any groundwater samples or soil borings. Therefore, it is unlikely that contaminants, other than those identified in Section 3.3, are present at the subject property. However, based on the

nature of use of the subject property it is possible that hazardous substances may be present in areas not investigated.

6.0 CONCLUSIONS

Armada Oil retained AKT Peerless to prepare a BEA for the subject property located at 300 North Main Street in Ann Arbor, Michigan. The purpose of the BEA is to (a) provide an independent, professional evaluation and opinion regarding existing environmental conditions associated with the subject property and (b) maintain a liability exemption for cleanup of existing contamination. As part of the BEA, AKT Peerless was retained to disclose this information to the MDEQ so that Armada Oil meets the requirements for an exemption of liability for the cleanup of existing contamination under Section 20126(1)(c).

Laboratory analytical results indicated concentrations of benzene, ethylbenzene, xylenes, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, MTBE, and lead in soil and groundwater samples exceeded MDEQ Tier I Residential RBSLs. Therefore, the property meets the definition of a "facility" as defined by Part 201 of the NREPA, 1994 PA 451, as amended.

Armada Oil's intended future use of the subject property as a retail gasoline station includes similar hazardous constituents as those found to be facility contaminants. The contaminants detected in soil at the subject property above MDEQ Tier I Residential RBSLs are similar to the constituents found in the products of the intended future use of the subject property. Therefore, the subject property requires a Category S BEA. The hazardous substances contained in gasoline are presented in Section 2.3 of the BEA.

7.0 REFERENCES

The following list includes reference materials, not provided in the appendices, which were utilized for preparing this BEA and Section 7a Compliance Analyses:

1. Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act 451 of 1994, as amended and the Part 9 and Part 10 Rules.
2. MDEQ Environmental Response Division Revised Part 213 Operational Memorandum #18, Cleanup Criteria Tables May 28, 1999.
3. MDEQ Instructions for Preparing and Disclosing Baseline Environmental Assessments and Section 7a Compliance Analyses, March 11, 1999.

8.0 SIGNATURE PAGE

AKT Peerless Environmental Services prepared this BEA on behalf of Armada Oil, for the property located at 300 North Main Street in Ann Arbor, Michigan. AKT Peerless' scope of work is based on Section 20126(1)(c) of Part 201 of the Natural Resources and Environmental Protection Act (NREPA), 1994 PA 451, as amended, and MDEQ *Instructions for Preparing and Disclosing Baseline Environmental Assessments and Section 7a Compliance Analyses*, dated March 11, 1999.

AKT PEERLESS ENVIRONMENTAL SERVICES

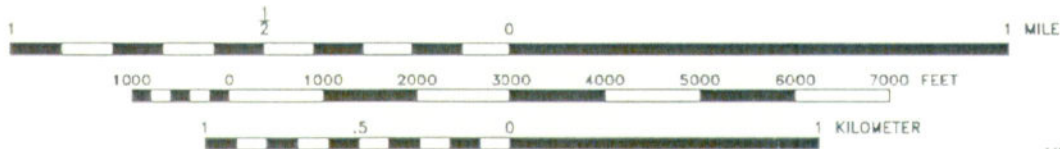
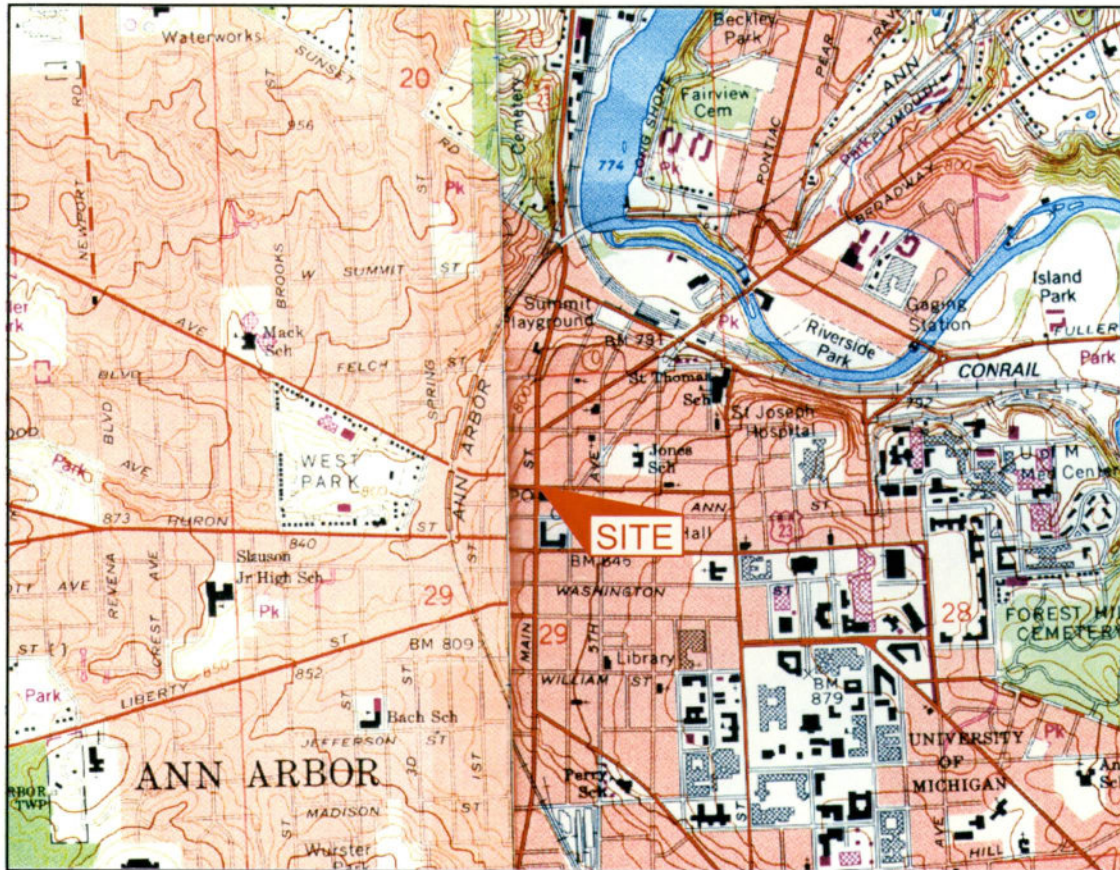
Michael Coram
Geologist
Environmental Engineering Services

Michael S. Beebee, P.E.
Senior Environmental Engineer
Environmental Engineering Services

August 11, 2002

FIGURES

ANN ARBOR EAST & ANN ARBOR
WEST QUADRANGLES
MICHIGAN - WASHTENAW COUNTY
7.5 MINUTE SERIES (TOPOGRAPHIC)



CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL



IMAGE TAKEN FROM 1968 U.S.G.S. TOPOGRAPHIC MAP
PHOTOREVISED 1973 & 1980

AKT PEERLESS
environmental services

22725 Orchard Lake Road, Farmington, MI 48336
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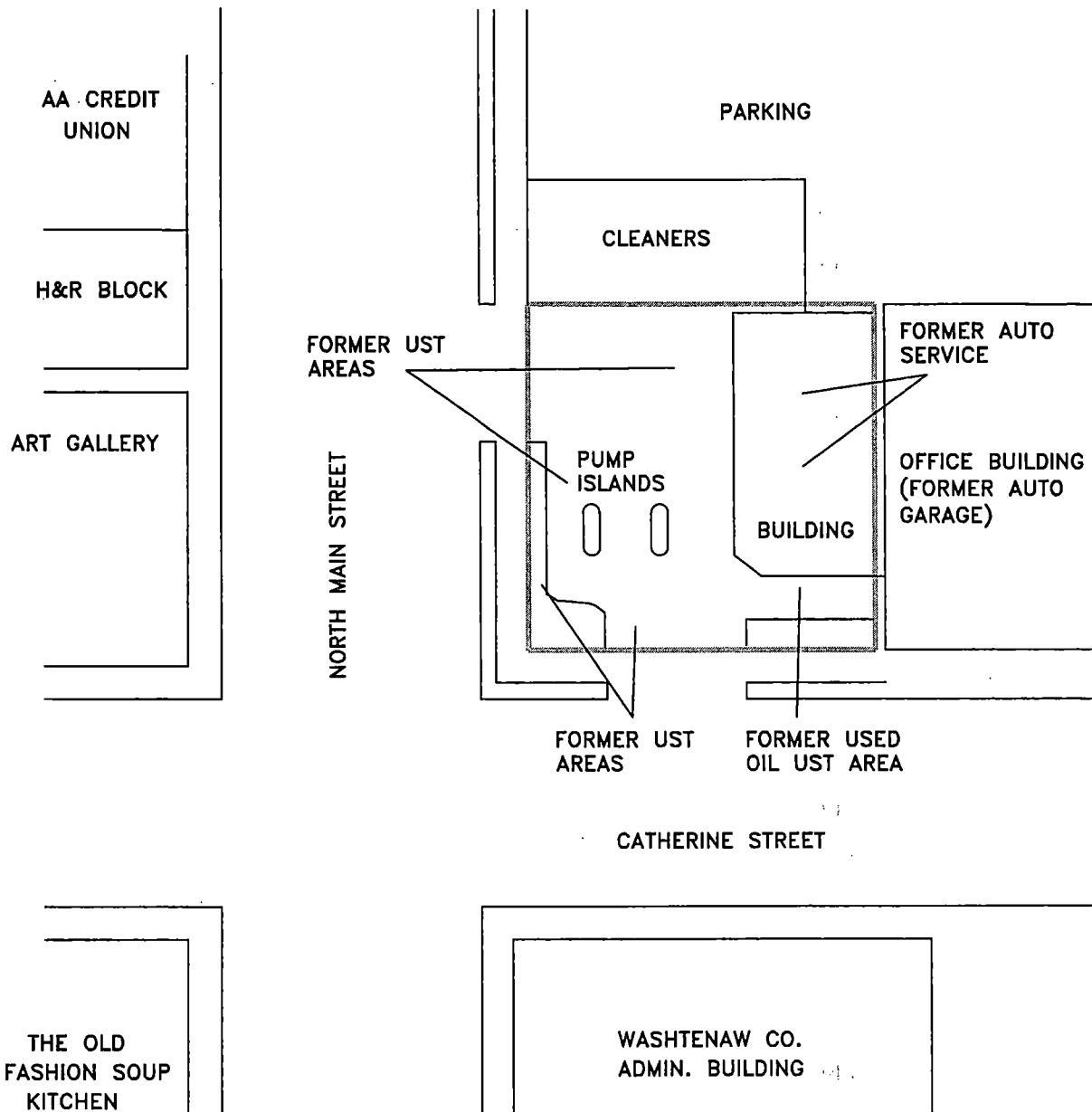
TOPOGRAPHIC SITE MAP

300 North Main Street
ANN ARBOR, MICHIGAN
PROJECT NUMBER: 3657F

DRAWN BY: RT

DATE: 07/16/02

FIGURE 1



LEGEND
----- = PROPERTY LINE

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**PROPERTY/SURROUNDING
AREA MAP**

300 NORTH MAIN STREET
ANN ARBOR, MICHIGAN
PROJECT NUMBER : 3657F-1-17
DRAWING NUMBER : PM1

DRAWN BY: JB
DATE: 07-15-02

0 20' 40'
SCALE: 1" = 40'

FIGURE 2

TABLES

TABLES

Table 1
 Summary of Soil Analytical Results
 Armada Oil and Gas Company
 300 North Main Street
 AKT Peerless project Number 3657f

Sample Identification and Date		PD-1 5-7' 4/13/02	PD-1 7-9' 4/13/02	PD-1 15-16.5' 4/13/02	PD-2 7-9' 4/13/02	PD-2 13-15' 4/13/02	PD-3 5-7' 4/13/02	PD-3 13-15' 4/13/02	PD-4A 5-6' 4/13/02	PD-5 9-11' 4/13/02	PD-5 11-13' 4/13/02	MDEQ Tier I Residential Drinking Water RBSL β	MDEQ Tier I Residential Soil Direct Contact RBSL β	MDEQ Tier I Residential Soil Volatilization to Ambient Air Inhalation RBSL β	MDEQ Tier I Residential Soil Volatilization to Indoor Air Inhalation RBSL β	MDEQ Tier I Industrial Soil Direct Contact RBSL β	MDEQ Tier I Industrial Soil Volatilization to Ambient Air Inhalation RBSL β	MDEQ Tier I Industrial Soil Volatilization to Indoor Air Inhalation RBSL β	MDEQ Tier I Commercial III Soil Direct Contact RBSL β	MDEQ Tier I Commercial IV Soil Direct Contact RBSL β	
Volatile Organic Compounds (µg/kg)	CAS#																				
Benzene	71432	230	250	<55	100	590	73	62	<61	2,000	520	100	180,000	13,000	1,600	400,000	45,000	8,400	400,000	400,000	
Ethylbenzene	100414	1,100	<58	<55	85	4,600	<54	330	170	9,000	<57	1,500	140,000	9,500,000	140,000	140,000	11,000,000	140,000	140,000	140,000	
Toluene	108883	200	<58	<55	120	270	260	<56	<61	930	120	16,000	250,000	2,800,000	250,000	250,000	3,300,000	250,000	250,000	250,000	
Xylenes	1330207	5,300	<170	<160	270	13,000	300	1,500	510	10,000	<170	5,600	150,000	46,000,000	150,000	150,000	54,000,000	150,000	150,000	150,000	
Methyl-tert-butyl ether (MTBE)	1634044	<290	<290	<270	<280	<290	<270	<280	<300	<290	370	800	1,800,000	25,000,000	5,900,000	5,900,000	30,000,000	5,900,000	5,900,000	5,900,000	
1,2,4-Trimethylbenzene	95636	8,100	<120	<110	240	7,000	130	1,400	2,200	6,900	<110	2,100	110,000	21,000,000	110,000	110,000	25,000,000	110,000	110,000	110,000	
1,3,5-Trimethylbenzene	108678	2,100	<120	<110	<110	1,900	<110	410	1,200	2,100	<110	1,800	94,000	16,000,000	94,000	94,000	19,000,000	94,000	94,000	94,000	
1,2-Dibromomethane	106934	<57	<58	<55	<56	<57	<54	<56	<61	<57	<57	10	92	1,700	670	660	5,800	3,600	1,200	850	
1,2-Dichloroethane	107062	<57	<58	<55	<56	<57	<54	<56	<61	<57	<57	100	91,000	6,200	2,100	640,000	21,000	11,000	1,100,000	840,000	
Metals (µg/kg)	CAS#																				
Lead	7439921	1,130,000	6,590	5,580	61,700	8,080	33,000	5,320	30,300	5,680	5,640	700,000	400,000	100,000,000	NLV	900,000	44,000,000	NLV	400,000	400,000	
Polynuclear Aromatic Compounds (µg/kg)	CAS#																				
Naphthalene	91203	910	<290	<270	<280	630	<270	<280	440	1,200	<280	35,000	16,000,000	300,000	250,000	80,000,000	350,000	470,000	140,000,000	100,000,000	
2-Methylnaphthalene	91576	640	<290	<270	<280	<290	<270	<280	470	610	<280	57,000	8,100,000	ID	ID	40,000,000	ID	ID	72,000,000	52,000,000	

Note:
 (µg/kg) - Micrograms per kilogram
 * - Detection limit raised due to sample matrix
 "<" - Less than the laboratory method detection limit
 NA - Not analyzed
 ND - Not detected above laboratory method detection limits
 NLV - Not likely to volatilize
 ID - Inadequate data to develop criteria
 NLL - Not likely to leach
 β - MDEQ Operational Memorandum #4: Part 213 Tier I Risk-Based Screening Levels (RBSLs), June 2000
 bold - concentration exceeds MDEQ Criteria

Table 2
Summary of Groundwater Analytical Results
Armada Oil and Gas Company
300 North Main Street
AKT Peerless Project Number 3657f

				MDEQ Tier I Residential Drinking Water RBSL β	MDEQ Tier I Industrial/Commercial Drinking Water RBSL β	MDEQ Tier I Groundwater Surface Water Interface Value β	MDEQ Tier I Residential & Commercial Groundwater Volatilization to Indoor Air Inhalation RBSL β	MDEQ Tier I Industrial/Commercial Groundwater Volatilization to Indoor Air Inhalation RBSL β	MDEQ Tier I Groundwater Direct Contact RBSL β
Volatile Organic Compounds (μg/kg)	CAS#	PD-2 4/13/02	PD-3 4/13/02						
Benzene	71432	2,000	37	74	74	18	170,000	170,000	170,000
Ethylbenzene	100414	1,600	240	790	790	140	530,000	530,000	530,000
Toulene	108883	86	10	790	790	530,000	530,000	530,000	530,000
Xylenes	1330207	2,800	520	40	40	47,000,000	47,000,000	690,000	190,000
Methyl-tert-butyl ether (MTBE)	1634044	1,800	420	40	40	730	47,000,000	47,000,000	690,000
1,2,4-Trimethylbenzene	95636	230	110	63	63	ID	56,000	56,000	56,000
1,3,5-Trimethylbenzene	108678	73	<50	72	72	ID	61,000	61,000	61,000
1,2-Dibromomethane	106934	59	<10	1.0	1.0	1.0	2,400	15,000	25
1,2-Dichloroethane	107062	<10	<10	5.0	5.0	360	9,600	59,000	19,000
Metals (μg/kg)	CAS#								
Cadmium	7440439	NA	NA	5.0	5.0	(G,X)	NLV	NLV	190,000
Chromium (total)	7440473	NA	NA	100	100	11	NLV	NLV	460,000
Lead	7439921	<3.00	<3.00	1,000	1,000	(G)	NLV	NLV	7,400,000
Polynuclear Aromatic Compounds (μg/kg)	CAS#								
Naphthalene	91203	88	<5.0	520	1,500	13	31,000	31,000	31,000
2-Methylnaphthalene	91576	180	<5.0	260	750	ID	ID	ID	25,000

Note:

(μg/kg) - Micrograms per kilogram

* - Detection limit raised due to sample matrix

"<" - Less than the laboratory method detection limit

NA - Not analyzed

ND - Not detected above laboratory method detection limits

NLV - Not likely to volatilize

ID - Inadequate data to develop criteria

NLL - Not likely to leach

β - MDEQ Operational Memorandum #4: Part 213 Tier I Risk-Based Screening Levels (RBSLs), June 2000

bold - concentration exceeds MDEQ Criteria

3657F groundwater

APPENDIX A

AKT Peerless?

Phase I Environmental Site Assessment

Dated July 31, 2002



**PHASE I ENVIRONMENTAL SITE ASSESSMENT
300 NORTH MAIN STREET
ANN ARBOR, MICHIGAN**

for

**ARMADA OIL
DEARBORN, MICHIGAN**

**AKT PEERLESS PROJECT NO. 3657F-1-17
JULY 31, 2002**



**PHASE I ENVIRONMENTAL SITE ASSESSMENT
300 NORTH MAIN STREET
ANN ARBOR, MICHIGAN**

for

**ARMADA OIL
DEARBORN, MICHIGAN**

**AKT PEERLESS PROJECT NO. 3657F-1-17
JULY 31, 2002**

CONTENTS

<u>Section</u>	<u>Page</u>
1.0 INTRODUCTION.....	1
1.1 PURPOSE.....	1
1.2 PROJECT RESOURCES	2
1.3 LIMITATIONS AND EXCEPTIONS OF THE ESA.....	3
1.4 SPECIALIZED INFORMATION REPORTED BY CLIENT	3
2.0 SITE DESCRIPTION.....	4
2.1 LOCATION	4
2.2 SITE AND VICINITY CHARACTERISTICS.....	4
2.3 STRUCTURES/OTHER IMPROVEMENTS	4
2.4 UTILITIES AND MUNICIPAL SERVICES.....	4
2.5 CURRENT USES OF THE PROPERTY.....	5
2.6 CURRENT USES OF ADJOINING PROPERTIES	5
3.0 ENVIRONMENTAL RECORDS REVIEW.....	6
3.1 PHYSICAL SETTING RECORDS	6
3.1.1 <u>Topography and Area Hydrogeology</u>	6
3.1.2 <u>Area Soil</u>	6
3.2 FEDERAL AND STATE DATABASES	7
3.3 HISTORICAL USE INFORMATION.....	9
3.3.1 <u>Aerial Photographs</u>	9
3.3.2 <u>Tax Assessment Records</u>	10
3.3.3 <u>Building Department Records</u>	11
3.3.4 <u>City Directories</u>	11
3.3.5 <u>Fire Insurance Maps</u>	12
3.3.6 <u>50-Year Chain of Title</u>	14
3.4 ADDITIONAL INFORMATION	14
3.4.1 <u>Local Fire Department</u>	14
3.4.2 <u>MDEQ Environmental Response Division</u>	14
3.4.3 <u>MDEQ Waste Management Division</u>	15
3.4.4 <u>MDEQ Storage Tank Division</u>	15
3.4.5 <u>Baseline Environmental Assessments</u>	16
3.4.6 <u>Local Health Department</u>	16
3.5 PREVIOUS ENVIRONMENTAL REPORTS	16

4.0 SITE INSPECTION17

4.1 HAZARDOUS SUBSTANCES AND PETROLEUM PRODUCTS17

4.2 HAZARDOUS AND NON-HAZARDOUS WASTE17

4.3 UNIDENTIFIED SUBSTANCES17

4.4 STORAGE TANK SYSTEMS18

4.5 SUSPECT PCB SOURCES18

4.6 SUSPECT ASBESTOS SOURCES19

4.7 OTHER POTENTIAL ENVIRONMENTAL CONDITIONS19

5.0 CONCLUSIONS AND RECOMMENDATIONS.....20

6.0 LIMITATIONS.....21

FIGURES

FIGURE 1PROPERTY LOCATION MAP

FIGURE 2PROPERTY SURROUNDING AREA MAP

FIGURE 3TOPOGRAPHIC PROPERTY LOCATION MAP

FIGURE 4PARCEL MAP

APPENDICES

APPENDIX ALEGAL DESCRIPTION

APPENDIX BPROPERTY PHOTOGRAPHS

APPENDIX CFEDERAL AND STATE DATABASE INFORMATION

APPENDIX DSANBORN FIRE INSURANCE MAPS

APPENDIX EDELTA’S PROPERTY DIVESTMENT REPORT TEXT

APPENDIX F.....SITE INSPECTION CHECKLIST

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
300 NORTH MAIN STREET
ANN ARBOR, MICHIGAN**

FOR

**ARMADA OIL
DEARBORN, MICHIGAN**

AKT PEERLESS PROJECT NO. 3657F-1-17

1.0 INTRODUCTION

Armada Oil retained AKT Peerless Environmental Services (AKT Peerless) to conduct a Phase I environmental site assessment (ESA) of the building and associated property located at 300 North Main Street in Ann Arbor, Michigan. AKT Peerless' scope of work is based on its proposal PF-3734-1, dated June 10, 2002, and the terms and conditions of the agreement.

AKT Peerless' scope of work is based on American Society for Testing and Materials' (ASTM's) "Standard Practice For Environmental Site Assessments: *ESA E-1527*," which defines good commercial and customary practice for conducting an ESA and establishing "due diligence." Further, AKT Peerless' assessment is intended to satisfy (1) the due-diligence requirements to qualify for the innocent landowner defense under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), and (2) Comerica Bank's ESA requirements and guidance documents for Phase I ESAs dated June 1997, and the 1998 addenda.

AKT Peerless' ESA was performed for the benefit of Armada Oil and Comerica Bank, and both parties may rely on the contents and conclusions of this report. A subsurface investigation of the subject property was not conducted as part of this assessment. However, previous subsurface investigation of the subject property is discussed in Section 3.5.

1.1 PURPOSE

The purpose of AKT Peerless' ESA is to provide an independent, professional opinion of any *recognized environmental conditions* associated with the subject property. According to ASTM's standard E 1527, the term *recognized environmental conditions* means the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate (1) an existing release, (2) a past release, or (3) a material threat of a

release of any hazardous substances or petroleum products into structures on the subject property or into the ground, groundwater, or surface water of the property.

The term is not intended to include *de minimis* conditions that generally (1) do not present a material risk of harm to public health or the environment and (2) would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. ASTM E 1527 defines business environmental risk as a risk which can have a material environmental or environmentally-driven financial impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in the ASTM Phase I ESA practice.

AKT Peerless used appropriate industry standards in maintaining innocent landowner defense options available to purchasers, sellers, and/or lenders under the Superfund Amendments and Reauthorization Act (SARA). Performance of this ESA is intended to reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions in connection with a property.

1.2 PROJECT RESOURCES

AKT Peerless referred to the following resources between June 12, 2002, and July 18, 2002, to complete its ESA:

- United States Environmental Protection Agency (USEPA), Region 5
- United States Geological Survey (USGS)
- United States Department of Agriculture (USDA) Soil Conservation Service
- Michigan Department of Environmental Quality (MDEQ)
- MDEQ Storage Tank Division (STD)
- MDEQ Waste Management Division (WMD)
- MDEQ Environmental Response Division (ERD)
- MDEQ Geological Survey Division (GSD)
- Michigan State University Center for Remote Sensing
- Ann Arbor Fire Department
- Ann Arbor Tax Assessment Office
- Ann Arbor Building Department
- Ann Arbor Planning Department
- Mapquest.com
- Washtenaw County Health Department-Environmental Division
- Environmental Data Resources, Inc. (EDR)

AKT Peerless conducted interviews with the following personnel between June 12, 2002, and July 2, 2002, to complete its ESA:

- Mr. Ali Berry; Armada Oil
- Ms. Amy Gennaro; Comerica Bank
- Ms. Karen Bamsey; Washtenaw County Health Department

1.3 LIMITATIONS AND EXCEPTIONS OF THE ESA

AKT Peerless encountered the following limitations or exceptions in completing the ESA:

- Evaluation of soil and groundwater features at and near the subject property was based only on published maps and other readily available information. AKT Peerless used this information to assess soil types and groundwater flow directions to determine if any nearby sites present an environmental risk to the subject property.
- AKT Peerless does not typically review nearby sites in detail unless the site appears to present a likely environmental risk to the subject property.
- Unless specifically noted, invasive investigation of any kind has not been performed. Observation under floors, above ceilings, behind walls, within surface and subsurface soil, within groundwater, within confined spaces, or inaccessible areas has not been performed.
- Based on ASTM Standard Practice E 1527 and AKT Peerless' understanding of the purpose of this assessment, AKT Peerless' ESA does not include investigation for wetlands, lead in drinking water, and lead-based paint.
- Nothing in this report constitutes a legal opinion or legal advice. For information regarding individual or organizational liability, AKT Peerless recommends consultation with independent legal counsel.

1.4 SPECIALIZED INFORMATION REPORTED BY CLIENT

To assist AKT Peerless in identifying conditions of potential environmental concern at the subject property, AKT Peerless requested, in its proposal, the following information:

- Environmental liens identified during a land title records search.
- Specialized knowledge or experience that is material to identifying environmental concerns in connection with the property.
- Environmental records or reports regarding potential or known environmental liabilities associated with the subject property.

The following reports were provided to AKT Peerless:

- "Workplan for Remedial Investigation" by Environmental Science & Technology, Inc. (EST); April 16, 1992
- "Status Letter and Proposed Additional Work Letter" by EST; September 14, 1992
- "Final Assessment Report" by EST; November 9, 1993
- "Soil and Groundwater Feasibility Analysis" by EST; March 25, 1994
- "Property Divestment Assessment" by Delta; May 15, 2002

Previous environmental investigations are discussed in Section 3.5.

2.0 SITE DESCRIPTION

2.1 LOCATION

The subject property is located at 300 North Main Street in Ann Arbor, Michigan, and is comprised of a single parcel totaling approximately 0.15-acres (parcel number 09-09-29-135-025). The subject property is zoned C2B/R (Business Service/Residential) and is situated in the northeast quarter of Section 29 Township 2 South (T. 2S.), Range 6 East (R. 6E.), Washtenaw County, Michigan.

Refer to Figure 1, Property Location Map; Figure 2, Property/Surrounding Area Map; Figure 3, Topographic Property Location Map; and Figure 4, Parcel Map. The legal description of the subject property is presented in Appendix A. Photographs taken during AKT Peerless' site inspection are presented in Appendix B.

2.2 SITE AND VICINITY CHARACTERISTICS

The subject property is located in a commercial area of Ann Arbor, Michigan, and contains an operating gasoline station and convenience store. The exterior of the subject property contains a canopied fueling area with two pump islands, concrete-paved driveways and walkways, and landscaped areas.

The subject property is bordered by commercial development to the north; commercial development to the east; Catherine Street followed by a county administration building to the south; and North Main Street followed by commercial development to the west.

2.3 STRUCTURES/OTHER IMPROVEMENTS

General information regarding the existing building is presented in the following table:

Building Type	Construction and Number of Stories	Approximate Square Footage	Construction and Improvements Dates
Commercial (gasoline station)	Concrete foundation, floor; steel frame construction, brick veneer exterior.	1,830 square feet	Constructed in 1934; addition in 1969; remodeled in 1976, 1977, 1984, and 1993.

The interior of the building consists of a sales area, a cashiers' area, storage areas a small office, a walk-in cooler, and restroom facilities. The exterior of the subject property contains a canopied fueling area with two pump islands, concrete-paved driveways and walkways, and landscaped areas.

2.4 UTILITIES AND MUNICIPAL SERVICES

AKT Peerless reviewed the type and supplier of utilities and municipal services for the subject property. These services are described in the following table.

Utility/Service	Type	Utility Company or Municipality	Historical Services
Heating	Natural gas	DTE Energy	Heating oil
Municipal waste	General refuse	Private contractor	None identified
Potable water	Municipal	City of Ann Arbor	None identified
Electrical	Line feed	DTE Energy	None identified
Sewerage disposal	Municipal	City of Ann Arbor	None identified

AKT Peerless contacted DTE Energy to determine the original natural gas service connection date for the subject property. However, according to a representative of DTE Energy, DTE Energy complies with such queries only in response to a government request or pursuant to a subpoena.

As depicted on a Sanborn fire insurance map, municipal water service was available to the subject property as early as 1892. The earliest available documentation from Ann Arbor Assessing and Building Departments of municipal water and sewer services at the subject property dates to 1961. Further, as noted in the above table and in Section 3.3.3, an oil-fired heating system was formerly used at the site.

2.5 CURRENT USES OF THE PROPERTY

According to tax assessment records, the subject property is currently owned by Amoco Corporation. The subject property contains an operating gasoline station. The building contains a convenience store, which contains food items and other sundries. Previous uses of the subject property are discussed in Section 3.3. Refer to Appendix B for photographs of the property taken during AKT Peerless' site visit.

2.6 CURRENT USES OF ADJOINING PROPERTIES

The current uses of adjoining properties are described in the following table.

Adjoining Property Use	Recognized Environmental Concerns
North of the subject property is commercial development occupied by Eureka Cleaners.	Dry cleaning operation
East of the subject property is commercial development occupied by a graphic arts company.	None
South of the subject property is Catherine Street followed by the Washtenaw County Administration Building.	None
West of the subject property is North Main Street followed by commercial development occupied by the Dobson-McOmber Building and Art Oasis.	None

Based on AKT Peerless' visual observations, adjoining properties of potential environmental concern appear to be limited to the north adjoining property which is occupied by a dry cleaner.

As presented in Section 3.2, this site was identified during AKT Peerless' state and federal database research. Refer to Section 3.2 for further discussion.

3.0 ENVIRONMENTAL RECORDS REVIEW

The objective of the record reviews is to evaluate reasonably ascertainable databases, historical records, and physical setting records to help identify recognized environmental concerns at the property and, to the extent identifiable, at surrounding properties.

3.1 PHYSICAL SETTING RECORDS

AKT Peerless reviewed geological survey maps for geologic, hydrologic, and topographic conditions that may affect potential contaminant migration to the subject property.

3.1.1 Topography and Area Hydrogeology

Based on a review of USGS Topographic Map entitled *Ann Arbor East, Michigan Quadrangle*, the subject property is relatively flat and rests at an elevation of approximately 825 feet above the National Geodetic Vertical Datum (NGVD). Based on topographic contours, the regional surface water discharge appears to be towards the northwest. Typically, the water table aquifer flows toward a major drainage feature or in the same direction as the drainage basin. Therefore, it is likely that groundwater in the area of the property flows to the northwest. However, local manmade structures (e.g., buildings, roads, sewer systems, and utility service lines) may influence both surface water and groundwater flow.

As discussed in Section 3.5, during previous subsurface investigations conducted on the subject property, groundwater was determined to be intermittent and perched. Therefore, a site-specific groundwater flow direction could not be determined. Groundwater was only encountered in the southwest corner of the subject property in sand seam at a depth of approximately seven to nine feet bgs.

3.1.2 Area Soil

According to the United States Department of Agriculture, *Soil Survey of Washtenaw County, Michigan*, the soils in the area are classified as the Boyer-Fox-Sebewa association. These soils are described as “*nearly level to steep, well drained and very poorly drained soils that have a moderately coarse textured to moderately fine textured subsoil and coarse textured underlying material; on outwash plains, valley trains, terraces, and moraines.*”

According to the Michigan Geological Survey Division's publication, *Quaternary Geology of Southern Michigan*, soils in the area are medium-textured glacial till. These soils are described as gray, grayish brown or reddish brown, nonsorted glacial debris; matrix is dominantly loam and silt loam texture, variable amounts of cobbles and boulders. Occurs in narrow linear belts of hummocky relief marking former standstills of ice-sheet margin. Includes areas of coarser or finer-textured tills as well as small areas of outwash. Soil thickness ranges from 60 to 90 feet. Typically, end moraines of medium-textured till are associated with moderate hydraulic permeability.

As discussed in Section 3.5, previous subsurface investigations indicated that site soils consisted of fine to medium-grained sand and silt from beneath the concrete to a depth of approximately 5

feet bgs. Clay was encountered beneath the sand and silt to a depth of 25 feet, the maximum depth explored.

3.2 FEDERAL AND STATE DATABASES

AKT Peerless retained Environmental Data Resources, Inc. (EDR) to research federal and state environmental database information. The purpose of this research was to evaluate potential environmental risks associated with the subject property, adjoining sites, and nearby sites located within specified search parameters. Refer to Appendix C for the EDR report.

Typically, sites at a distance greater than a 1/2-mile radius represent only a remote chance of affecting the subject property. However, the maximum search distance extends to a 1-mile radius for some databases in accordance with ASTM Approximate Minimum Search Distances.

The subject property (listed as Amoco Oil Co. 5447 South Main) was identified on the following databases:

1. Michigan Registered UST Facilities; This database includes facilities that have, or have had, registered UST systems. According to the EDR report and registration information obtained from the MDEQ-STD, the following UST systems are registered to the subject property:

Tank ID	Contents	Capacity (gallons)	Tank Material	Piping Material	Age (years)	Status
1	Gasoline	6,000	Steel	Galvanized steel	44	Removed
2	Gasoline	6,000	Glasslined steel	Enviroflex	40	Currently in use
3	Gasoline	8,000	STI-P3 steel	Enviroflex	18	Currently in use
4	Gasoline	10,000	Glasslined steel	Enviroflex	32	Currently in use

More detailed information concerning these and other USTs associated with the subject property is presented in Section 3.4.4.

2. Leaking Underground Storage Tank Site (LUST). This database includes sites at which a release from an underground storage tank has been reported. According to the EDR report, the status of this site is listed as "closed." Further information regarding this issue is presented in Section 3.4.4.
3. RCRIS Small Quantity Generator. This database includes facilities which generate (or have generated) between 100 and 1,000 kilograms (approximately four drums) of hazardous waste per calendar month (in this case likely used oil from past vehicle maintenance operations). The EDR report indicates that no hazardous waste violations were found in connection with the subject property. As discussed in Section 3.4.3, MDEQ Waste Management Division (WMD) does not currently maintain a file for the subject property and has likely not inspected the facility.
4. Facility Index System (FINDS). This database identifies facilities that are contained on one or more other federal databases (e.g., RCRIS).

AKT Peerless' review of the databases (including the orphan list) also considered the potential or likelihood of contamination from adjoining and nearby sites. To evaluate which of the adjoining and nearby sites identified in the EDR report present an environmental risk to the subject property, AKT Peerless considered the following criteria:

1. Type of database on which the site was identified;
2. Location, direction, and distance of the site relative to the subject property;
3. Anticipated groundwater flow direction in the area of the subject property;
4. Local soil conditions in the area of the subject property;
5. Surface and subsurface obstructions and diversions (e.g., buildings, roads, sewer systems, utility service lines, rivers, lakes, and ditches) present near the subject property.
6. Observations of surrounding properties made during inspection of the subject property.
7. Soil and groundwater analytical information obtained from subsurface investigations previously conducted on the subject property.

Based on AKT Peerless' evaluation of the above criteria, those sites, which may pose an environmental risk to the subject property, are further evaluated by reviewing MDEQ file information.

The federal and state databases reviewed and the number of adjoining and nearby sites identified are described in the following table.

Environmental Database	Approx. Min. Search Distance	No. of Sites Identified
National Priority List (NPL)	1.0 mile	0
Resource Conservation and Recovery Information System-Treatment, Storage or Disposal Facility (RCRIS-TSDF)	0.5 mile	0
State Hazardous Waste Sites (SHWS)	1.0 mile	5
Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)	0.5 mile	0
CERCLIS - No Further Remedial Action Planned (CERCLIS-NFRAP)	0.25 mile	0
Environmental Response and Notification System (ERNS)	Target property	0
Solid Waste Facilities/Landfill Sites (SWF/LS)	0.5 mile	0
Leaking underground storage tank (LUST)	0.5 mile	20
Registered underground storage tank (UST)	0.25 mile	14
Registered aboveground storage tank (AST)	Target property	0
RCRIS-Small-Quantity Generator (SQG)	0.25 mile	13
RCRIS-Large-Quantity Generator (LQG)	0.25 mile	0

Based on an evaluation of the criteria on the previous page (items 1 through 7) and a review of readily available information, AKT Peerless identified one adjoining (i.e., bordering) and no

nearby sites (i.e., within one mile) of potential environmental concern to the subject property in the EDR report. Information concerning the adjoining site is summarized below.

J P Eureka Cleaners, Inc.; 308 North Main Street

This site adjoins the subject property to the north and was identified on the RCRIS-SQG and FINDS databases. According to the EDR report, no violations were found in association with the site. However, since the site, which directly adjoins the subject property, has been used as a dry cleaners since at least 1972, the site may present an environmental risk to the subject property.

3.3 HISTORICAL USE INFORMATION

The objective of reviewing historical sources is to: (1) develop a history of previous uses or specific occupancies of the subject property, (2) identify those uses or specific occupancies which are likely to have led to recognizable environmental conditions at the subject property, and to the extent identifiable, at adjoining properties, and (3) identify obvious uses of the subject property from the present, back to the property's *obvious* first developed use, or back to 1940, whichever is earlier.

Commercial development has been present on the subject property since at least 1888. A grocer occupied the property from at least 1892 until sometime between 1908 and 1913 when an auto storage garage and taxi cab company operated on the premises. Since approximately 1922, a gasoline station has been present on the property. In addition, auto service was apparently conducted on the property from approximately 1938 through at least 1966.

The north adjoining property contained residential development from at least 1888 until sometime between 1931 and 1940 when commercial development was constructed. Currently, the property contains a dry cleaner. The east adjoining property, which contained a vacant building and a farmer's shed in the late 1800s, has consisted of commercial development since at least 1908. The south (beyond Catherine Street) and west (beyond North Main Street) adjoining properties have consisted of commercial development since at least 1888.

3.3.1 Aerial Photographs

AKT Peerless reviewed aerial photographs obtained from Michigan State University Center for Remote Sensing, the Ann Arbor Planning Department, and Mapquest.com. AKT Peerless' review of historical aerial photographs of the subject property is summarized in the following table.

Photo Dates	Observations (Subject Property)	Potential Environmental Concerns
1940	The subject property contains a gasoline station.	Gasoline station
1955	The subject property contains a gasoline station. The building has been expanded to its current size.	Gasoline station
1963, 1969, 1978, 1984	The subject property contains the current gasoline station with convenience store. Two pump islands are apparent.	Gasoline station
1990, 1997, 2000	The subject property contains the current gasoline station with convenience store and canopy.	Gasoline station

Other than the gasoline service station on the property, AKT Peerless did not observe any obvious land filling or drum-storage areas, pits, artificial ponds, lagoons, or other obvious land features that could be associated with a recognized environmental condition at the subject property during the aerial photograph review. Due to the scale of the photographs reviewed before 1984, small features could not be discerned.

AKT Peerless' review of historical aerial photographs of the adjoining properties is summarized in the following table.

Photo Dates	Observations (Adjoining Properties)	Potential Environmental Concerns
1940, 1955	Commercial development is apparent to the north, east, and south (beyond Catherine Street). Commercial development and residential development are apparent to the west (beyond North Main Street).	None
1963, 1969, 1978, 1984, 1990, 1997, 2000	Commercial development is apparent to the north, east, south (beyond Catherine Street), and west (beyond North Main Street).	None

During the aerial photograph review, AKT Peerless did not observe any obvious land filling or drum-storage areas, pits, artificial ponds, lagoons, or other obvious land features that could be associated with a recognized environmental condition near the subject property. Due to the scale of the photographs reviewed before 1984, small features could not be discerned.

3.3.2 Tax Assessment Records

AKT Peerless reviewed tax assessment records on the subject property at the City of Ann Arbor Tax Assessment Office. The potential environmental concerns considered are summarized in the following table.

Environmental Issue	Comments
Storage Tanks	500-gallon oil tank installed in January 1970; 10,000-gallon UST installed in April 1970
Asbestos-Containing Materials	None
PCB Materials	None
Onsite Well/Septic System	None
Other	Building addition in 1969; Remodeled in 1976; Removed overhead doors and replaced with glass in August 1977; Complete remodeling and conversion into mercantile use in September 1984

According to tax assessment file information, the current building was constructed in 1934 and is connected to natural gas, municipal water and sewer service. The field sheet lists one 10,000-gallon, one 8,000-gallon, and one 6,000-gallon UST associated with the property. As noted above, the building appears to have been completely renovated in the mid-1980s.

3.3.3 Building Department Records

AKT Peerless contacted the City of Ann Arbor Building Department for records on the subject property. The potential environmental concerns considered are summarized below.

Potential Environmental Concern	Comments
Storage Tanks	July 1961 installation of one 6,000-gallon UST to replace three 2,000-gallon USTs; January 1970 permit for the installation of one 500-gallon oil tank; April 1970 permit for the installation of one 10,000-gallon UST.
Asbestos-Containing Materials	None identified
PCB Materials	None identified
Onsite Well/Septic System	None identified
Disposal Facilities/Fill Material (Lagoons, Pits, Landfills)	None identified

As presented above, building department file information included 1961 and 1970 permits to install gasoline and oil USTs on the subject property. The oil UST appeared have been installed south of the station building. Otherwise, building department file information was limited to general permitting, zoning disputes, and correspondence.

3.3.4 City Directories

To evaluate historical information regarding potential past uses of the subject property and the southern adjoining property, AKT Peerless referred to City Directories at the Bresser's Cross-Reference Directory archival library. Directories from 1901 to 2001 were available for review. AKT Peerless researched all the addresses historically associated with the subject property. Information obtained from the reviewed directories is summarized in the following table.

Dates	Occupant Names or Businesses (300 North Main Street)
1901	Address not listed
1903, 1908	Miller & Pray, Grocers
1913	Myer Brothers & Lind City Garage & Taxi Cab Company; Wm T. Stabler Automobiles
1917	Myer Brothers & Lind City Garage & Taxi Cab Company
1922, 1924	Standard Oil Company Office
1926, 1929, 1933, 1936	Standard Oil Filling Station
1938, 1942, 1947, 1951, 1954, 1958, 1962, 1964, 1966	Hickeys Service Filling Station
1969, 1972, 1975	North Main Standard Gas Station
1979	Vacant
1981	Downtown Standard Gas Station
1984	Vacant
1988, 1991, 1994	Main Street Food Shoppe
2001	University Fuel Mart

An address which is not listed typically indicates that (1) the property was vacant at that time, (2) a potential building was unoccupied at that time, (3) a previously existing address was different than the current address, (4) the building was not represented in the directory because of a "lag time" between building the structure and compiling the list, or (5) occupant information was not available for inclusion into the directory.

3.3.5 Fire Insurance Maps

AKT Peerless retained EDR to search for historical Sanborn fire insurance maps. Maps of the subject property published in 1888, 1892, 1899, 1908, 1916, 1925, 1931, 1949, and 1972 were available for review. Copies of these maps are presented in Appendix D.

Historical information regarding the subject property, obtained from AKT Peerless' review of the available Sanborn fire insurance maps, is presented in the following table.

Dates	Observations (Subject Property)	Potential Environmental Concerns
1888	A building is located on the southwest corner of the subject property. Details are not legible.	None
1892, 1899, 1908	The building is occupied by a grocer. A horse shed adjoins the north side of the building in the 1899 map.	None
1916	A garage is present and a 550-gallon gasoline UST is apparent along the western property boundary. Most details on the map are illegible.	Garage; gasoline UST
1925	A filling station is apparent and a gasoline UST is present toward the southwest corner of the property.	Gasoline station; UST
1931	A filling station is apparent and five USTs are shown on the western and northern sides of the building.	Gasoline station; USTs
1949	A gasoline station/service station is apparent with the building in the location of the current building. Six gasoline USTs are apparent, three near the western property boundary, near the southern property boundary.	Gasoline/service station; USTs
1972	A commercial building is depicted on the subject property.	None

As indicated above, potential environmental concerns identified on the subject property included the presence of a garage in 1916 and the presence of a gasoline station from at least 1925.

Historical information regarding the adjoining properties, obtained from AKT Peerless' review of the available Sanborn fire insurance maps, is presented in the following table.

Dates	Observations (Adjoining Properties)	Potential Environmental Concerns
1888	To the north is a single-family residential house. To the east is a vacant building. To the south (beyond Catherine Street) is a livery. To the west (beyond North Main) is commercial development.	None
1892, 1899	To the north is a single-family residential house. To the east is a farmer's horse shed. To the south (beyond Catherine Street) and west (beyond North Main) is commercial development.	None
1908	To the north is a single-family residential house. To the east is a carriage house. A note along the eastern side of the subject property, notes that gasoline tanks are present. To the south (beyond Catherine Street) and west (beyond North Main) is commercial development.	Gasoline tanks to the east
1916, 1925	To the north is a single-family residential house. To the east is a hitching shed and a garage (twenty car garage in 1925). To the south (beyond Catherine Street) and west (beyond North Main) is commercial development.	Garage to the east
1931, 1949	To the north is a single-family residential house (commercial development in 1949). To the east is a fifteen-car garage and commercial development. To the south (beyond Catherine Street) and west (beyond North Main) is commercial development.	Garage to the east
1972	To the north is a dry cleaner. To the east, south (beyond Catherine Street), and west (beyond North Main Street) is commercial development.	None

As presented above, potential environmental concerns identified on the adjoining properties included a garage to the east in the 1908 through 1949 maps, with gasoline tanks apparent in the 1908 map.

3.3.6 50-Year Chain of Title

AKT Peerless' scope of work did not include conducting a review of property title documentation. It has been AKT Peerless' experience that reviewing title search information generally does not yield information beneficial in completing an ESA.

3.4 ADDITIONAL INFORMATION

3.4.1 Local Fire Department

AKT Peerless submitted a request pursuant to the Freedom of Information Act to review file information pertaining to the subject property maintained by the City of Ann Arbor Fire Department. File information provided by the department is summarized in the following table.

Date	File Information
September 1970	Letter documenting the testing of the "Armorcoting" of one 6,000-gallon premium gasoline tank on the subject property. Later markings on letter indicate that the correct capacity of the UST was 10,000 gallons.
Not listed	Ann Arbor Fire Department inspection record for the installation of one (metal) 8,000-gallon UST between existing 6,000-gallon and 10,000-gallon USTs.
June 1984	City of Ann Arbor UST abandonment form. Later markings on letter indicate that one UST was removed in September 1984.
March 1992	Michigan State Police confirmed release form documenting a March 3, 1992 release of gasoline due to a tank overflow.

Although the first site sketch mentioned above was undated, the occupant of the property was listed as Hickey's Gas Station. As discussed in Section 3.3.4, Hickey's occupied the subject property from at least 1938 through 1966. This map depicted two "work shops" with bay doors. The September 1970 sketch depicts three USTs, two along the western property boundary and one south of the building.

3.4.2 MDEQ Environmental Response Division

AKT Peerless contacted MDEQ's Environmental Response Division (ERD), Cost Recovery Unit, in Lansing, Michigan, to evaluate whether any environmental cleanup liens had been filed against the subject property. MDEQ did not have any record of environmental cleanup liens pending against the property.

In addition, AKT Peerless contacted the MDEQ ERD district office regarding the subject property. According to the Freedom of Information Act (FOIA) Coordinator with MDEQ ERD, no files pertaining to the subject property were found.

3.4.3 MDEQ Waste Management Division

AKT Peerless contacted MDEQ's Waste Management Division to review available records regarding waste management activities, permits, inspections, or violations associated with the subject property. According to correspondence received from MDEQ, no files were found.

3.4.4 MDEQ Storage Tank Division

AKT Peerless contacted MDEQ's Storage Tank Division (STD) to review available records regarding registered USTs on the subject property. Records provided by MDEQ STD in Lansing included UST registration forms, MDEQ site inspection documentation, confirmed release information, and MDEQ notifications for system upgrades.

According to correspondence received from MDEQ STD in Lansing, four USTs are registered on the subject property. Information regarding these USTs is summarized in the following table.

Tank ID	Contents	Capacity (gallons)	Tank Material	Piping Material	Age (years)	Status
1	Gasoline	6,000	Steel	Galvanized steel	44	Removed
2	Gasoline	6,000	Glasslined steel	Enviroflex	40	Currently in use
3	Gasoline	8,000	STI-P3 steel	Enviroflex	18	Currently in use
4	Gasoline	10,000	Glasslined steel	Enviroflex	32	Currently in use

According to an MDEQ Notification for Underground Storage Tanks form, a 6,000-gallon gasoline UST was removed from the subject property in November 1988. In addition, the form indicates that piping for the removed UST and the other three USTs at the site was constructed of galvanized steel. All remaining product piping was replaced with Enviroflex tubing in July 1993.

UST registration records indicate that the release detection method for the USTs was changed to statistical inventory reconciliation (SIR) in December 1998. An impressed current cathodic protection system was installed in April 2001, and the release detection method for the USTs was again changed in January 2002, to Simplicity for the tanks and automatic line leak detectors for the piping.

A March 3, 1992, confirmed release form was included in the file information. Refer to Section 3.5 for further discussion of this release.

An Existing Facility Inspection was conducted on June 27, 2001, at the subject property. MDEQ issued corrective directives, including the following:

- Have automatic tank gauge tested (and repaired/replaced if not working properly) to determine the cause of active alarms on all three USTs—within fifteen days.
- Remove standing water from dispenser pan under dispenser #3 and all three sumps. Sumps must be sealed.
- Extend the three tank vent pipes six feet higher.

MDEQ conducted a site reinspection on July 18, 2001, and determined that several of the issues noted above had not been addressed. However, according to a letter dated August 17, 2001, a second reinspection determined that previous violations had been corrected, and the facility was approved.

3.4.5 Baseline Environmental Assessments

AKT Peerless reviewed MDEQ's November 1, 2001, Report of Statewide Baseline Environmental Assessment (BEA) Activity. Based on AKT Peerless' review of this information, no BEA reports pertaining to the subject property or adjoining properties have been submitted to the MDEQ.

3.4.6 Local Health Department

AKT Peerless contacted the Washtenaw County Health Department-Environmental Division concerning the subject property. According to Ms Karen Bamsey of the county, the department does not maintain any records concerning the subject property.

3.5 PREVIOUS ENVIRONMENTAL REPORTS

Refer to Appendix D for a copy of the text, maps, and analytical tables from Delta's May 2002 Property Divestment Assessment. Complete copies of Delta's assessment and the other environmental reports discussed in this ESA are maintained by AKT Peerless.

A Final Assessment Report (FAR) was completed for the subject property by Environmental Science and Technology, Inc. (EST), on November 9, 1993. According to the FAR, the following underground storage tanks (USTs) are located on the subject property:

- One 6,000-gallon steel gasoline UST
- One 8,000-gallon steel premium unleaded gasoline UST
- One 10,000-gallon steel mid-grade unleaded gasoline UST

According to the FAR, the premium unleaded gasoline UST was overfilled on March 2, 1992 resulting in the spillage of 30 to 50 gallons of gasoline on the ground. The spill was cleaned up using absorbent materials by Inland Waters. A confirmed release was reported to the Michigan State Police Fire Marshall Division on March 4, 1992.

Subsurface investigation activities were conducted by EST from May 19 through May 28, 1992 and on August 5 and 6, 1993. Five soil borings and one observation well were installed on the subject property and five soil borings were installed on adjoining properties to the north, south, east, and west. Soil and groundwater samples were collected and analyzed for gasoline parameters. According to EST's FAR, soil and groundwater contamination was confined to the subject property and the vertical extent was limited to a depth of approximately 20 feet below ground surface (bgs).

A Closure Report was submitted to the MDEQ by Delta Environmental Consultants (Delta) on September 26, 1996. The subject property was granted unrestricted residential closure by the MDEQ on October 25, 1996.

A Property Divestment Assessment was completed by Delta on May 15, 2002. On April 13, 2002, Delta installed five soil borings and collected ten soil samples and two groundwater samples. All samples were submitted to a laboratory and analyzed for gasoline parameters. According to the Property Divestment Assessment, analytical results for soil and groundwater were consistent with results from previous investigations.

Soil encountered during subsurface investigation activities consisted of fine to medium-grained sand and silt from beneath the concrete to a depth of approximately 5 feet bgs. Clay was encountered beneath the sand and silt to a depth of 25 feet, the maximum depth explored. Groundwater was only encountered in the southwest corner of the subject property in sand seam at a depth of approximately seven to nine feet bgs.

Based on review of previous reports and laboratory analytical results, it appears that soil and groundwater contamination on the subject property does not exceed applicable MDEQ Tier I Cleanup Criteria. Therefore, unrestricted residential closure is appropriate for the site.

4.0 SITE INSPECTION

The objective of the site inspection was to identify recognized environmental conditions, such as evidence of hazardous materials, oil spills or surface staining, storage tank systems, potential polychlorinated biphenyls (PCBs) and asbestos sources, as well as other obvious environmental concerns associated with the subject property.

On June 20, 2002, Mr. Bret Stuntz of AKT Peerless conducted an inspection of the subject property. Refer to Appendix F for AKT Peerless' completed Site Inspection Checklist. The following sections discuss the major environmental concerns considered during the site inspection.

AKT Peerless did not encounter limitations imposed by physical obstructions (e.g., demolished buildings, snow cover or dense vegetation) during the site inspection.

4.1 HAZARDOUS SUBSTANCES AND PETROLEUM PRODUCTS

AKT Peerless observed several small (one gallon or less) containers of oils and automobile fluids in the convenience store. All materials appeared to be stored responsibly, and AKT Peerless did not observe any evidence of leaks or stains associated with these products. Otherwise, hazardous substances or petroleum products identified at the subject property were limited to the gasoline USTs located around the subject building.

4.2 HAZARDOUS AND NON-HAZARDOUS WASTE

AKT Peerless did not observe any evidence of hazardous waste generation, storage, or releases at the subject property. Non hazardous wastes appeared to be limited to general refuse.

4.3 UNIDENTIFIED SUBSTANCES

AKT Peerless did not observe any unidentified substances during its site inspection.

4.4 STORAGE TANK SYSTEMS

As discussed throughout this report, one 6,000-gallon UST, one 8,000-gallon UST, and one 10,000-gallon UST are located on the subject property. AKT Peerless observed a Veeder Root TLS-350 R. leak detection system for the USTs in the gasoline station building. AKT Peerless observed three vent pipes for the USTs along the eastern property boundary.

Based on AKT Peerless' review of available information, the three USTs appear to be in compliance with applicable state and federal performance standards for UST systems. AKT Peerless requested UST installation records from Mr. Berry and Ms. Amy Gennaro of Comerica Bank; however, these materials were not available.

AKT Peerless also requested the owner's Third Party Liability Corrective Action Policy. According to Ms. Gennaro, Armada Oil provided Comerica Bank with appropriate financial responsibility policy during recent property closing activities.

Ms. Gennaro provided AKT Peerless with a Certificate of Underground Storage Tank System Testing for the currently existing USTs at the subject property. According to the report, the tanks were tested in accordance with all applicable portions of federal and local regulations on April 15, 2002. The report indicated that the tanks tested tight.

Otherwise, no visual evidence (i.e., vent pipes, fill ports, dispensing pumps) of currently existing UST or aboveground storage tank (AST) systems was observed at the subject property during the site visit.

4.5 SUSPECT PCB SOURCES

AKT Peerless inspected the subject property for the presence of liquid-cooled electrical units such as transformers and large capacitors. Such units are notable as they may be potential PCB sources. The potential PCB sources and any obvious environmental concerns observed, such as leaks and stains, are summarized in the following table.

Source Description	Source Location	Responsibility	Observed Environmental Concerns
Fluorescent light fixtures	Throughout building	Facility	None

Fluorescent light ballasts, manufactured or installed before 1980, may contain PCBs. These ballasts are considered small capacitors under the Toxic Substances Control Act (TSCA). AKT Peerless was unable to inspect fluorescent light ballasts installed in the light fixtures because these ballasts were inaccessible; however, no obvious evidence of leaking units was noted.

According to assessing department information, the interior of the mart was remodeled in 1993. Therefore, it is unlikely that the ballasts within these light fixtures are PCB-containing, and as such, they represent a minimal environmental risk to the subject property.

4.6 SUSPECT ASBESTOS SOURCES

AKT Peerless noted observable materials (e.g., materials that are readily accessible and visible without dismantling permanent structures, such as walls, floors, and plaster ceilings) that may contain asbestos. The suspect asbestos-containing material (ACM) sources noted and any obvious environmental concerns associated with these sources, such as damage or friability, are summarized in the following table.

Material and Location	Quantity	Physical Condition	Analyzed	Lab Results (% Asbestos)
2-foot by 2-foot suspended ceiling tile; mart area	< 1,500 sq. ft.	Good; friable	No	Not applicable

As noted above, suspect asbestos containing materials observed during AKT Peerless' site inspection were limited to suspended ceiling tiles in the gasoline station building. As discussed in Section 3.3.2, according to assessment department file information, the interior of the mart was renovated in 1993. Therefore, these materials are not likely asbestos-containing and therefore do not represent an environmental concern.

The site inspection was not intended to disclose all possible sources of asbestos at the site. Rather, it was designed to assess the presence of the most significant (significant because of one or more of three factors: quantity present, condition, and ease of accessibility) sources of suspect ACBMs.

4.7 OTHER POTENTIAL ENVIRONMENTAL CONDITIONS

AKT Peerless did not observe any other conditions of potential environmental concern, such as air pollution emissions or the discharge of potentially hazardous wastewater or storm water, during inspection of the property. Further, AKT Peerless did not identify any issues of material non-compliance associated with site operations.

5.0 CONCLUSIONS AND RECOMMENDATIONS

The purpose of AKT Peerless' Phase I ESA was to provide a professional opinion of the potential and recognized environmental conditions and liabilities, if any, associated with the subject property. AKT Peerless' scope of work is based on and exceeds ASTM's "*Standard Practice For Environmental Site Assessments: ESA E-1527*," which defines good commercial and customary practice for conducting an ESA and establishing "due diligence."

In the professional opinion of AKT Peerless, an appropriate level of inquiry has been made into the previous ownership and uses of the property consistent with good commercial and customary practice in an effort to minimize liability, and no evidence or indication of *recognized environmental conditions* has been revealed, except for the following:

1. As discussed in Section 3.0, auto service was apparently conducted on the subject property from 1938 through at least 1966, during which time significant quantities of used oils were likely generated. However, as discussed in Section 3.5, analytical parameters from previous subsurface investigations were insufficient to properly evaluate the current and historical auto service activities conducted at the subject property.
2. As discussed in Section 3.3.5, the following USTs were identified during AKT Peerless' Sanborn fire insurance map review: a 550-gallon UST along the western property boundary in 1916, a UST toward the southwest corner of the property 1925, five USTs on the western and northern sides of the building 1931, and six USTs on the western and southern side of the building in the 1949 map. Boring locations from previous subsurface investigations did not appear sufficient to investigate all previous UST locations.
3. As discussed in Sections 2.6 and 3.2, a dry cleaners occupies the adjoining property to the north. Because the site directly adjoins the subject property and has been used as a dry cleaners since at least 1972, the site represents a potential environmental risk to the subject property.

In addition, AKT Peerless identified the following *historical recognized environmental condition*:

1. As discussed in Sections 3.0, 3.3.1, and 3.3.5, since approximately 1922, a gasoline station has been present on the property. A confirmed release was recorded for the subject property on March 3, 1992. As discussed in Section 3.5, subsurface investigations revealed that soil and groundwater contamination due to gasoline releases was confined to the subject property, and the vertical extent was limited to a depth of approximately 20 feet below ground surface (bgs). The site was granted unrestricted residential closure by MDEQ for this release on October 25, 1996. However, based on review of sampling results, the site would not meet current closure requirements.

To address the Recognized Environmental Conditions identified, AKT Peerless recommends conducting a subsurface investigation at the subject property to evaluate subsurface conditions. The estimated cost of the additional investigation, which we believe to be necessary, is between \$15,500 and \$17,500. AKT Peerless also recommends completing a Baseline Environmental Assessment (BEA) for the subject property. The estimated cost of completing a BEA, which we believe to be necessary, is between \$3,000 and \$4,000.

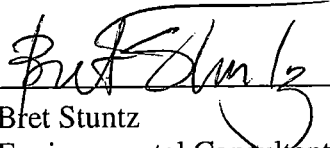
6.0 LIMITATIONS

The information and opinions obtained in this report are for the exclusive use of Armada Oil and Comerica Bank. No distribution to or reliance by other parties may occur without the express written permission of AKT Peerless. AKT Peerless will not distribute this report without your written consent or as required by law or by a Court order. The information and opinions contained in the report are given in light of that assignment. The report must be reviewed and relied upon only in conjunction with the terms and conditions expressly agreed-upon by the parties and as limited therein. Any third parties who have been extended the right to rely on the contents of this report by AKT Peerless (which is expressly required prior to any third-party release), expressly agrees to be bound by the original terms and conditions entered into by AKT Peerless and Armada Oil.

Subject to the above and the terms and conditions, AKT Peerless accepts responsibility for the competent performance of its duties in executing the assignment and preparing reports in accordance with the normal standards of the profession, but disclaims any responsibility for consequential damages. Although AKT Peerless believes that results contained herein are reliable, AKT Peerless cannot warrant or guarantee that the information provided is exhaustive or that the information provided by Armada Oil, or third parties is complete or accurate.

AKT Peerless warrants that the services, findings, and/or recommendations provided to AKT Peerless warrants that the services, findings, and/or recommendations provided to Comerica Incorporated, its affiliates and subsidiaries, and their respective successors and assigns Comerica, have been prepared, performed and rendered in accordance with procedures, practices, and standards generally accepted and customary in the consultant's profession for use in similar assignments. AKT Peerless shall indemnify, save and hold harmless Comerica from and against any and all losses, costs, expenses and liabilities, including without limit reasonable attorneys fees, which are attributable to the breach of the above warranty, up to an aggregate amount of \$1,000,000 (One Million Dollars), notwithstanding any limitation (expressed or implied) contained in any other agreement or document relating to the services, findings and/or recommendations provided by AKT Peerless.

Report submitted by: _____


Bret Stuntz
Environmental Consultant,
Environmental Compliance and Assessment Services
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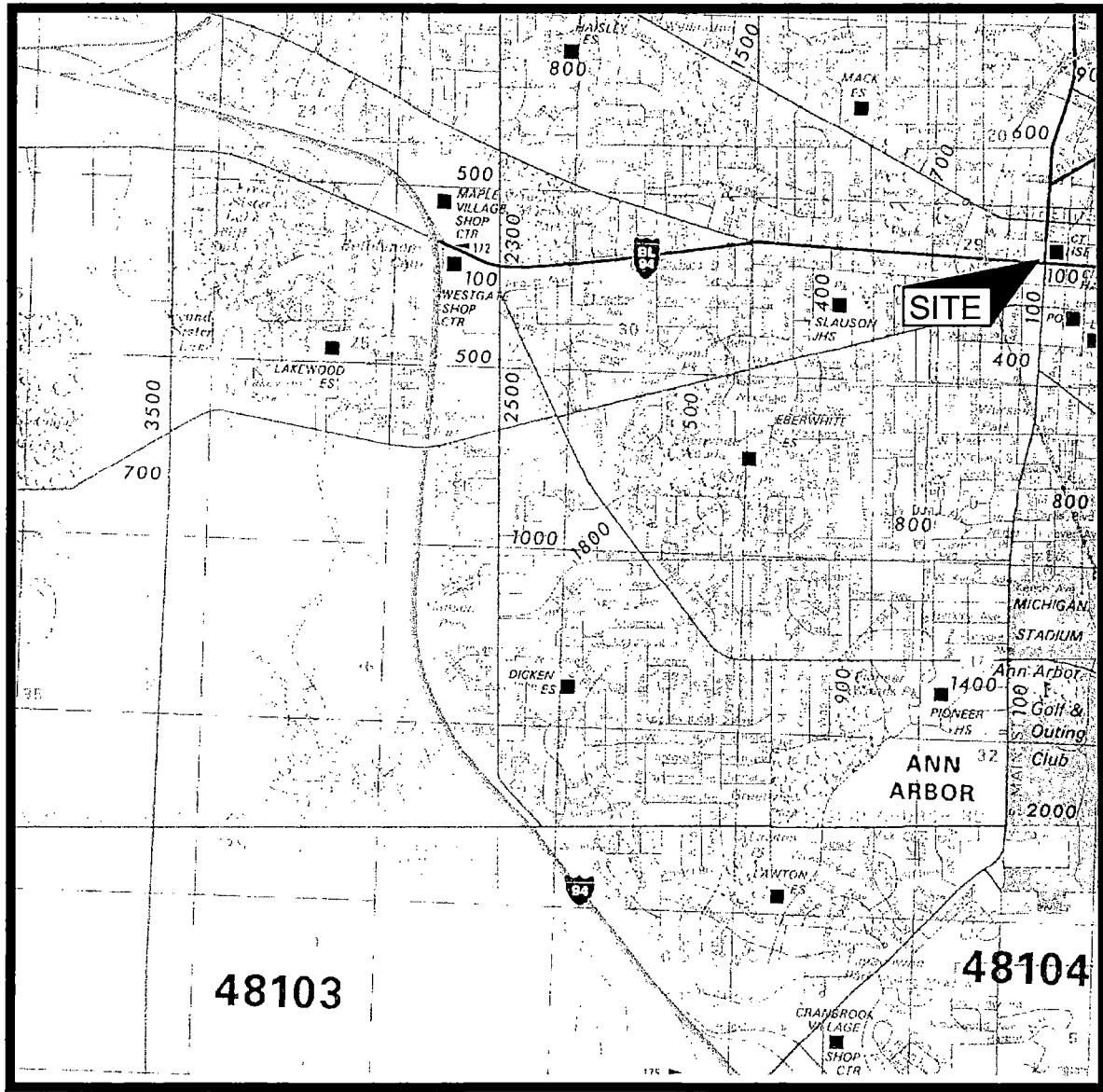
Report reviewed by: _____

Kenneth M. Majetic
Senior Environmental Consultant,
Environmental Compliance and Assessment Services
AKT PEERLESS ENVIRONMENTAL SERVICES

JULY 31, 2002

Fig. 1-1
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Fig. 1-3
Fig. 1-4
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Fig. 1-37
Fig. 1-38
Fig. 1-39
Fig. 1-40
Fig. 1-41
Fig. 1-42
Fig. 1-43
Fig. 1-44
Fig. 1-45
Fig. 1-46
Fig. 1-47
Fig. 1-48
Fig. 1-49
Fig. 1-50
Fig. 1-51
Fig. 1-52
Fig. 1-53
Fig. 1-54
Fig. 1-55
Fig. 1-56
Fig. 1-57
Fig. 1-58
Fig. 1-59
Fig. 1-60
Fig. 1-61
Fig. 1-62
Fig. 1-63
Fig. 1-64
Fig. 1-65
Fig. 1-66
Fig. 1-67
Fig. 1-68
Fig. 1-69
Fig. 1-70
Fig. 1-71
Fig. 1-72
Fig. 1-73
Fig. 1-74
Fig. 1-75
Fig. 1-76
Fig. 1-77
Fig. 1-78
Fig. 1-79
Fig. 1-80
Fig. 1-81
Fig. 1-82
Fig. 1-83
Fig. 1-84
Fig. 1-85
Fig. 1-86
Fig. 1-87
Fig. 1-88
Fig. 1-89
Fig. 1-90
Fig. 1-91
Fig. 1-92
Fig. 1-93
Fig. 1-94
Fig. 1-95
Fig. 1-96
Fig. 1-97
Fig. 1-98
Fig. 1-99
Fig. 1-100

FIGURES



AKT PEERLESS
environmental services

22725 Orchard Lake Road, Farmington, MI 48336
phone: (248) 615-1333 fax: (248) 615-1334

SITE LOCATION MAP

300 North Main Street
ANN ARBOR, MICHIGAN
PROJECT NUMBER: 3657F-1-17

DRAWN BY: KMM

DATE: 06/10/02

FIGURE 1



AA CREDIT UNION

H&R BLOCK

ART GALLERY

FORMER UST AREAS

NORTH MAIN STREET

PARKING

CLEANERS

PUMP ISLANDS

BUILDING

FORMER AUTO SERVICE

OFFICE BUILDING (FORMER AUTO GARAGE)

FORMER UST AREAS

FORMER USED OIL UST AREA

CATHERINE STREET

THE OLD FASHION SOUP KITCHEN

WASHTENAW CO. ADMIN. BUILDING

LEGEND

— PROPERTY LINE

AKTPEERLESS
environmental services

22725 Orchard Lake Road, Farmington, MI 48336
phone: (248) 615-1333 fax: (248) 615-1334

ARMADA OIL
PROJECT NAME

300 NORTH MAIN STREET
ANN ARBOR, MICHIGAN
PROJECT NUMBER : 3657F-1-17
DRAWING NUMBER : PM1

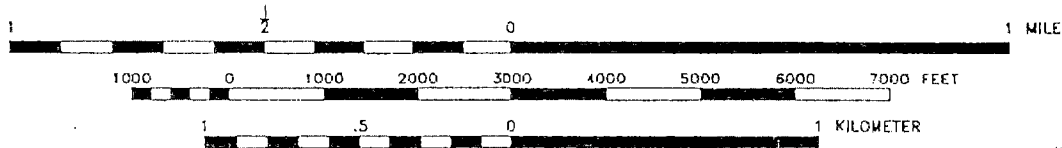
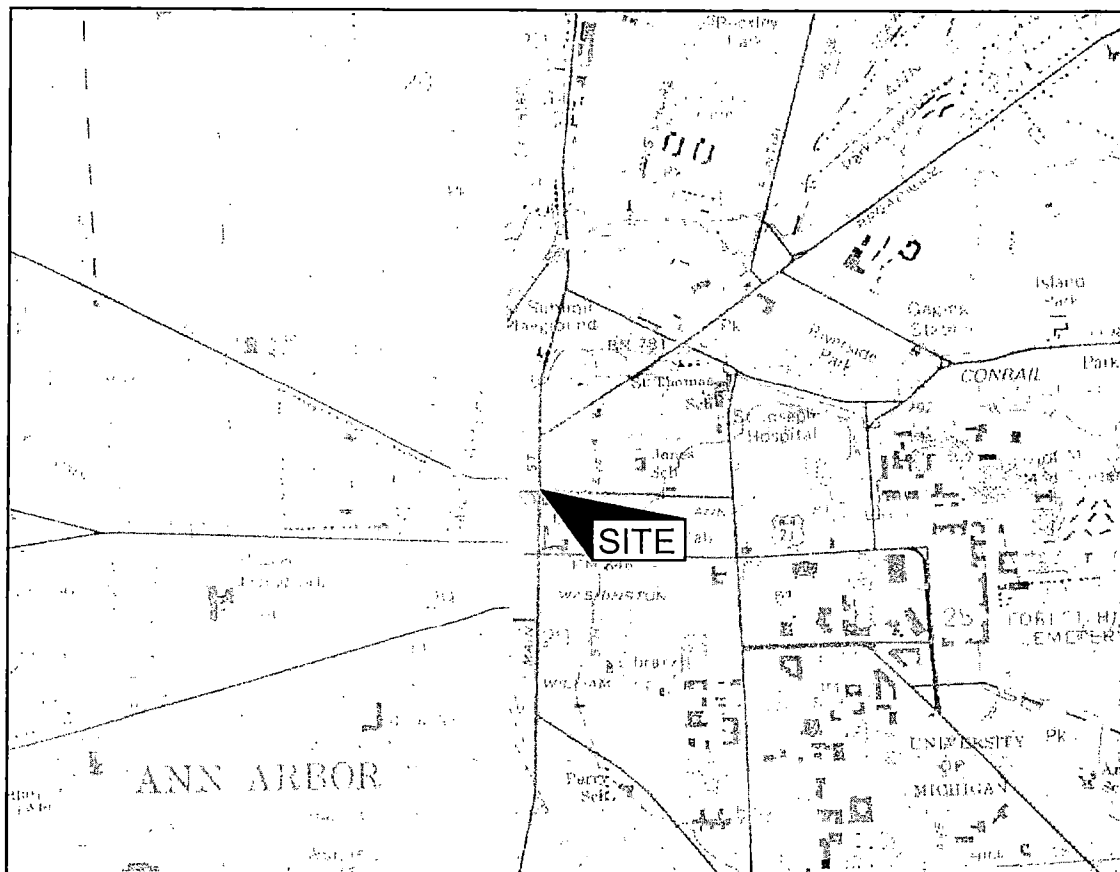
DRAWN BY: JB
DATE: 07-15-02

0 20' 40'
SCALE: 1" = 40'

FIGURE 2

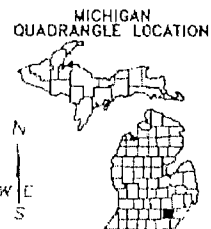
ANN ARBOR EAST & ANN ARBOR
WEST QUADRANGLES

MICHIGAN - WASHTENAW COUNTY
7.5 MINUTE SERIES (TOPOGRAPHIC)



CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

IMAGE TAKEN FROM 1968 U.S.G.S. TOPOGRAPHIC MAP
PHOTOREVISED 1973 & 1980



AKT PEERLESS
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22725 Orchard Lake Road, Farmington, MI 48336
phone: (248) 615-1333 fax: (248) 615-1334

TOPOGRAPHIC SITE MAP

300 North Main Street
ANN ARBOR, MICHIGAN
PROJECT NUMBER: 3657F-1-17

DRAWN BY: RT
DATE: 07/16/02

FIGURE 3



AKT PEERLESS
environmental services

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phone: (248) 615-1333 fax: (248) 615-1334

PLAT MAP

300 North Main Street
ANN ARBOR, MICHIGAN
PROJECT NUMBER: 3657F-1-17

DRAWN BY: RT
DATE: .7/15/02

FIGURE 4

APPENDIX A
Legal Description

Site # 05172
N. Main & Catherine
Ann Arbor, MI

EXHIBIT A

LEGAL DESCRIPTION

Following real property situated in the City of Ann Arbor, County of Washtenaw, and State of Michigan, described as follows, to wit:

Lot One (1) and the South Quarter (S 1/4) of Lot Two(2) in Block Three (3), North of Huron Street, Range Four (4) East, according to the plat of the Village, now City, of Ann Arbor, recorded on May 25, 1924, excepting therefrom the East Forty-four feet (44') thereof, said premises being located at the Northeast corner of Main Street and Catherine Street in said City of Ann Arbor.

SUBJECT TO SELLER VERIFICATION

APPENDIX B
Property Photographs



Photograph No. 1
Subject Property: 300 North Main, Ann Arbor, MI
Facing Southeast



Photograph No. 2
Subject Property: 300 North Main, Ann Arbor, MI
Facing East

AKTPEERLESS
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Phone (248) 615-1333 FAX (248) 615-1334

PROPERTY PHOTOGRAPHS
300 North Main
Ann Arbor, Michigan
PROJECT NUMBER: 3657f-1-17

Taken by: BS

DATE: 07/02/02



Photograph No. 3
Adjoining Property: East Beyond North Main Street
Multi-tenant Commercial Development



Photograph No. 4
Adjoining Property: North
Commercial Development Occupied by Eureka Cleaners

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Phone (248) 615-1333 FAX (248) 615-1334

PROPERTY PHOTOGRAPHS
300 North Main
Ann Arbor, Michigan
PROJECT NUMBER: 3657f-1-17

Taken by: BS

DATE: 07/02/02



Photograph No. 5
Adjoining Property: South beyond Catherine Street
Washtenaw County Administration Building



Photograph No. 6
Adjoining Property: East
Commercial Development Occupied by G Graphic Arts

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Phone (248) 615-1333 FAX (248) 615-1334

PROPERTY PHOTOGRAPHS
300 North Main
Ann Arbor, Michigan
PROJECT NUMBER: 3657f-1-17

Taken by: BS

DATE: 07/02/02

APPENDIX C

Federal and State Database Information



The EDR Radius Map™ Report

300 North Main
300 North Main
Ann Arbor, MI 48103

Inquiry Number: 803138.5s

June 21, 2002

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
Overview Map.....	2
Detail Map.....	3
Map Findings Summary.....	4
Map Findings.....	5
Orphan Summary.....	34
Government Records Searched/Data Currency Tracking.....	GR-1

GEOCHECK ADDENDUM

GeoCheck - Not Requested

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 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

300 NORTH MAIN
ANN ARBOR, MI 48103

COORDINATES

Latitude (North): 42.283400 - 42° 17' 0.2"
Longitude (West): 83.748300 - 83° 44' 53.9"
Universal Transverse Mercator: Zone 17
UTM X (Meters): 273390.4
UTM Y (Meters): 4684686.5

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 2442083-C6 ANN ARBOR EAST, MI
Source: USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following government records. For more information on this property see page 5 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
AMOCO OIL CO 5172 300 N MAIN ANN ARBOR, MI 48104	RCRIS-SQG FINDS LUST UST	MID985607571

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP..... CERCLIS No Further Remedial Action Planned
CORRACTS..... Corrective Action Report
RCRIS-TSD..... Resource Conservation and Recovery Information System
RCRIS-LQG..... Resource Conservation and Recovery Information System
ERNS..... Emergency Response Notification System

STATE ASTM STANDARD

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

EXECUTIVE SUMMARY

FEDERAL ASTM SUPPLEMENTAL

CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
Delisted NPL	National Priority List Deletions
HMIRS	Hazardous Materials Information Reporting System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
NPL Liens	Federal Superfund Liens
PADS	PCB Activity Database System
RAATS	RCRA Administrative Action Tracking System
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

STATE OR LOCAL ASTM SUPPLEMENTAL

AST	Aboveground Tanks
------------------	-------------------

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

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 target property includes a tolerance of +/- 10 feet. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property (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.

Unmappable (orphan) sites are not considered in the foregoing analysis.

FEDERAL ASTM STANDARD

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 04/01/2002 has revealed that there are 13 RCRIS-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>J P EUREKA CLEANERS INC</i>	<i>308 N MAIN ST</i>	<i>0 - 1/8 SW</i>	<i>A2</i>	<i>6</i>
<i>U OF M COMMUNITY DENTAL CTR</i>	<i>406 N ASHLEY</i>	<i>0 - 1/8 NW</i>	<i>5</i>	<i>7</i>
<i>ANN ARBOR ARMORY</i>	<i>223 E ANN ST</i>	<i>0 - 1/8 SE</i>	<i>7</i>	<i>9</i>
<i>ANN ARBOR CITY OF</i>	<i>111 N MAIN ST</i>	<i>1/8 - 1/4 S</i>	<i>8</i>	<i>9</i>
<i>RO AN REALITY CO</i>	<i>208 W HURON ST</i>	<i>1/8 - 1/4 SSW</i>	<i>B10</i>	<i>10</i>
<i>THERMO ANALYTICAL ENVR RESEACH</i>	<i>117 N FIRST</i>	<i>1/8 - 1/4 SW</i>	<i>11</i>	<i>11</i>
<i>ANN ARBOR FIRE DEPT</i>	<i>111 N 5TH AVE</i>	<i>1/8 - 1/4 SE</i>	<i>C13</i>	<i>12</i>

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>GREAT COPY CO</i>	<i>110 E WASHINGTON</i>	<i>1/8 - 1/4 S</i>	<i>D19</i>	<i>16</i>
<i>WEST WASHINGTON STREET ASSOCIA</i>	<i>112 W WASHINGTON ST</i>	<i>1/8 - 1/4 S</i>	<i>D20</i>	<i>17</i>
<i>AMERITECH CORP</i>	<i>324 E HURON ST</i>	<i>1/8 - 1/4 SE</i>	<i>E21</i>	<i>17</i>
<i>BOOTH NEWSPAPERS INC ANN ARBOR</i>	<i>340 E HURON ST</i>	<i>1/8 - 1/4 SE</i>	<i>E24</i>	<i>19</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>ROSS-BEAKES COLLISION</i>	<i>314 W ANN</i>	<i>1/8 - 1/4 WSW 9</i>		<i>10</i>
<i>C B DEVELOPMENT</i>	<i>220 FELCH</i>	<i>1/8 - 1/4 NNW F26</i>		<i>20</i>

STATE ASTM STANDARD

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 are 5 SHWS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>ARMENS CLEANERS</i>	<i>630 S ASHLEY</i>	<i>1/2 - 1 S</i>	<i>49</i>	<i>33</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>MICH CON BEAKES ST</i>	<i>BEAKES / SUMMIT STS</i>	<i>1/4 - 1/2 NE</i>	<i>36</i>	<i>26</i>
<i>ALLEN CREEK DRAIN</i>	<i>912 N MAIN ST</i>	<i>1/4 - 1/2 N</i>	<i>145</i>	<i>32</i>
<i>MICH CON BROADWAY ST</i>	<i>841 BROADWAY STREET</i>	<i>1/2 - 1 NE</i>	<i>47</i>	<i>33</i>
<i>LANSKY SCRAPYARD</i>	<i>1100 N MAIN</i>	<i>1/2 - 1 N</i>	<i>48</i>	<i>33</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 02/01/2002 has revealed that there are 20 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>DE LONG BBQ PIT</i>	<i>314 DETROIT</i>	<i>0 - 1/8 E</i>	<i>4</i>	<i>6</i>
<i>BEAKES STREET SERVICE STATION</i>	<i>101 BEAKES ST</i>	<i>0 - 1/8 N</i>	<i>6</i>	<i>8</i>
<i>ANN ARBOR FIRE DEPT</i>	<i>111 N 5TH AVE</i>	<i>1/8 - 1/4 SE</i>	<i>C13</i>	<i>12</i>
<i>COMERICA BANK</i>	<i>300 E HURON ST</i>	<i>1/8 - 1/4 SE</i>	<i>C16</i>	<i>14</i>
<i>COMERICA INC</i>	<i>312-314 E HURON</i>	<i>1/8 - 1/4 SE</i>	<i>C18</i>	<i>16</i>
<i>ANN ARBOR CO</i>	<i>324 E HURON ST</i>	<i>1/8 - 1/4 SE</i>	<i>E22</i>	<i>18</i>
<i>BUDGET RENT A CAR</i>	<i>200 S ASHLEY ST</i>	<i>1/8 - 1/4 SSW</i>	<i>23</i>	<i>19</i>
<i>ANN ARBOR IMPLEMENT CO</i>	<i>210 S FIRST ST</i>	<i>1/8 - 1/4 SW</i>	<i>30</i>	<i>22</i>
<i>CAMPUS AUTO</i>	<i>202 S DIVISION</i>	<i>1/4 - 1/2 SE</i>	<i>G31</i>	<i>23</i>
<i>ARCURE MOTORS</i>	<i>617 DETROIT ST</i>	<i>1/4 - 1/2 NE</i>	<i>35</i>	<i>25</i>
<i>AMOCO OIL CO 5447 SOUTH MAIN</i>	<i>402 S MAIN</i>	<i>1/4 - 1/2 S</i>	<i>41</i>	<i>27</i>
<i>MAX GOLDMAN IRREVOCABLE TRUST</i>	<i>216 S STATE ST</i>	<i>1/4 - 1/2 ESE</i>	<i>42</i>	<i>29</i>

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
MAIN STREET GAS STATION	428 SOUTH MAIN	1/4 - 1/2S	43	30
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
BILL MUNCYS SERVICE	423 MILLER	1/8 - 1/4W	17	15
C.B DEVELOPMENT	220 FELCH ST	1/8 - 1/4 NNW	F27	20
DALE KRULL CONST	221 FELCH ST	1/8 - 1/4 NNW	F28	22
ILLI'S SERVICE	401 W HURON	1/8 - 1/4 WSW	29	22
PARKS & RECREATION BLDG	415 W WASHINGTON	1/4 - 1/2 SW	33	23
CITY GARAGE	721 N MAIN	1/4 - 1/2 N	34	24
MICHIGAN AUTOMOTIVE RESEARCH C	1332 LAKESHORE DR	1/4 - 1/2 N	144	31

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 02/01/2002 has revealed that there are 14 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
DE LONG BBQ PIT	314 DETROIT	0 - 1/8 E	4	6
BEAKES STREET SERVICE STATION	101 BEAKES ST	0 - 1/8 N	6	8
RO-AN REALTY CO	218-220 W HURON ST	1/8 - 1/4 SSW	B12	11
ANN ARBOR FIRE DEPT	111 N 5TH AVE	1/8 - 1/4 SE	C13	12
WCP INVESTMENTS PARTNERSHIP	117 N FIRST ST	1/8 - 1/4 SW	14	14
CITY HALL	100 N FIFTH AVE	1/8 - 1/4 SE	C15	14
COMERICA BANK	300 E HURON ST	1/8 - 1/4 SE	C16	14
COMERICA INC	312-314 E HURON	1/8 - 1/4 SE	C18	16
ANN ARBOR CO	324 E HURON ST	1/8 - 1/4 SE	E22	18
BUDGET RENT A CAR	200 S ASHLEY ST	1/8 - 1/4 SSW	23	19
ANN ARBOR IMPLEMENT CO	210 S FIRST ST	1/8 - 1/4 SW	30	22
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
BILL MUNCYS SERVICE	423 MILLER	1/8 - 1/4W	17	15
C.B DEVELOPMENT	220 FELCH ST	1/8 - 1/4 NNW	F27	20
DALE KRULL CONST	221 FELCH ST	1/8 - 1/4 NNW	F28	22

BEA: Baseline Environmental Assessment.

A review of the BEA list, as provided by EDR, and dated 03/24/2002 has revealed that there are 6 BEA sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
Not reported	100 MILLER AVE	0 - 1/8 SSW	A3	6
Not reported	202 SOUTH DIVISION STRE	1/4 - 1/2 SE	G32	23
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
Not reported	220 FELCH STREET	1/8 - 1/4 NNW	F25	20
Not reported	340 DEPOT STREET	1/4 - 1/2 NE	H38	26
MICH CON BEAKES STREET	340 DEPOT STREET	1/4 - 1/2 NE	H39	27
Not reported	815 WILDT ST	1/4 - 1/2 N	40	27

EXECUTIVE SUMMARY

PROPRIETARY DATABASES

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

A review of the Coal Gas list, as provided by EDR, has revealed that there are 2 Coal Gas sites within approximately 1 mile of the target property.

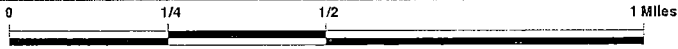
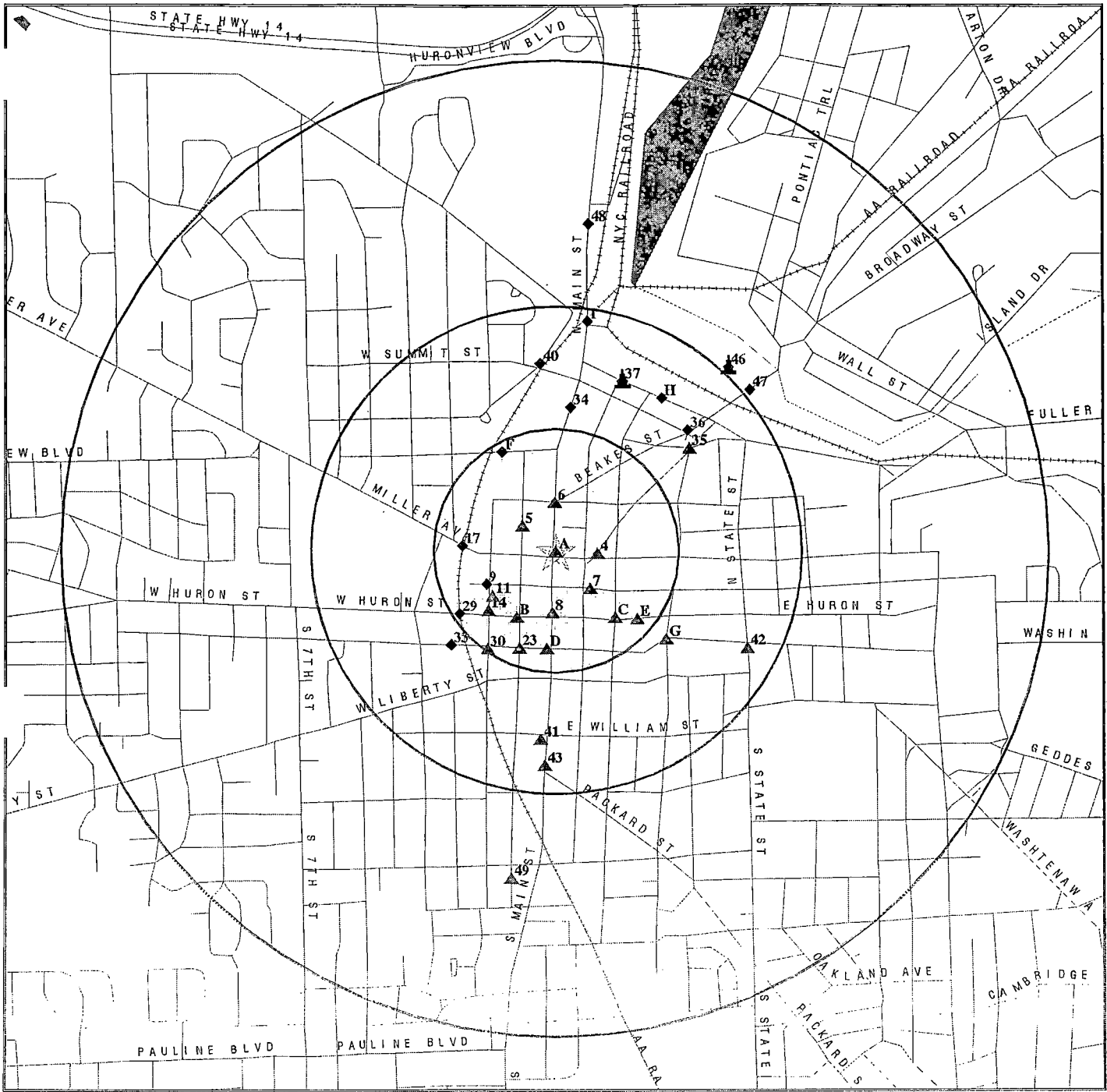
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CITY GAS WORKS	209-211 DEPOT	1/4 - 1/2 NNE	37	26
ANN ARBOR GAS LIGHT CO.	BROADWAY	1/2 - 1 NE	46	32

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
UNIV OF MICH HOSPITAL FULLER RD	SHWS
UM NORTH CAMPUS LANDFILL AREA	SHWS
STAEBLER ROAD GW CONTAM	SHWS
AVFUEL BULK FACILITY	SHWS
UNIVERSITY OF MICH LF NO 1	SHWS
MICHIGAN CONSOLIDATED COAL PLT #2	CERC-NFRAP
UNIVERSITY OF MICHIGAN LANDFILL #1	CERC-NFRAP
ANN ARBOR PIPE & SUPPLY	LUST, UST
SIR SPEEDY	RCRIS-SQG
SPEEDWAY 8705	RCRIS-SQG
NORTH MAPLE AND MILLER ROAD	ERNS
ROBEY TIRE CO MAIN ST	ERNS
NORTH ARBOR PARK MHP WWTP	FINDS
2505 - 2463 MILLER ROAD	BEA
924 - 936 NORTH MAIN STREET	BEA
1.29 ACRES NW OF WASHTENAW / HURON	BEA

OVERVIEW MAP - 803138.5s - AKT Environmental Consultants



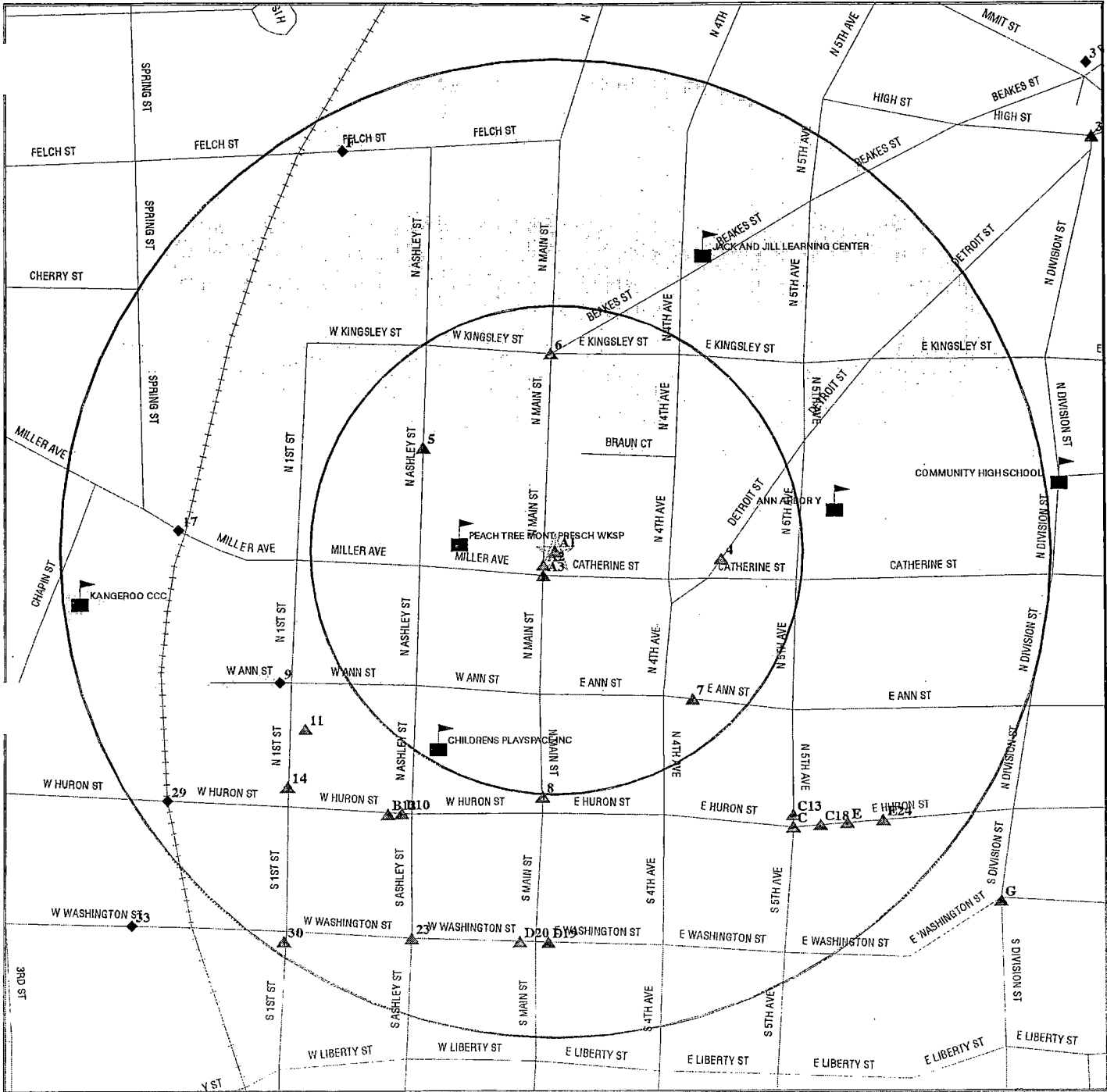
- ☆ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites
- National Priority List Sites
- Landfill Sites

- Power transmission lines
- Oil & Gas pipelines



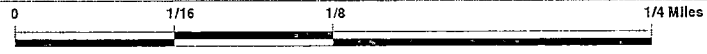
TARGET PROPERTY:	300 North Main	CUSTOMER:	AKT Environmental Consultants
ADDRESS:	300 North Main	CONTACT:	Sean Kane
CITY/STATE/ZIP:	Ann Arbor MI 48103	INQUIRY #:	803138.5s
LAT/LONG:	42.2834 / 83.7483	DATE:	June 21, 2002 7:29 pm

DETAIL MAP - 803138.5s - AKT Environmental Consultants



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites
- Sensitive Receptors
- National Priority List Sites
- Landfill Sites

⚡ Power transmission lines
 ⚡ Oil & Gas pipelines



TARGET PROPERTY: 300 North Main
 ADDRESS: 300 North Main
 CITY/STATE/ZIP: Ann Arbor MI 48103
 LAT/LONG: 42.2834 / 83.7483

CUSTOMER: AKT Environmental Consultants
 CONTACT: Sean Kane
 INQUIRY #: 803138.5s
 DATE: June 21, 2002 7:29 pm

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL ASTM STANDARD</u>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRIS-TSD		0.500	0	0	0	NR	NR	0
RCRIS Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRIS Sm. Quan. Gen.	X	0.250	3	10	NR	NR	NR	13
ERNS		TP	NR	NR	NR	NR	NR	0
<u>STATE ASTM STANDARD</u>								
State Haz. Waste		1.000	0	0	2	3	NR	5
State Landfill		0.500	0	0	0	NR	NR	0
LUST	X	0.500	2	10	8	NR	NR	20
UST	X	0.250	2	12	NR	NR	NR	14
BEA		0.500	1	1	4	NR	NR	6
<u>FEDERAL ASTM SUPPLEMENTAL</u>								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
<u>STATE OR LOCAL ASTM SUPPLEMENTAL</u>								
AST		TP	NR	NR	NR	NR	NR	0
<u>EDR PROPRIETARY HISTORICAL DATABASES</u>								
Coal Gas		1.000	0	0	1	1	NR	2

TP = Target Property

NR = Not Requested at this Search Distance

* Sites may be listed in more than one database

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

A1 **AMOCO OIL CO 5172**
Target **300 N MAIN**
Property **ANN ARBOR, MI 48104**

RCRIS-SQG **1000466031**
FINDS **MID985607571**
LUST
UST

Site 1 of 3 in cluster A

RCRIS:

Owner: AMOCO OIL CO
 (810) 855-1060
 EPA ID: MID985607571
 Contact: KAYE CLEGHORN
 (313) 855-1060

Classification: Small Quantity Generator
 Used Oil Recyc: No
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

LUST:

Facility ID: 00005725
 Release Number: C-0372-92
 Release Date: 03/03/1992
 Facility Status: CLOSED
 District: JACKSON DISTRICT OFFICE
 Closed Date: 09/26/1996

UST:

Facility ID: 5725.00000
 Tank ID: 4
 Owner: AMOCO PETROLEUM PRODUCTS Owner Phone: (734) 953-7013
 Owner Address: ATTN: JEFF WESTON 17187 N LAURELL PK SUITE #365
 LIVONIA, MI 48152
 Product: Gasoline
 Capacity: 10000.00000
 Tank Status: Currently In Use

Facility ID: 5725.00000
 Tank ID: 1
 Owner: AMOCO PETROLEUM PRODUCTS Owner Phone: (734) 953-7013
 Owner Address: ATTN: JEFF WESTON 17187 N LAURELL PK SUITE #365
 LIVONIA, MI 48152
 Product: Gasoline
 Capacity: 6000.00000
 Tank Status: Removed from Ground

Facility ID: 5725.00000
 Tank ID: 2
 Owner: AMOCO PETROLEUM PRODUCTS Owner Phone: (734) 953-7013
 Owner Address: ATTN: JEFF WESTON 17187 N LAURELL PK SUITE #365
 LIVONIA, MI 48152
 Product: Gasoline
 Capacity: 6000.00000
 Tank Status: Currently In Use

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

AMOCO OIL CO 5172 (Continued)

1000466031

Facility ID: 5725.00000
 Tank ID: 3
 Owner: AMOCO PETROLEUM PRODUCTS Owner Phone: (734) 953-7013
 Owner Address: ATTN: JEFF WESTON 17187 N LAURELL PK SUITE #365
 LIVONIA, MI 48152
 Product: Gasoline
 Capacity: 8000.00000
 Tank Status: Currently In Use

**A2
 SW
 < 1/8
 49 ft.
 Higher**

**J P EUREKA CLEANERS INC
 308 N MAIN ST
 ANN ARBOR, MI 48104
 Site 2 of 3 in cluster A**

**RCRIS-SQG 1000112916
 FINDS MID981775273**

RCRIS:
 Owner: PARK JONG SOO
 (312) 555-1212
 EPA ID: MID981775273
 Contact: JONG PARK
 (313) 662-1767
 Classification: Small Quantity Generator
 Used Oil Recyc: No
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

**A3
 SSW
 < 1/8
 72 ft.
 Higher**

**100 MILLER AVE
 ANN ARBOR CITY, MI
 Site 3 of 3 in cluster A**

**BEA S105254178
 N/A**

BEA:
 Petition Disclosure: 1
 BEA Number: 335
 District: Jackson
 Date Received: 01/04/2002
 Submitter Name: Ann Arbor Real Estate Group LLC
 Petition Determination: Pending
 Category: No Hazardous Substance(s)
 Determination 20107A: No Request
 Reviewer: katkov
 Division Assigned: Environmental Response Division

**4
 East
 < 1/8
 444 ft.
 Higher**

**DE LONG BBQ PIT
 314 DETROIT
 ANN ARBOR, MI 48104**

**LUST U003790732
 UST N/A**

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

DE LONG BBQ PIT (Continued)

U003790732

LUST:

Facility ID: 00040666
Release Number: C-0160-01
Release Date: 03/14/2001
Facility Status: CLOSED
District: JACKSON DISTRICT OFFICE
Closed Date: 07/30/2001

UST:

Facility ID: 40666.00000
Tank ID: 4
Owner: MAV CORPORATION
Owner Address: 303 DETROIT
ANN ARBOR, MI 48104
Product: Gasoline
Capacity: 1500.00000
Tank Status: Not reported

Owner Phone: (734) 930-6700

Facility ID: 40666.00000
Tank ID: 1
Owner: MAV CORPORATION
Owner Address: 303 DETROIT
ANN ARBOR, MI 48104
Product: Gasoline
Capacity: 1500.00000
Tank Status: Not reported

Owner Phone: (734) 930-6700

Facility ID: 40666.00000
Tank ID: 2
Owner: MAV CORPORATION
Owner Address: 303 DETROIT
ANN ARBOR, MI 48104
Product: Gasoline
Capacity: 1500.00000
Tank Status: Not reported

Owner Phone: (734) 930-6700

Facility ID: 40666.00000
Tank ID: 3
Owner: MAV CORPORATION
Owner Address: 303 DETROIT
ANN ARBOR, MI 48104
Product: Gasoline
Capacity: 10000.00000
Tank Status: Not reported

Owner Phone: (734) 930-6700

5
NW
< 1/8
452 ft.
Same

U OF M COMMUNITY DENTAL CTR
406 N ASHLEY
ANN ARBOR, MI 48103

RCRIS-SQG 1004725367
MIR000042267

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

U OF M COMMUNITY DENTAL CTR (Continued)

1004725367

RCRIS:

Owner: THE CITY OF ANN ARBOR
 (734) 994-2721
 EPA ID: MIR000042267
 Contact: TIMOTHY CULLEN
 (734) 763-4568

Classification: Small Quantity Generator
 Used Oil Recyc: No
 TSDF Activities: Not reported
 Violation Status: No violations found

**6
 North
 < 1/8
 532 ft.
 Higher**

**BEAKES STREET SERVICE STATION
 101 BEAKES ST
 ANN ARBOR, MI 48103**

**LUST U000266122
 UST N/A**

LUST:

Facility ID: 00010245
 Release Number: C-0587-89
 Release Date: 09/27/1989
 Facility Status: CLOSED
 District: JACKSON DISTRICT OFFICE
 Closed Date: / /

UST:

Facility ID: 10245.00000
 Tank ID: 1
 Owner: CITY OF ANN ARBOR
 Owner Address: 100 N FIFTH AVE PO BOX 8647
 ANN ARBOR, MI 48107
 Product: Gasoline
 Capacity: 2000.00000
 Tank Status: Removed From Ground

Owner Phone: (734) 994-6095

Facility ID: 10245.00000
 Tank ID: 2
 Owner: CITY OF ANN ARBOR
 Owner Address: 100 N FIFTH AVE PO BOX 8647
 ANN ARBOR, MI 48107
 Product: Gasoline
 Capacity: 4000.00000
 Tank Status: Removed From Ground

Owner Phone: (734) 994-6095

Facility ID: 10245.00000
 Tank ID: 5
 Owner: CITY OF ANN ARBOR
 Owner Address: 100 N FIFTH AVE PO BOX 8647
 ANN ARBOR, MI 48107
 Product: Used Oil
 Capacity: 2000.00000
 Tank Status: Removed From Ground

Owner Phone: (734) 994-6095

Facility ID: 10245.00000
 Tank ID: 4
 Owner: CITY OF ANN ARBOR

Owner Phone: (734) 994-6095

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

BEAKES STREET SERVICE STATION (Continued)

U000266122

Owner Address: 100 N FIFTH AVE PO BOX 8647
 ANN ARBOR, MI 48107
 Product: FUEL OIL
 Capacity: 500.00000
 Tank Status: Removed From Ground

Facility ID: 10245.00000
 Tank ID: 3

Owner: CITY OF ANN ARBOR
 Owner Address: 100 N FIFTH AVE PO BOX 8647
 ANN ARBOR, MI 48107

Owner Phone: (734) 994-6095

Product: Gasoline
 Capacity: 3000.00000
 Tank Status: Removed From Ground

7
SE
< 1/8
543 ft.
Higher

ANN ARBOR ARMORY
223 E ANN ST
ANN ARBOR, MI 48104

RCRIS-SQG 1004722935
MID982606642

RCRIS:
 Owner: MI DEPT OF MILITARY AFFAIRS
 (312) 555-1212
 EPA ID: MID982606642
 Contact: ALAN LEBIODA
 (517) 483-5807
 Classification: Conditionally Exempt Small Quantity Generator
 Used Oil Recyc: No
 TSDf Activities: Not reported
 Violation Status: No violations found

8
South
1/8-1/4
667 ft.
Higher

ANN ARBOR CITY OF
111 N MAIN ST
ANN ARBOR, MI 48107

RCRIS-SQG 1000828199
FINDS MID985652627

RCRIS:
 Owner: ANN ARBOR CITY OF
 (313) 994-6696
 EPA ID: MID985652627
 Contact: DAN CULLEN
 (313) 994-6696
 Classification: Small Quantity Generator
 Used Oil Recyc: No
 TSDf Activities: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

EPA ID Number
 EPA ID Number

ANN ARBOR CITY OF (Continued)

1000828199

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

9
WSW
1/8-1/4
822 ft.
Lower

ROSS-BEAKES COLLISION
314 W ANN
ANN ARBOR, MI 48104

RCRIS-SQG 1000376340
FINDS MID981532377

RCRIS:

Owner: WALTERS DAN
 (312) 555-1212
 EPA ID: MID981532377
 Contact: DAN WALTERS
 (313) 662-4141

Classification: Small Quantity Generator
 Used Oil Recyc: No
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

B10
SSW
1/8-1/4
823 ft.
Higher

RO AN REALITY CO
208 W HURON ST
ANN ARBOR, MI 48103

RCRIS-SQG 1000866017
FINDS MID985661651

Site 1 of 2 in cluster B

RCRIS:

Owner: RO AN REALITY CO
 (313) 741-1444
 EPA ID: MID985661651
 Contact: ANDREW GULVEZAN
 (313) 741-1444

Classification: Small Quantity Generator
 Used Oil Recyc: No
 TSDF Activities: Not reported

Violation Status: No violations found

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

RO AN REALTY CO (Continued)

1000866017

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

11
SW
1/8-1/4
829 ft.
Same

THERMO ANALYTICAL ENVR RESEACH GROUP
117 N FIRST
ANN ARBOR, MI 48104

RCRIS-SQG 1000364973
FINDS MID981961550

RCRIS:

Owner: THERMO ANALYTICAL
 (312) 555-1212
 EPA ID: MID981961550
 Contact: JOSEPH HNATOW
 (313) 662-3104

Classification: Small Quantity Generator
 Used Oil Recyc: No
 TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated:	Not reported
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	07/14/1987
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/31/1987
Penalty Type:	Not reported

There are 1 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	08/27/198

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

B12
SSW
1/8-1/4
844 ft.
Higher

RO-AN REALTY CO
218-220 W HURON ST
ANN AROBR, MI 48104

UST U003082898
N/A

Site 2 of 2 in cluster B

UST:

Facility ID:	36339.00000	
Tank ID:	NRT4	
Owner:	RO-AN REALTY CO	Owner Phone: (734) 994-1337
Owner Address:	320 N MAIN SUITE 102 % BROOK MCCRAY SMITH PC ANN ARBOR, MI 48104	
Product:	Not reported	
Capacity:	0.00000	
Tank Status:	Removed From Ground	
Facility ID:	36339.00000	

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RO-AN REALTY CO (Continued)

U003082898

Tank ID: 1
 Owner: RO-AN REALTY CO Owner Phone: (734) 994-1337
 Owner Address: 320 N MAIN SUITE 102 % BROOK MCCRAY SMITH PC
 ANN ARBOR, MI 48104
 Product: Gasoline
 Capacity: 0.00000
 Tank Status: Removed From Ground

Facility ID: 36339.00000
 Tank ID: 2
 Owner: RO-AN REALTY CO Owner Phone: (734) 994-1337
 Owner Address: 320 N MAIN SUITE 102 % BROOK MCCRAY SMITH PC
 ANN ARBOR, MI 48104
 Product: Gasoline
 Capacity: 0.00000
 Tank Status: Removed From Ground

Facility ID: 36339.00000
 Tank ID: NRT5
 Owner: RO-AN REALTY CO Owner Phone: (734) 994-1337
 Owner Address: 320 N MAIN SUITE 102 % BROOK MCCRAY SMITH PC
 ANN ARBOR, MI 48104
 Product: Not reported
 Capacity: 0.00000
 Tank Status: Removed From Ground

Facility ID: 36339.00000
 Tank ID: NRT3
 Owner: RO-AN REALTY CO Owner Phone: (734) 994-1337
 Owner Address: 320 N MAIN SUITE 102 % BROOK MCCRAY SMITH PC
 ANN ARBOR, MI 48104
 Product: Not reported
 Capacity: 0.00000
 Tank Status: Removed From Ground

Facility ID: 36339.00000
 Tank ID: NRT6
 Owner: RO-AN REALTY CO Owner Phone: (734) 994-1337
 Owner Address: 320 N MAIN SUITE 102 % BROOK MCCRAY SMITH PC
 ANN ARBOR, MI 48104
 Product: Not reported
 Capacity: 0.00000
 Tank Status: Removed From Ground

C13 ANN ARBOR FIRE DEPT
 SE 111 N 5TH AVE
 1/8-1/4 ANN ARBOR, MI 48104
 956 ft.
 Higher Site 1 of 4 in cluster C

RCRIS-SQG 1000828449
 FINDS MID98565208
 LUST
 UST

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ANN ARBOR FIRE DEPT (Continued)

1000828449

RCRIS:

Owner: ANN ARBOR FIRE DEPT
(313) 994-2774
EPA ID: MID985655208
Contact: BARRY MOULTON
(313) 994-2774

Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Resource Conservation and Recovery Act Information system (RCRAINFO)

LUST:

Facility ID: 00012808
Release Number: C-1558-92
Release Date: 09/10/1992
Facility Status: CLOSED
District: JACKSON DISTRICT OFFICE
Closed Date: 10/22/1992

UST:

Facility ID: 12808.00000
Tank ID: 1
Owner: CITY OF ANN ARBOR
Owner Address: 111 N 5TH AVE
ANN ARBOR, MI 48104
Product: Used Oil
Capacity: 300.00000
Tank Status: Closed in Ground
Owner Phone: (734) 994-2772

Facility ID: 12808.00000
Tank ID: 3
Owner: CITY OF ANN ARBOR
Owner Address: 111 N 5TH AVE
ANN ARBOR, MI 48104
Product: " Diesel,DIESEL"
Capacity: 3000.00000
Tank Status: Removed from Ground
Owner Phone: (734) 994-2772

Facility ID: 12808.00000
Tank ID: 2
Owner: CITY OF ANN ARBOR
Owner Address: 111 N 5TH AVE
ANN ARBOR, MI 48104
Product: Gasoline
Capacity: 1000.00000
Tank Status: Removed from Ground
Owner Phone: (734) 994-2772

Facility ID: 12808.00000
Tank ID: 4
Owner: CITY OF ANN ARBOR
Owner Address: 111 N 5TH AVE
ANN ARBOR, MI 48104
Owner Phone: (734) 994-2772

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

ANN ARBOR FIRE DEPT (Continued)

1000828449

Product: Not reported
 Capacity: 0.00000
 Tank Status: Currently In Use

14
SW
1/8-1/4
963 ft.
Same

WCP INVESTMENTS PARTNERSHIP
117 N FIRST ST
ANN ARBOR, MI 49104

UST U000714759
N/A

UST:

Facility ID: 35012.00000
 Tank ID: 1
 Owner: WCP INVESTMENTS PARTNERSHIP Owner Phone: (734) 663-3213
 Owner Address: 425 N MAIN ST
 ANN ARBOR, MI 48104
 Product: UNK
 Capacity: 15000.00000
 Tank Status: Removed From Ground

C15
SE
1/8-1/4
981 ft.
Higher

CITY HALL
100 N FIFTH AVE
ANN ARBOR, MI 48107

UST U000266115
N/A

Site 2 of 4 in cluster C

UST:

Facility ID: 10246.00000
 Tank ID: 1
 Owner: CITY OF ANN ARBOR Owner Phone: (734) 994-6095
 Owner Address: 100 N FIFTH AVE PO BOX 8647
 ANN ARBOR, MI 48107
 Product: Diesel
 Capacity: 8300.00000
 Tank Status: Removed from Ground

Facility ID: 10246.00000
 Tank ID: 2
 Owner: CITY OF ANN ARBOR Owner Phone: (734) 994-6095
 Owner Address: 100 N FIFTH AVE PO BOX 8647
 ANN ARBOR, MI 48107
 Product: Diesel
 Capacity: 5000.00000
 Tank Status: Currently In Use

C16
SE
1/8-1/4
982 ft.
Higher

COMERICA BANK
300 E HURON ST
ANN ARBOR, MI 48104

LUST U000715355
UST N/A

Site 3 of 4 in cluster C

LUST:

Facility ID: 00035726
 Release Number: C-0439-85
 Release Date: 10/08/1991
 Facility Status: CLOSED
 District: JACKSON DISTRICT OFFICE
 Closed Date: / /

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

COMERICA BANK (Continued)

U000715355

UST:

Facility ID:	35726.00000		
Tank ID:	1		
Owner:	COMERICA INC	Owner Phone:	(313) 788-5697
Owner Address:	211 W FORT ST DETROIT, MI 48226		
Product:	Gasoline		
Capacity:	1000.00000		
Tank Status:	Removed From Ground		
Facility ID:	35726.00000		
Tank ID:	2		
Owner:	COMERICA INC	Owner Phone:	(313) 788-5697
Owner Address:	211 W FORT ST DETROIT, MI 48226		
Product:	Gasoline		
Capacity:	1000.00000		
Tank Status:	Removed From Ground		
Facility ID:	35726.00000		
Tank ID:	4		
Owner:	COMERICA INC	Owner Phone:	(313) 788-5697
Owner Address:	211 W FORT ST DETROIT, MI 48226		
Product:	Heating Oil		
Capacity:	1000.00000		
Tank Status:	Removed From Ground		
Facility ID:	35726.00000		
Tank ID:	5		
Owner:	COMERICA INC	Owner Phone:	(313) 788-5697
Owner Address:	211 W FORT ST DETROIT, MI 48226		
Product:	Used Oil		
Capacity:	1000.00000		
Tank Status:	Removed From Ground		
Facility ID:	35726.00000		
Tank ID:	3		
Owner:	COMERICA INC	Owner Phone:	(313) 788-5697
Owner Address:	211 W FORT ST DETROIT, MI 48226		
Product:	Gasoline		
Capacity:	3000.00000		
Tank Status:	Removed From Ground		

17
 West
 1/8-1/4
 1010 ft.
 Lower

**BILL MUNCYS SERVICE
 423 MILLER
 ANN ARBOR, MI 48103**

LUST U001148462
 UST N/A

LUST:

Facility ID: 00037093
 Release Number: C-0073-99
 Release Date: 02/02/1999
 Facility Status: CLOSED
 District: JACKSON DISTRICT OFFICE

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

BILL MUNCYS SERVICE (Continued)

U001148462

Closed Date: 12/16/1999

UST:

Facility ID: 37093.00000
 Tank ID: 1
 Owner: BILL MUNCYS SERV
 Owner Address: 423 MILLER
 ANN ARBOR, MI 48103
 Product: Used Oil
 Capacity: 500.00000
 Tank Status: Closed In Ground

Owner Phone: (734) 994-0873

**C18
 SE
 1/8-1/4
 1025 ft.
 Higher**

**COMERICA INC
 312-314 E HURON
 ANN ARBOR, MI 48104
 Site 4 of 4 in cluster C**

**LUST U000715327
 UST N/A**

LUST:

Facility ID: 00035696
 Release Number: C-2100-91
 Release Date: 10/09/1991
 Facility Status: CLOSED
 District: JACKSON DISTRICT OFFICE
 Closed Date: / /

UST:

Facility ID: 35696.00000
 Tank ID: 2
 Owner: COMERICA INC
 Owner Address: PO BOX 75000
 DETROIT, MI 48275
 Product: Used Oil
 Capacity: 1500.00000
 Tank Status: Removed From Ground

Owner Phone: (248) 371-5060

Facility ID: 35696.00000
 Tank ID: 1
 Owner: COMERICA INC
 Owner Address: PO BOX 75000
 DETROIT, MI 48275
 Product: Used Oil
 Capacity: 1500.00000
 Tank Status: Removed From Ground

Owner Phone: (248) 371-5060

**D19
 South
 1/8-1/4
 1061 ft.
 Higher**

**GREAT COPY CO
 110 E WASHINGTON
 ANN ARBOR, MI 48104
 Site 1 of 2 in cluster D**

**RCRIS-SQG 1000158456
 FINDS MID091606947**

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

GREAT COPY CO (Continued)

1000158456

RCRIS:

Owner: GREAT COPY CO INC
 (312) 555-1212
 EPA ID: MID091606947
 Contact: BILL TERNES
 (313) 994-0222

Classification: Small Quantity Generator
 Used Oil Recyc: No
 TSDf Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

D20
 South
 1/8-1/4
 1063 ft.
 Higher

WEST WASHINGTON STREET ASSOCIATES
 112 W WASHINGTON ST
 ANN ARBOR, MI 48104

RCRIS-SQG 1001026222
FINDS MIR000006551

Site 2 of 2 in cluster D

RCRIS:

Owner: WEST WASHINGTON STREET ASSOCIATES
 (734) 741-9371
 EPA ID: MIR000006551
 Contact: JON CARLSON
 (734) 741-9371

Classification: Small Quantity Generator
 Used Oil Recyc: No
 TSDf Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

E21
 SE
 1/8-1/4
 1072 ft.
 Higher

AMERITECH CORP
 324 E HURON ST
 ANN ARBOR, MI 48104

RCRIS-SQG 1000237733
FINDS MIT270011018

Site 1 of 3 in cluster E

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

AMERITECH CORP (Continued)

1000237733

RCRIS:

Owner: NAME NOT REPORTED
 (312) 555-1212
 EPA ID: MIT270011018
 Contact: NANCY BERGWALL
 (313) 874-8985

Classification: Small Quantity Generator
 Used Oil Recyc: No
 TSD Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

**E22
 SE
 1/8-1/4
 1072 ft.
 Higher**

**ANN ARBOR CO
 324 E HURON ST
 ANN ARBOR, MI 48104
 Site 2 of 3 in cluster E**

**LUST U000266343
 UST N/A**

LUST:

Facility ID: 00011653
 Release Number: C-2440-91
 Release Date: 11/20/1991
 Facility Status: CLOSED
 District: JACKSON DISTRICT OFFICE
 Closed Date: / /

UST:

Facility ID: 11653.00000
 Tank ID: 3
 Owner: AMERITECH
 Owner Address: 162 S YORK ST FLOOR 1
 ELMHURST, IL 60126
 Product: Kerosene
 Capacity: 6000.00000
 Tank Status: Removed from Ground

Owner Phone: (313) 874-8979

Facility ID: 11653.00000
 Tank ID: 4
 Owner: AMERITECH
 Owner Address: 162 S YORK ST FLOOR 1
 ELMHURST, IL 60126
 Product: Kerosene
 Capacity: 20000.00000
 Tank Status: Currently In Use

Owner Phone: (313) 874-8979

Facility ID: 11653.00000
 Tank ID: 1
 Owner: AMERITECH
 Owner Address: 162 S YORK ST FLOOR 1
 ELMHURST, IL 60126
 Product: Diesel
 Capacity: 15000.00000
 Tank Status: Removed from Ground

Owner Phone: (313) 874-8979

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

ANN ARBOR CO (Continued)

U000266343

Facility ID: 11653.00000
 Tank ID: 2
 Owner: AMERITECH Owner Phone: (313) 874-8979
 Owner Address: 162 S YORK ST FLOOR 1
 ELMHURST, IL 60126
 Product: Diesel
 Capacity: 15000.00000
 Tank Status: Removed from Ground

**23
 SSW
 1/8-1/4
 1119 ft.
 Higher**

**BUDGET RENT A CAR
 200 S ASHLEY ST
 ANN ARBOR, MI 48105**

**LUST U001148628
 UST N/A**

LUST:
 Facility ID: 00037272
 Release Number: C-0508-93
 Release Date: 04/28/1993
 Facility Status: CLOSED
 District: JACKSON DISTRICT OFFICE
 Closed Date: / /

UST:
 Facility ID: 37272.00000
 Tank ID: 1
 Owner: BUDGET RENT A CAR SYST INC Owner Phone: (630) 955-7203
 Owner Address: 4225 NAPERVILLE RD
 LISLE, IL 60532
 Product: " Gasoline,8"
 Capacity: 6000.00000
 Tank Status: Removed From Ground

**E24
 SE
 1/8-1/4
 1137 ft.
 Higher**

**BOOTH NEWSPAPERS INC ANN ARBOR NEWS
 340 E HURON ST
 ANN ARBOR, MI 48104
 Site 3 of 3 in cluster E**

**RCRIS-SQG 1004533294
 FINDS MID093825156**

RCRIS:
 Owner: THE HERALD CO DBA BOOTH NEWSPAPERS INC
 (312) 555-1212
 EPA ID: MID093825156
 Contact: WALT GUTEKUNST
 (313) 994-6989
 Classification: Small Quantity Generator
 Used Oil Recyc: No
 TSDF Activities: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

BOOTH NEWSPAPERS INC ANN ARBOR NEWS (Continued)

1004533294

Violation Status: No violations found

NY MANIFEST

Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Permit Compliance System (PCS)

F25
NNW
1/8-1/4
1216 ft.
Lower

220 FELCH STREET
ANN ARBOR, MI

BEA S105254163
N/A

Site 1 of 4 in cluster F

BEA:

Petition Disclosure: 0
BEA Number: 54
District: Jackson
Date Received: 12/18/1996
Submitter Name: Ann Arbor Art Association
Petition Determination: No Request
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: tempm
Division Assigned: Storage Tank Division

F26
NNW
1/8-1/4
1216 ft.
Lower

C B DEVELOPMENT
220 FELCH
ANN ARBOR, MI 48103

RCRIS-SQG 1000865381
FINDS MI0000028795

Site 2 of 4 in cluster F

RCRIS:

Owner: C B DEVELOPMENT
(313) 769-6781
EPA ID: MI0000028795
Contact: JACOB HAAS
(313) 769-6781
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

F27
NNW
1/8-1/4
1216 ft.
Lower

C.B DEVELOPMENT
220 FELCH ST
ANN ARBOR, MI 48103

LUST U003082673
UST N/A

Site 3 of 4 in cluster F

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

C.B DEVELOPMENT (Continued)

U003082673

LUST:

Facility ID: 00020892
 Release Number: C-0908-92
 Release Date: 06/04/1992
 Facility Status: CLOSED
 District: JACKSON DISTRICT OFFICE
 Closed Date: 04/07/1997

Facility ID: 00020892
 Release Number: C-0851-92
 Release Date: 05/26/1992
 Facility Status: CLOSED
 District: JACKSON DISTRICT OFFICE
 Closed Date: 04/07/1997

Facility ID: 00020892
 Release Number: C-0856-92
 Release Date: 05/28/1992
 Facility Status: CLOSED
 District: JACKSON DISTRICT OFFICE
 Closed Date: 04/07/1997

UST:

Facility ID: 20892.00000
 Tank ID: 1
 Owner: CB DEVELOPEMENT
 Owner Address: 725 W ELLISWORTH RD
 ANN ARBOR, MI 48108
 Product: Gasoline
 Capacity: 500.00000
 Tank Status: Removed From Ground
 Owner Phone: (734) 769-6781

Facility ID: 20892.00000
 Tank ID: 2
 Owner: CB DEVELOPEMENT
 Owner Address: 725 W ELLISWORTH RD
 ANN ARBOR, MI 48108
 Product: Diesel
 Capacity: 500.00000
 Tank Status: Removed From Ground
 Owner Phone: (734) 769-6781

Facility ID: 20892.00000
 Tank ID: 4
 Owner: CB DEVELOPEMENT
 Owner Address: 725 W ELLISWORTH RD
 ANN ARBOR, MI 48108
 Product: Diesel
 Capacity: 4000.00000
 Tank Status: Removed From Ground
 Owner Phone: (734) 769-6781

Facility ID: 20892.00000
 Tank ID: 3
 Owner: CB DEVELOPEMENT
 Owner Address: 725 W ELLISWORTH RD
 ANN ARBOR, MI 48108
 Product: Diesel
 Capacity: 1000.00000
 Owner Phone: (734) 769-6781

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

C.B DEVELOPMENT (Continued)

U003082673

Tank Status: Removed From Ground

**F28
 NNW
 1/8-1/4
 1223 ft.
 Lower**

**DALE KRULL CONST
 221 FELCH ST
 ANN ARBOR, MI 48106**
 Site 4 of 4 in cluster F

**LUST U001147611
 UST N/A**

LUST:

Facility ID: 00036137
 Release Number: C-0852-92
 Release Date: 05/27/1992
 Facility Status: CLOSED
 District: JACKSON DISTRICT OFFICE
 Closed Date: / /

UST:

Facility ID: 36137.00000
 Tank ID: 1
 Owner: B & H INVESTMENTS Owner Phone: (734) 769-6781
 Owner Address: 725 W ELLSWORTH
 ANN ARBOR, MI 48106
 Product: Gasoline
 Capacity: 5000.00000
 Tank Status: Removed From Ground

**29
 WSW
 1/8-1/4
 1239 ft.
 Lower**

**ILLI'S SERVICE
 401 W HURON
 ANN ARBOR, MI 0**

**LUST 1000951246
 N/A**

LUST:

Facility ID: 50001678
 Release Number: C-0445-85
 Release Date: 10/06/1988
 Facility Status: CLOSED
 District: JACKSON DISTRICT OFFICE
 Closed Date: 08/08/1994

**30
 SW
 1/8-1/4
 1286 ft.
 Higher**

**ANN ARBOR IMPLEMENT CO
 210 S FIRST ST
 ANN ARBOR, MI 48104**

**LUST U000715216
 UST N/A**

LUST:

Facility ID: 00035555
 Release Number: C-0744-93
 Release Date: 06/11/1993
 Facility Status: CLOSED
 District: JACKSON DISTRICT OFFICE
 Closed Date: 07/13/1993

UST:

Facility ID: 35555.00000
 Tank ID: 1
 Owner: ANN ARBOR IMPLEMENT CO Owner Phone: (734) 663-2495
 Owner Address: 3614 WINDWHEEL PT

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ANN ARBOR IMPLEMENT CO (Continued)

U000715216

Product: PINCKNEY, MI 48169
Gasoline
Capacity: 1000.00000
Tank Status: Removed From Ground

Database(s) EDR ID Number
EPA ID Number

G31
SE
1/4-1/2
1518 ft.
Higher
CAMPUS AUTO
202 S DIVISION
ANN ARBOR, MI 48104
Site 1 of 2 in cluster G

LUST **U002303282**
UST **N/A**

LUST:
Facility ID: 00038007
Release Number: C-1075-94
Release Date: 09/22/1994
Facility Status: CLOSED
District: JACKSON DISTRICT OFFICE
Closed Date: 02/27/1995

UST:
Facility ID: 38007.00000
Tank ID: 1
Owner: JOHN P & NANCY W DONWES
Owner Address: 202 S DIVISION
ANN ARBOR, MI 48104
Product: Gasoline
Capacity: 2000.00000
Tank Status: Removed From Ground
Owner Phone: (734) 761-3768

G32
SE
1/4-1/2
1518 ft.
Higher
202 SOUTH DIVISION STREET
ANN ARBOR, MI
Site 2 of 2 in cluster G

BEA **S105254136**
N/A

BEA:
Petition Disclosure: 1
BEA Number: 6
District: Jackson
Date Received: 10/09/1995
Submitter Name: Great Lakes Bancorp
Petition Determination: Affirmed
Category: No Hazardous Substance(s)
Determination 20107A: Pending
Reviewer: tempm
Division Assigned: Environmental Response Division

33
SW
1/4-1/2
1520 ft.
Lower
PARKS & RECREATION BLDG
415 W WASHINGTON
ANN ARBOR, MI 48103

LUST **U000266403**
UST **N/A**

LUST:
Facility ID: 00008428
Release Number: C-0371-92
Release Date: 03/06/1992
Facility Status: OPEN

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PARKS & RECREATION BLDG (Continued)

U000266403

District: JACKSON DISTRICT OFFICE
Closed Date: / /

Facility ID: 00008428
Release Number: C-1222-89
Release Date: 12/20/1989
Facility Status: OPEN
District: JACKSON DISTRICT OFFICE
Closed Date: / /

Facility ID: 00008428
Release Number: C-0549-89
Release Date: 09/19/1989
Facility Status: OPEN
District: JACKSON DISTRICT OFFICE
Closed Date: / /

UST:

Facility ID: 8428.00000
Tank ID: 2
Owner: CITY OF ANN ARBOR
Owner Address: 100 N FIFTH AVE PO BOX 8647
ANN ARBOR, MI 48107
Product: Gasoline
Capacity: 6000.00000
Tank Status: Removed From Ground
Owner Phone: (734) 994-6095

Facility ID: 8428.00000
Tank ID: 3
Owner: CITY OF ANN ARBOR
Owner Address: 100 N FIFTH AVE PO BOX 8647
ANN ARBOR, MI 48107
Product: Diesel
Capacity: 1000.00000
Tank Status: Removed From Ground
Owner Phone: (734) 994-6095

Facility ID: 8428.00000
Tank ID: 1
Owner: CITY OF ANN ARBOR
Owner Address: 100 N FIFTH AVE PO BOX 8647
ANN ARBOR, MI 48107
Product: Gasoline
Capacity: 6000.00000
Tank Status: Removed From Ground
Owner Phone: (734) 994-6095

34
North
1/4-1/2
1562 ft.
Lower

CITY GARAGE
721 N MAIN
ANN ARBOR, MI 48104

LUST U000266500
UST N/A

LUST:

Facility ID: 00008427
Release Number: C-0753-95
Release Date: 06/16/1995
Facility Status: CLOSED
District: JACKSON DISTRICT OFFICE
Closed Date: 12/09/1999

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CITY GARAGE (Continued)

Database(s) EDR ID Number
EPA ID Number

U000266500

Facility ID: 00008427
Release Number: C-1129-89
Release Date: 12/15/1989
Facility Status: CLOSED
District: JACKSON DISTRICT OFFICE
Closed Date: 12/10/1999

Facility ID: 00008427
Release Number: C-2246-91
Release Date: 10/23/1991
Facility Status: CLOSED
District: JACKSON DISTRICT OFFICE
Closed Date: 12/10/1999

UST:

Facility ID: 8427.00000
Tank ID: 3
Owner: CITY OF ANN ARBOR
Owner Address: 100 N FIFTH AVE PO BOX 8647
ANN ARBOR, MI 48107
Product: UNK
Capacity: 0.00000
Tank Status: Closed In Ground

Owner Phone: (734) 994-6095

Facility ID: 8427.00000
Tank ID: 1
Owner: CITY OF ANN ARBOR
Owner Address: 100 N FIFTH AVE PO BOX 8647
ANN ARBOR, MI 48107
Product: Used Oil
Capacity: 500.00000
Tank Status: Removed From Ground

Owner Phone: (734) 994-6095

Facility ID: 8427.00000
Tank ID: 2
Owner: CITY OF ANN ARBOR
Owner Address: 100 N FIFTH AVE PO BOX 8647
ANN ARBOR, MI 48107
Product: Diesel
Capacity: 2000.00000
Tank Status: Removed From Ground

Owner Phone: (734) 994-6095

35
NE
1/4-1/2
1815 ft.
Higher

ARCURE MOTORS
617 DETROIT ST
ANN ARBOR, MI 48104

LUST U000266475
UST N/A

LUST:

Facility ID: 00017633
Release Number: C-0771-94
Release Date: 07/22/1994
Facility Status: CLOSED
District: JACKSON DISTRICT OFFICE
Closed Date: 02/17/1995

UST:

Facility ID: 17633.00000
Tank ID: 1

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

ARCURE MOTORS (Continued)

U000266475

Owner:	ARCURE MOTORS	Owner Phone:	(616) 386-7616
Owner Address:	PO BOX 1100 LELAND, MI 49654		
Product:	Used Oil		
Capacity:	275.00000		
Tank Status:	Removed From Ground		
Facility ID:	17633.00000		
Tank ID:	2		
Owner:	ARCURE MOTORS	Owner Phone:	(616) 386-7616
Owner Address:	PO BOX 1100 LELAND, MI 49654		
Product:	Used Oil		
Capacity:	300.00000		
Tank Status:	Removed From Ground		

**36
 NE
 1/4-1/2
 1930 ft.
 Lower**

**MICH CON BEAKES ST
 BEAKES / SUMMIT STS
 ANN ARBOR, MI 48104**

**SHWS S103086285
 N/A**

SHWS:

Facility ID:	81000024
Facility Status:	Active
Source:	Coal Gasification
Pollutant(s):	As Cd Cr Hg CN Cu Pb, Benzene Ethylbenzene, Toluene
SAM Score:	41
SAM Score Date:	1990-11-14 00:00:00.
Township:	02S
Range:	06E
Section:	20
Quarter:	S
Quarter/Quarter:	S

**37
 NNE
 1/4-1/2
 1971 ft.
 Lower**

**CITY GAS WORKS
 209-211 DEPOT
 ANN ARBOR, MI 48104**

**Coal Gas G000001352
 N/A**

COAL GAS SITE DESCRIPTION:
 1888 City Gas Works occupies the eastern side of the block bordered by Depot, Beakes (Ponttiac), E. Summit and N. 5th Streets. 1899, site called Ann Arbor Gas Co. By 1925, houses on site.

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**H38
 NE
 1/4-1/2
 2007 ft.
 Lower**

**340 DEPOT STREET
 ANN ARBOR, MI
 Site 1 of 2 in cluster H**

**BEA S105254138
 N/A**

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
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(Continued)

S105254138

BEA:

Petition Disclosure: 0
 BEA Number: 265
 District: Jackson
 Date Received: 10/25/2000
 Submitter Name: Mark Pfaff
 Petition Determination: No Request
 Category: No Hazardous Substance(s)
 Determination 20107A: No Request
 Reviewer: massonp
 Division Assigned: Environmental Response Division

H39
 NE
 1/4-1/2
 2007 ft.
 Lower

MICH CON BEAKES STREET
 340 DEPOT STREET
 ANN ARBOR, MI
 Site 2 of 2 in cluster H

BEA S104910180
 N/A

BEA:

Petition Disclosure: 0
 BEA Number: 142
 District: Jackson
 Date Received: 07/17/1998
 Submitter Name: Xcess, Ltd.
 Petition Determination: No Request
 Category: No Hazardous Substance(s)
 Determination 20107A: No Request
 Reviewer: tempm
 Division Assigned: Storage Tank Division

40
 North
 1/4-1/2
 2032 ft.
 Lower

815 WILDT ST
 ANN ARBOR CITY, MI

BEA S105254157
 N/A

BEA:

Petition Disclosure: 1
 BEA Number: 295
 District: Jackson
 Date Received: 06/07/2001
 Submitter Name: Wildt LLC
 Petition Determination: Affirmed
 Category: No Hazardous Substance(s)
 Determination 20107A: No Request
 Reviewer: lipinski
 Division Assigned: Environmental Response Division

41
 South
 1/4-1/2
 2047 ft.
 Higher

AMOCO OIL CO 5447 SOUTH MAIN
 402 S MAIN
 ANN ARBOR, MI 48104

RCRIS-SQG 1000466046
 FINDS MID985607720
 LUST
 UST

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

AMOCO OIL CO 5447 SOUTH MAIN (Continued)

1000466046

RCRIS:

Owner: AMOCO OIL CO
(313) 539-1330
EPA ID: MID985607720
Contact: KAYE CLEGHORN
(313) 855-1060
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

LUST:

Facility ID: 00005811
Release Number: C-2274-91
Release Date: 10/25/1991
Facility Status: CLOSED
District: JACKSON DISTRICT OFFICE
Closed Date: 11/11/1994

UST:

Facility ID: 5811.00000
Tank ID: 8
Owner: AMOCO PETROLEUM PRODUCTS Owner Phone: (734) 953-7013
Owner Address: ATTN: JEFF WESTON 17187 N LAURELL PK SUITE #365
LIVONIA, MI 48152
Product: Used Oil
Capacity: 560.00000
Tank Status: Currently In Use

Facility ID: 5811.00000
Tank ID: 7
Owner: AMOCO PETROLEUM PRODUCTS Owner Phone: (734) 953-7013
Owner Address: ATTN: JEFF WESTON 17187 N LAURELL PK SUITE #365
LIVONIA, MI 48152
Product: Gasoline
Capacity: 12000.00000
Tank Status: Currently In Use

Facility ID: 5811.00000
Tank ID: 1
Owner: AMOCO PETROLEUM PRODUCTS Owner Phone: (734) 953-7013
Owner Address: ATTN: JEFF WESTON 17187 N LAURELL PK SUITE #365
LIVONIA, MI 48152
Product: Used Oil
Capacity: 550.00000
Tank Status: Removed from Ground

Facility ID: 5811.00000
Tank ID: 6
Owner: AMOCO PETROLEUM PRODUCTS Owner Phone: (734) 953-7013
Owner Address: ATTN: JEFF WESTON 17187 N LAURELL PK SUITE #365

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

AMOCO OIL CO 5447 SOUTH MAIN (Continued)

1000466046

Product: Gasoline
Capacity: 12000.00000
Tank Status: Currently In Use
LIVONIA, MI 48152

Facility ID: 5811.00000
Tank ID: 2
Owner: AMOCO PETROLEUM PRODUCTS Owner Phone: (734) 953-7013
Owner Address: ATTN: JEFF WESTON 17187 N LAURELL PK SUITE #365
LIVONIA, MI 48152

Product: Gasoline
Capacity: 8000.00000
Tank Status: Removed from Ground

Facility ID: 5811.00000
Tank ID: 3
Owner: AMOCO PETROLEUM PRODUCTS Owner Phone: (734) 953-7013
Owner Address: ATTN: JEFF WESTON 17187 N LAURELL PK SUITE #365
LIVONIA, MI 48152

Product: Gasoline
Capacity: 12000.00000
Tank Status: Removed from Ground

Facility ID: 5811.00000
Tank ID: 4
Owner: AMOCO PETROLEUM PRODUCTS Owner Phone: (734) 953-7013
Owner Address: ATTN: JEFF WESTON 17187 N LAURELL PK SUITE #365
LIVONIA, MI 48152

Product: Gasoline
Capacity: 12000.00000
Tank Status: Removed from Ground

Facility ID: 5811.00000
Tank ID: 5
Owner: AMOCO PETROLEUM PRODUCTS Owner Phone: (734) 953-7013
Owner Address: ATTN: JEFF WESTON 17187 N LAURELL PK SUITE #365
LIVONIA, MI 48152

Product: Gasoline
Capacity: 12000.00000
Tank Status: Currently In Use

42
ESE
1/4-1/2
2308 ft.
Higher

MAX GOLDMAN IRREVOCABLE TRUST
216 S STATE ST
ANN ARBOR, MI 48108

LUST U002303288
UST N/A

LUST:
Facility ID: 00038476
Release Number: C-0428-95
Release Date: 04/20/1995
Facility Status: CLOSED
District: JACKSON DISTRICT OFFICE
Closed Date: 08/04/1995

UST:
Facility ID: 38476.00000
Tank ID: 2
Owner: MAX GOLDMAN IRREVOCABLE TRUST Owner Phone: (248) 828-6439

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

MAX GOLDMAN IRREVOCABLE TRUST (Continued)

U002303288

Owner Address: 900 TOWER DR 12 FLOOR
 TROY, MI 48098

Product: Gasoline
 Capacity: 1500.00000
 Tank Status: Closed In Ground

Facility ID: 38476.00000
 Tank ID: 3

Owner: MAX GOLDMAN IRREVOCABLE TRUST Owner Phone: (248) 828-6439
 Owner Address: 900 TOWER DR 12 FLOOR
 TROY, MI 48098

Product: Gasoline
 Capacity: 1500.00000
 Tank Status: Closed In Ground

Facility ID: 38476.00000
 Tank ID: 4

Owner: MAX GOLDMAN IRREVOCABLE TRUST Owner Phone: (248) 828-6439
 Owner Address: 900 TOWER DR 12 FLOOR
 TROY, MI 48098

Product: Gasoline
 Capacity: 1500.00000
 Tank Status: Closed In Ground

Facility ID: 38476.00000
 Tank ID: 1

Owner: MAX GOLDMAN IRREVOCABLE TRUST Owner Phone: (248) 828-6439
 Owner Address: 900 TOWER DR 12 FLOOR
 TROY, MI 48098

Product: Gasoline
 Capacity: 1500.00000
 Tank Status: Closed In Ground

43
South
1/4-1/2
2329 ft.
Higher

MAIN STREET GAS STATION
428 SOUTH MAIN
ANN ARBOR, MI 48107

LUST U000266408
UST N/A

LUST:
 Facility ID: 00033752
 Release Number: C-2113-91
 Release Date: 10/18/1991
 Facility Status: CLOSED
 District: JACKSON DISTRICT OFFICE
 Closed Date: 07/02/1992

UST:
 Facility ID: 33752.00000
 Tank ID: 2

Owner: CITY OF ANN ARBOR Owner Phone: (734) 994-6095
 Owner Address: 100 N FIFTH AVE PO BOX 8647
 ANN ARBOR, MI 48107

Product: UNK
 Capacity: 1500.00000
 Tank Status: Removed From Ground

Facility ID: 33752.00000
 Tank ID: 3

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

MAIN STREET GAS STATION (Continued)

U000266408

Owner: CITY OF ANN ARBOR Owner Phone: (734) 994-6095
 Owner Address: 100 N FIFTH AVE PO BOX 8647
 ANN ARBOR, MI 48107
 Product: UNKNOWN
 Capacity: 1500.00000
 Tank Status: Removed From Ground

Facility ID: 33752.00000
 Tank ID: 4
 Owner: CITY OF ANN ARBOR Owner Phone: (734) 994-6095
 Owner Address: 100 N FIFTH AVE PO BOX 8647
 ANN ARBOR, MI 48107
 Product: UNKNOWN
 Capacity: 1500.00000
 Tank Status: Removed From Ground

Facility ID: 33752.00000
 Tank ID: 1
 Owner: CITY OF ANN ARBOR Owner Phone: (734) 994-6095
 Owner Address: 100 N FIFTH AVE PO BOX 8647
 ANN ARBOR, MI 48107
 Product: UNK
 Capacity: 5000.00000
 Tank Status: Removed From Ground

I44
North
1/4-1/2
2470 ft.
Lower

MICHIGAN AUTOMOTIVE RESEARCH COR
1332 LAKESHORE DR
ANN ARBOR, MI 48104

LUST U000266172
UST N/A

Site 1 of 2 in cluster 1

LUST:

Facility ID: 00007873
 Release Number: C-1262-89
 Release Date: 11/30/1989
 Facility Status: CLOSED
 District: JACKSON DISTRICT OFFICE
 Closed Date: / /

UST:

Facility ID: 7873.00000
 Tank ID: 5
 Owner: MICHIGAN AUTOMOTIVE RESEARCH COR Owner Phone: (734) 995-2544
 Owner Address: 1254 N MAIN ST
 ANN ARBOR, MI 48104
 Product: Gasoline
 Capacity: 10000.00000
 Tank Status: Removed From Ground

Facility ID: 7873.00000
 Tank ID: 1
 Owner: MICHIGAN AUTOMOTIVE RESEARCH COR Owner Phone: (734) 995-2544
 Owner Address: 1254 N MAIN ST
 ANN ARBOR, MI 48104
 Product: Gasoline
 Capacity: 10000.00000
 Tank Status: Removed From Ground

Facility ID: 7873.00000

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

EDR ID Number
 EPA ID Number

MICHIGAN AUTOMOTIVE RESEARCH COR (Continued)

U000266172

Tank ID: 3
 Owner: MICHIGAN AUTOMOTIVE RESEARCH COR Owner Phone: (734) 995-2544
 Owner Address: 1254 N MAIN ST
 ANN ARBOR, MI 48104
 Product: Diesel
 Capacity: 10000.00000
 Tank Status: Removed From Ground

Facility ID: 7873.00000
 Tank ID: 2
 Owner: MICHIGAN AUTOMOTIVE RESEARCH COR Owner Phone: (734) 995-2544
 Owner Address: 1254 N MAIN ST
 ANN ARBOR, MI 48104
 Product: Gasoline
 Capacity: 10000.00000
 Tank Status: Removed From Ground

Facility ID: 7873.00000
 Tank ID: 4
 Owner: MICHIGAN AUTOMOTIVE RESEARCH COR Owner Phone: (734) 995-2544
 Owner Address: 1254 N MAIN ST
 ANN ARBOR, MI 48104
 Product: Gasoline
 Capacity: 1000.00000
 Tank Status: Removed From Ground

I45
North
1/4-1/2
2505 ft.
Lower

ALLEN CREEK DRAIN
912 N MAIN ST
ANN ARBOR, MI 0null

SHWS **S103086312**
 N/A

Site 2 of 2 in cluster I

SHWS:
 Facility ID: 81000094
 Facility Status: Active
 Source: Municipal Facility
 Pollutant(s): BTEX, null, null
 SAM Score: 35
 SAM Score Date: 1991-09-05 00:00:00.
 Township: 02S
 Range: 06E
 Section: 20
 Quarter: S
 Quarter/Quarter: S

46
NE
1/2-1
2717 ft.
Lower

ANN ARBOR GAS LIGHT CO.
BROADWAY
ANN ARBOR, MI 48105

Coal Gas **G000001351**
 N/A

COAL GAS SITE DESCRIPTION:
 1908, The Ann Arbor Gas Co. is on the northwest side of Broadway, north of railroad tracks.
 Site is bordered on the north by the Huron River. 1916, site called The Washtenaw Gas Co.
 1941, site called Michigan Consolidated Gas Co. Ann Arbor District. (Site is just north of
 site listed in next entry.)

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

47
NE
1/2-1
2718 ft.
Lower

MICH CON BROADWAY ST
841 BROADWAY STREET
ANN ARBOR, MI 48105

SHWS S105225062
N/A

SHWS:

Facility ID: 81000025
 Facility Status: Active
 Source: Petroleum & Coal Products
 Pollutant(s): Arsenic Nickel Lead, Cyanide Zinc, Phthalates
 SAM Score: 43
 SAM Score Date: 1990-09-26 00:00:00.
 Township: 02S
 Range: 06E
 Section: 20
 Quarter: S
 Quarter/Quarter: S

48
North
1/2-1
3547 ft.
Lower

LANSKY SCRAPYARD
1100 N MAIN
ANN ARBOR, MI 0null

SHWS S105144767
N/A

SHWS:

Facility ID: 81000093
 Facility Status: Active
 Source: Scrap Metal Yard
 Pollutant(s): PCBs PNAs, Diesel Fuel, Metals
 SAM Score: 33
 SAM Score Date: 1991-10-11 00:00:00.
 Township: 02S
 Range: 06E
 Section: 20
 Quarter: S
 Quarter/Quarter: N

49
South
1/2-1
3587 ft.
Higher

ARMENS CLEANERS
630 S ASHLEY
ANN ARBOR, MI 48103

SHWS S105144757
N/A

SHWS:

Facility ID: 81000005
 Facility Status: Active
 Source: Laundry dry cleaners
 Pollutant(s): Tetrachloroethylene, null, null
 SAM Score: 33
 SAM Score Date: 1990-12-04 00:00:00.
 Township: 02S
 Range: 06E
 Section: 29
 Quarter: S
 Quarter/Quarter: S

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
ANN ARBOR	S105254222		2505 - 2463 MILLER ROAD		BEA
ANN ARBOR	S105254214		924 - 936 NORTH MAIN STREET		BEA
ANN ARBOR	S105254223		1.29 ACRES NW OF WASHTENAW / HURON		BEA
ANN ARBOR	1003871803	MICHIGAN CONSOLIDATED COAL PLT #2	BEADES & SUMMIT STS	48104	CERC-NFRAP
ANN ARBOR	S103595056	UNIV OF MICH HOSPITAL FULLER RD	FULLER RD.	48103	SHWS
ANN ARBOR	S103095426	UM NORTH CAMPUS LANDFILL AREA	HURON PKWY	48104	SHWS
ANN ARBOR	1004724989	SIR SPEEDY	350 S MAIN ST SUITE 103	48104	RCRIS-SQG
ANN ARBOR	92277488	NORTH MAPLE AND MILLER ROAD	NORTH MAPLE AND MILLER ROAD		ERNS
ANN ARBOR	1004530914	NORTH ARBOR PARK MHP WWTP	4500 NORTH MAPLE ROAD	48103	FINDS
ANN ARBOR	96495778	ROBEY TIRE CO MAIN ST	ROBEY TIRE CO MAIN ST		ERNS
ANN ARBOR	S103595055	STAEBLER ROAD GW CONTAM	33 N STAEBLER RD / JACKSON RD	48103	SHWS
ANN ARBOR	1004724331	SPEEDWAY 8705	4001 S STATE	48104	RCRIS-SQG
ANN ARBOR	S103595047	AVFUEL BULK FACILITY	STATE AND ELLSWORTH RDS.	48104	SHWS
ANN ARBOR	U003758877	ANN ARBOR PIPE & SUPPLY	20295 STATE	48104	LUST, UST
ANN ARBOR	1003871798	UNIVERSITY OF MICHIGAN LANDFILL #1	WASHINGTON HEIGHTS	48104	CERC-NFRAP
ANN ARBOR	S103595057	UNIVERSITY OF MICH LF NO 1	WASHINGTON HEIGHTS	48104	SHWS

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 STANDARD RECORDS

NPL: National Priority List

Source: EPA

Telephone: N/A

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/22/02

Date Made Active at EDR: 06/21/02

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 05/06/02

Elapsed ASTM days: 46

Date of Last EDR Contact: 05/06/02

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 6
Telephone: 214-655-6659

EPA Region 8
Telephone: 303-312-6774

Proposed NPL: Proposed National Priority List Sites

Source: EPA

Telephone: N/A

Date of Government Version: 02/26/02

Date Made Active at EDR: 06/21/02

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 05/06/02

Elapsed ASTM days: 46

Date of Last EDR Contact: 05/06/02

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: 02/12/02

Date Made Active at EDR: 06/03/02

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/25/02

Elapsed ASTM days: 70

Date of Last EDR Contact: 03/25/02

CERCLIS-NFRAP: CERCLIS 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/14/02
Date Made Active at EDR: 06/03/02
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/25/02
Elapsed ASTM days: 70
Date of Last EDR Contact: 03/25/02

CORRACTS: Corrective Action Report

Source: EPA
Telephone: 800-424-9346
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 11/14/01
Date Made Active at EDR: 01/14/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 11/14/01
Elapsed ASTM days: 61
Date of Last EDR Contact: 06/10/02

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: 04/01/02
Date Made Active at EDR: 06/21/02
Database Release Frequency: Varies

Date of Data Arrival at EDR: 05/20/02
Elapsed ASTM days: 32
Date of Last EDR Contact: 03/04/02

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: 12/31/00
Date Made Active at EDR: 06/03/02
Database Release Frequency: Varies

Date of Data Arrival at EDR: 03/05/02
Elapsed ASTM days: 90
Date of Last EDR Contact: 04/29/02

FEDERAL ASTM SUPPLEMENTAL 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: 12/31/99
Database Release Frequency: Biennially

Date of Last EDR Contact: 06/17/02
Date of Next Scheduled EDR Contact: 09/16/02

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: N/A
Database Release Frequency: Varies

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

ROD: Records Of Decision

Source: EPA
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/30/01
Database Release Frequency: Annually

Date of Last EDR Contact: 04/09/02
Date of Next Scheduled EDR Contact: 07/08/02

DELISTED NPL: National Priority List Deletions

Source: EPA
Telephone: N/A

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: 04/22/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/06/02
Date of Next Scheduled EDR Contact: 08/05/02

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report

Source: EPA
Telephone: N/A

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: 03/21/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/08/02
Date of Next Scheduled EDR Contact: 07/08/02

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation
Telephone: 202-366-4555

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/01
Database Release Frequency: Annually

Date of Last EDR Contact: 04/22/02
Date of Next Scheduled EDR Contact: 07/22/02

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: 04/12/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/08/02
Date of Next Scheduled EDR Contact: 07/08/02

MINES: Mines Master Index File

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959

Date of Government Version: 12/14/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/01/02
Date of Next Scheduled EDR Contact: 07/01/02

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 05/28/02
Date of Next Scheduled EDR Contact: 08/26/02

PADS: PCB Activity Database System

Source: EPA

Telephone: 202-564-3887

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/01/02
Database Release Frequency: Annually

Date of Last EDR Contact: 05/14/02
Date of Next Scheduled EDR Contact: 08/12/02

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: 06/10/02
Date of Next Scheduled EDR Contact: 09/09/02

TRIS: Toxic Chemical Release Inventory System

Source: EPA

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: 12/31/99
Database Release Frequency: Annually

Date of Last EDR Contact: 03/25/02
Date of Next Scheduled EDR Contact: 06/24/02

TSCA: Toxic Substances Control Act

Source: EPA

Telephone: 202-260-5521

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: 12/31/98
Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 06/10/02
Date of Next Scheduled EDR Contact: 09/09/02

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA

Telephone: 202-564-2501

Date of Government Version: 01/14/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/25/02
Date of Next Scheduled EDR Contact: 06/24/02

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-564-2501

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/25/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/25/02
Date of Next Scheduled EDR Contact: 06/24/02

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STATE OF MICHIGAN ASTM STANDARD RECORDS

SHWS: Contaminated Sites

Source: Department of Environmental Quality

Telephone: 517-373-9541

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: 05/28/02

Date Made Active at EDR: 06/12/02

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 05/29/02

Elapsed ASTM days: 14

Date of Last EDR Contact: 02/25/02

SWF/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: 05/07/02

Date Made Active at EDR: 06/07/02

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 05/14/02

Elapsed ASTM days: 24

Date of Last EDR Contact: 05/02/02

LUST: Leaking Underground Storage Tank Sites

Source: Department of Environmental Quality

Telephone: 517-373-8168

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 02/01/02

Date Made Active at EDR: 04/04/02

Database Release Frequency: Annually

Date of Data Arrival at EDR: 03/21/02

Elapsed ASTM days: 14

Date of Last EDR Contact: 06/18/02

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: 02/01/02

Date Made Active at EDR: 05/01/02

Database Release Frequency: Annually

Date of Data Arrival at EDR: 04/16/02

Elapsed ASTM days: 15

Date of Last EDR Contact: 06/18/02

BEA: BASELINE ENVIRONMENTAL ASSESSMENT DATABASE

Source: DEPT. OF ENVIRONMENTAL QUALITY

Telephone: 517-373-9541

Date of Government Version: 03/24/02

Date Made Active at EDR: 04/04/02

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 03/25/02

Elapsed ASTM days: 10

Date of Last EDR Contact: 06/18/02

STATE OF MICHIGAN ASTM SUPPLEMENTAL RECORDS

AST: Aboveground Tanks

Source: Department of Environmental Quality

Telephone: 517-373-8168

Registered Aboveground Storage Tanks.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/01/01
Database Release Frequency: Annually

Date of Last EDR Contact: 06/18/02
Date of Next Scheduled EDR Contact: 09/16/02

EDR PROPRIETARY HISTORICAL DATABASES

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.

Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

OTHER DATABASE(S)

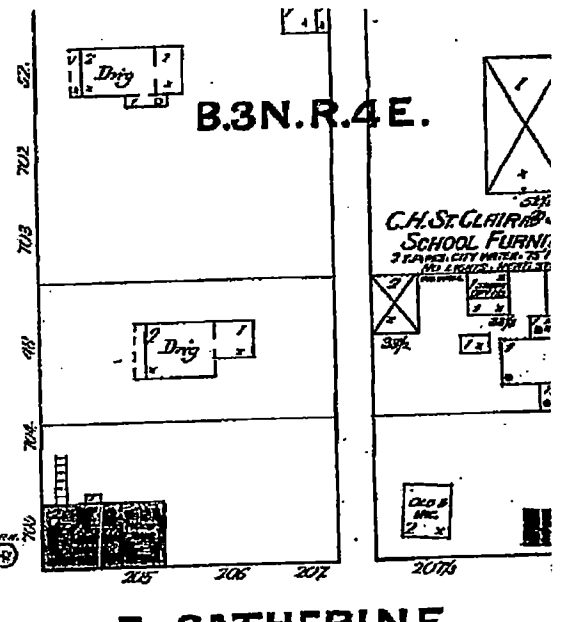
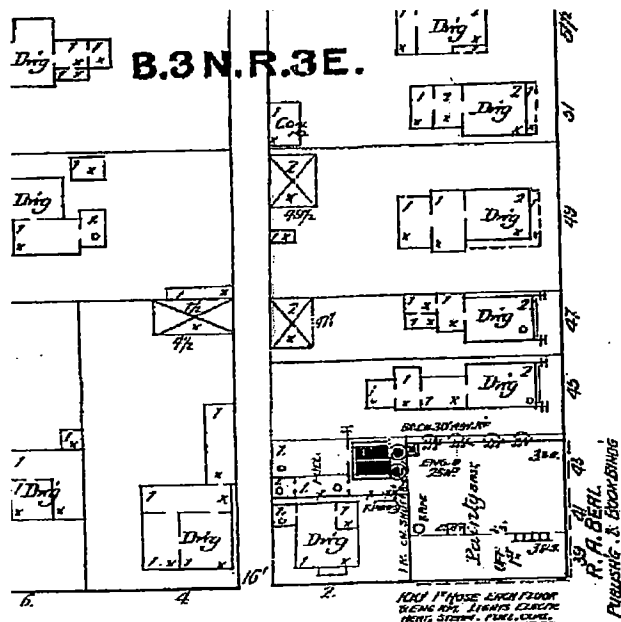
Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the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

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 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 2002 from the U.S. Fish and Wildlife Service.

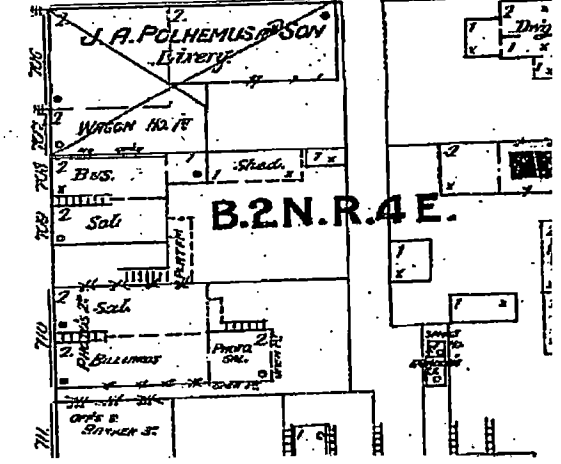
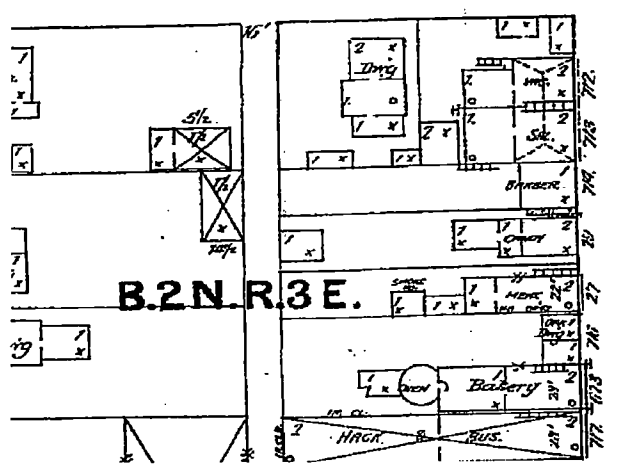
APPENDIX D

Sanborn Fire Insurance Maps



N. GATHERINE

E. GATHERINE



B.2 N. R. 3 E.

B.2 N. R. 4 E.

N. MAIN

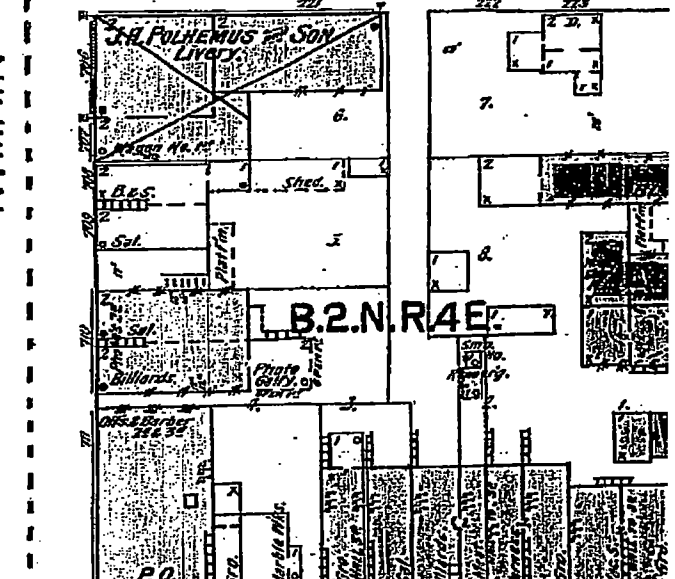
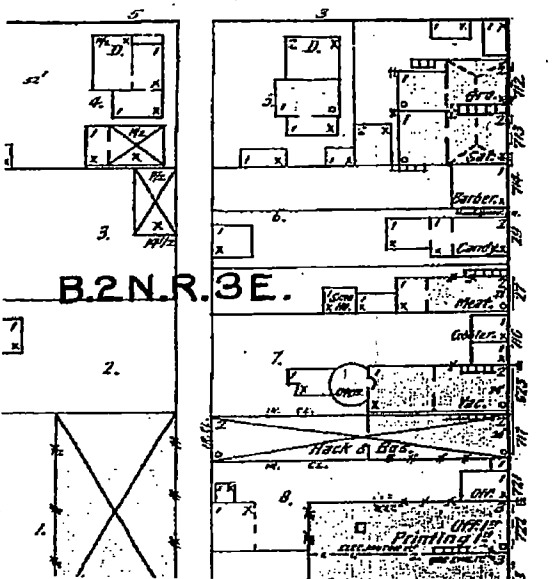
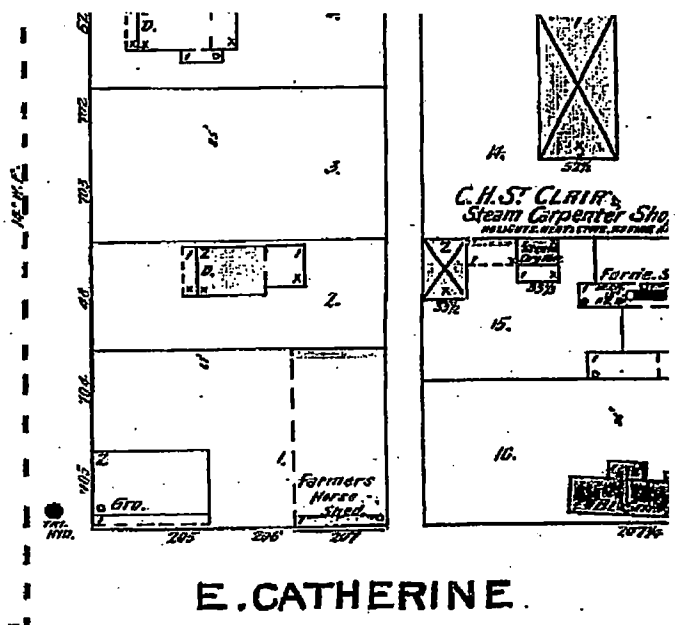
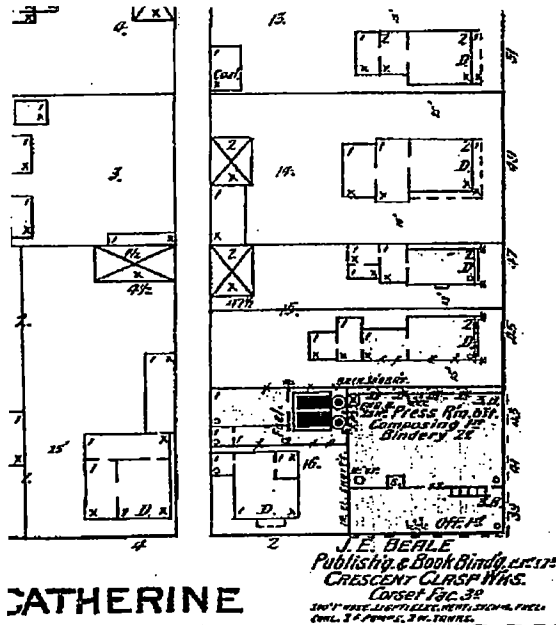
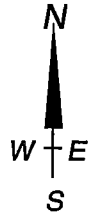
AKT PEERLESS
environmental services

22725 Orchard Lake Road, Farmington, MI 48336
phone: (248) 615-1333 fax: (248) 615-1334

Sanborn Fire Insurance Map
Armada Oil
300 North Main Street
Ann Arbor, Michigan
PROJECT NUMBER: 3657F-1-17

DRAWN BY: TLH
DATE: 07/1/02

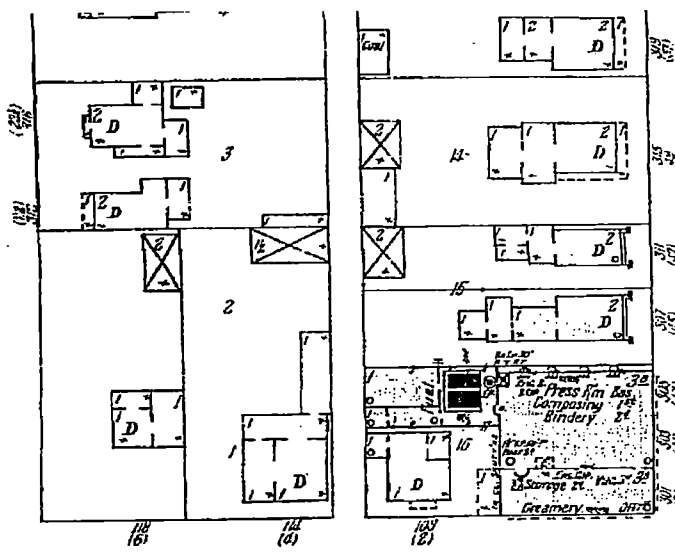
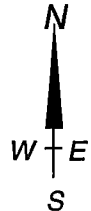
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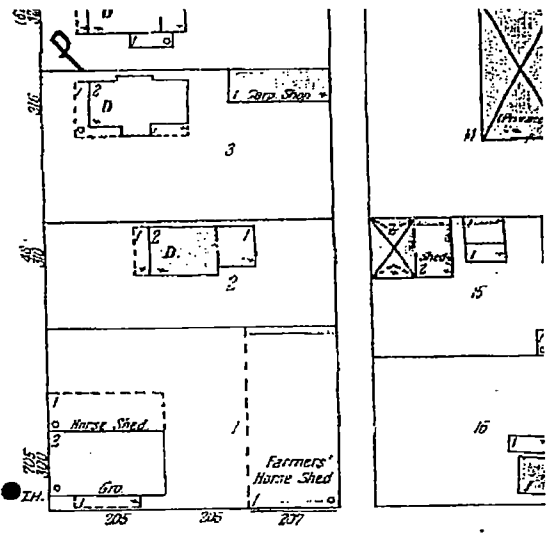
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environmental services
22725 Orchard Lake Road, Farmington, MI 48336
phone: (248) 615-1333 fax: (248) 615-1334

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Armada Oil
300 North Main Street
Ann Arbor, Michigan
PROJECT NUMBER: 3657F-1-17

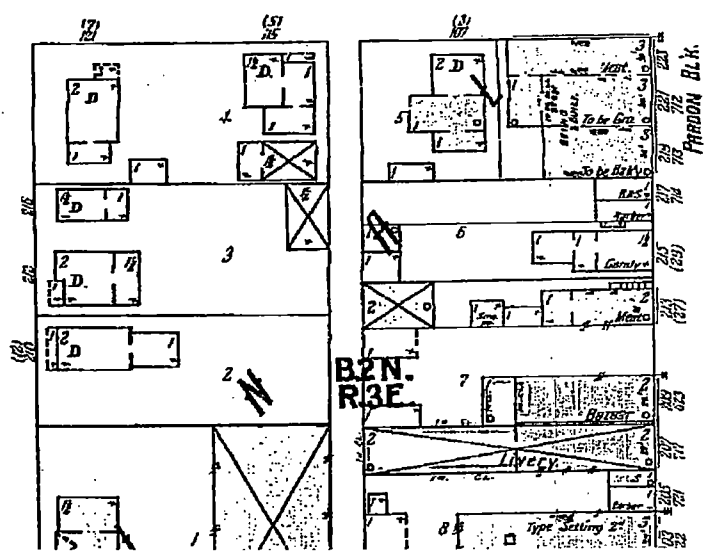
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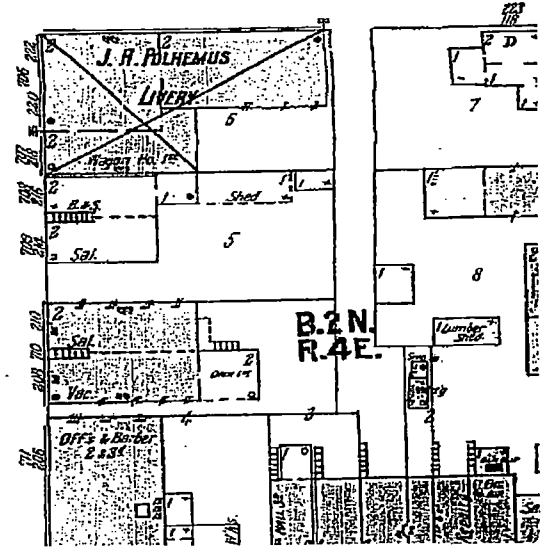
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E. CATHERINE



N. MAIN

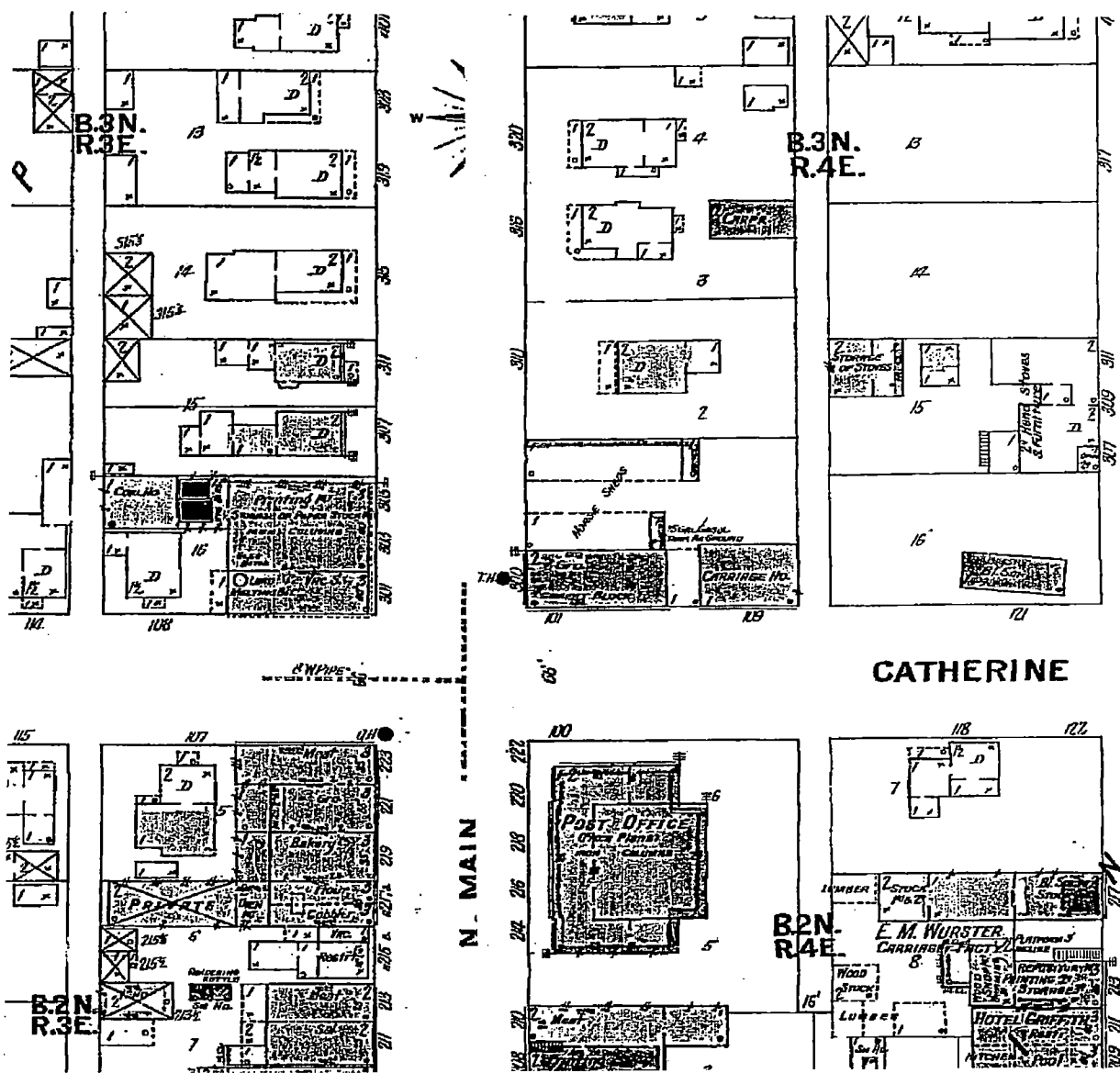


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environmental services
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phone: (248) 615-1333 fax: (248) 615-1334

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PROJECT NUMBER: 3657F-1-17

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1899

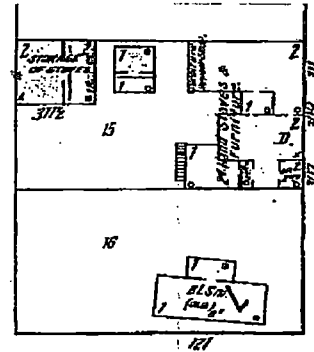
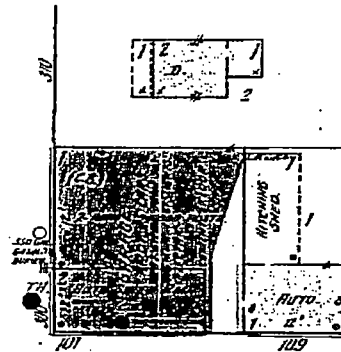
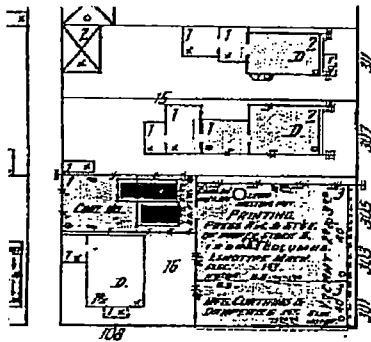
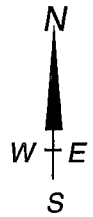


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environmental services
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phone: (248) 615-1333 fax: (248) 615-1334

Sanborn Fire Insurance Map
Armada Oil
300 North Main Street
Ann Arbor, Michigan
PROJECT NUMBER: 3657F-1-17

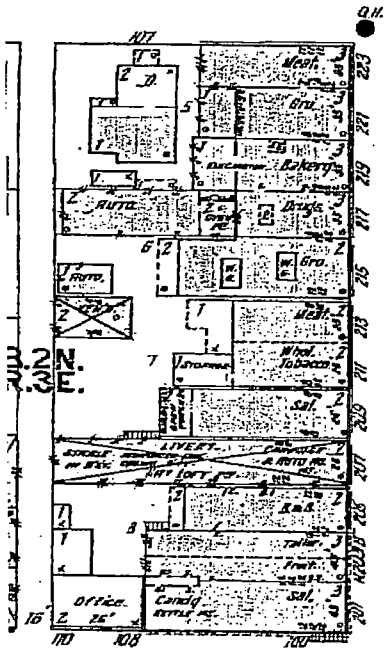
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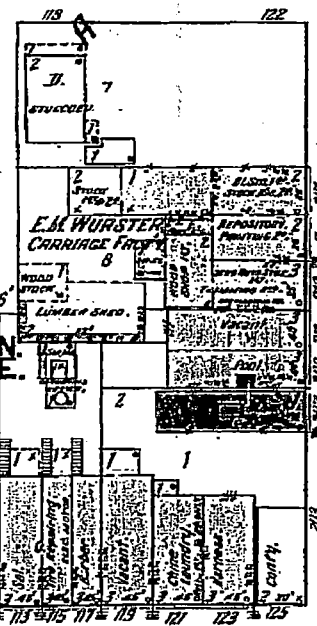
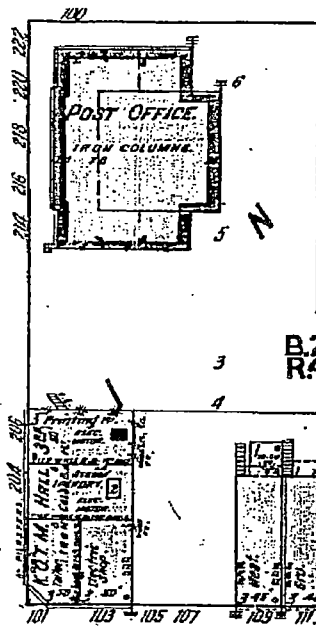


AV. 6" N PIPE

CATHERINE



N MAIN



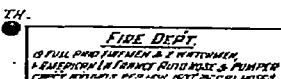
ANN

WHITNEY OPERA HO.
SEATING CAPCY 1500.
324 HEART STERN 325



6" W.P. 18" W.P.

E. ANN



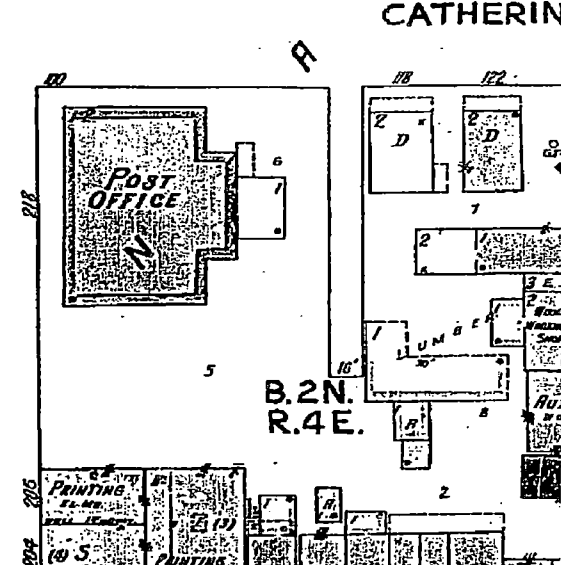
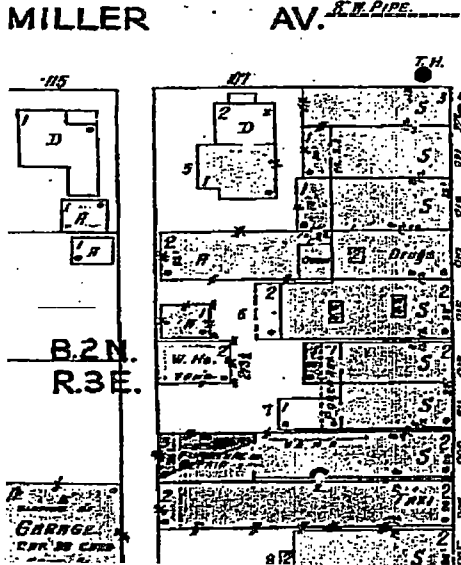
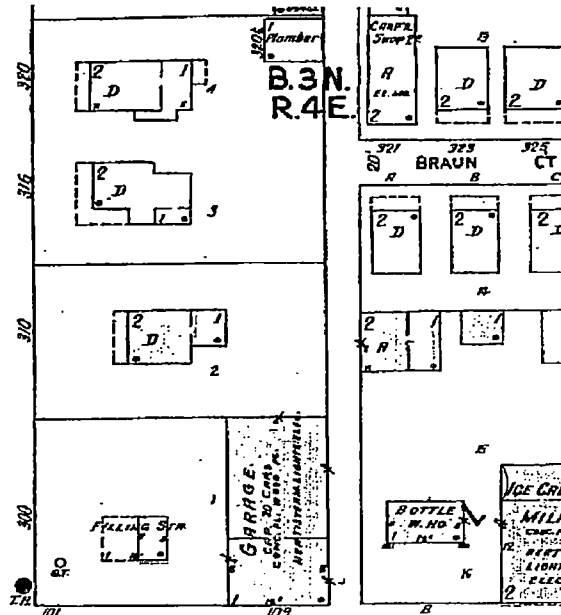
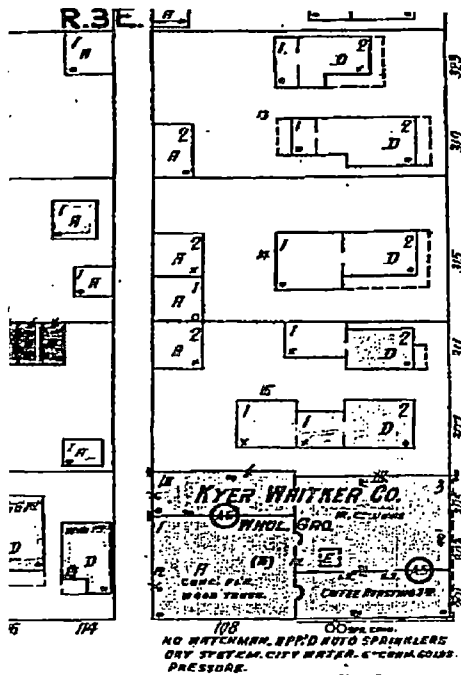
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environmental services

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Sanborn Fire Insurance Map
Armada Oil
300 North Main Street
Ann Arbor, Michigan
PROJECT NUMBER: 3657F-1-17

DRAWN BY: TLH
DATE: 07/1/02

1916



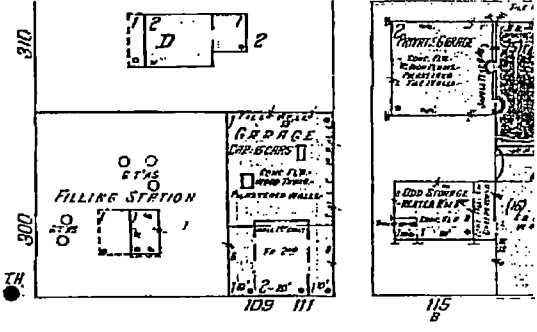
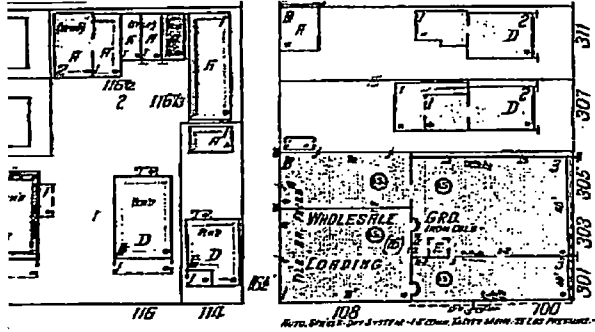
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environmental services

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phone: (248) 615-1333 fax: (248) 615-1334

Sanborn Fire Insurance Map
Armada Oil
300 North Main Street
Ann Arbor, Michigan
PROJECT NUMBER: 3657F-1-17

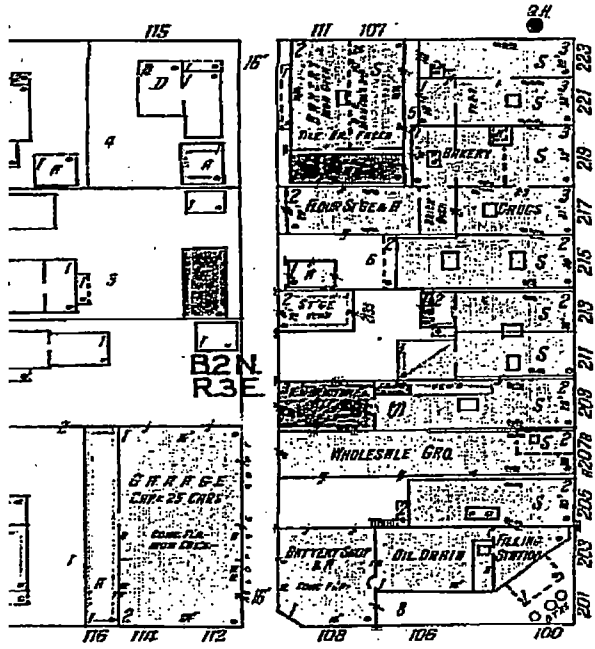
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DATE: 07/1/02

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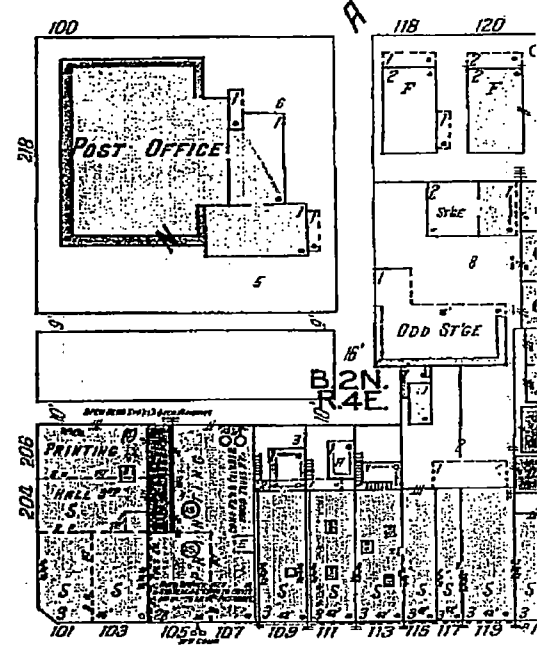


MILLER AV. 6' W.P.V.E.

CATHERI



N. MAIN



W. ANN 6' W.P.V.E.

E. 1



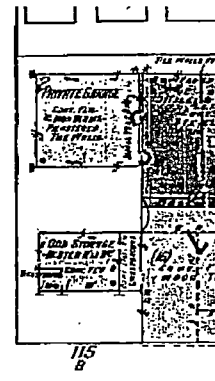
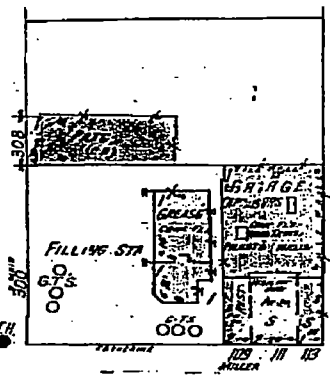
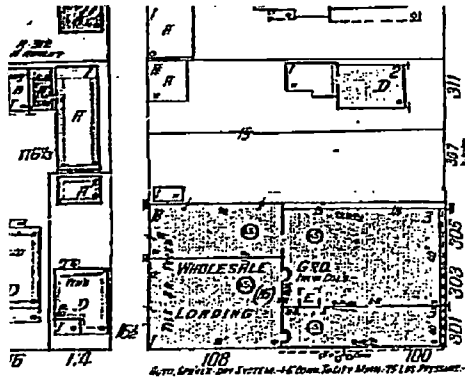
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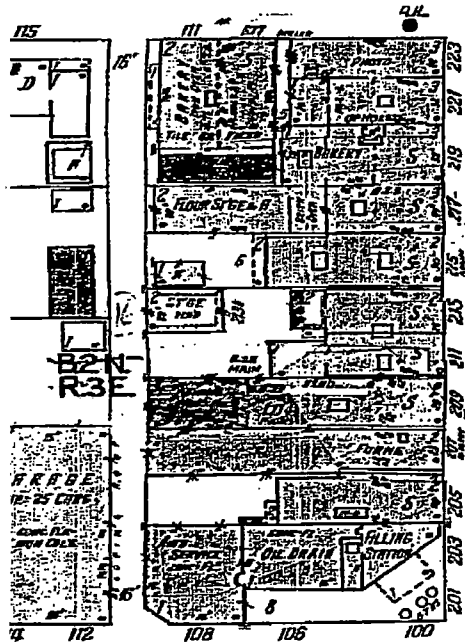
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DATE: 07/1/02

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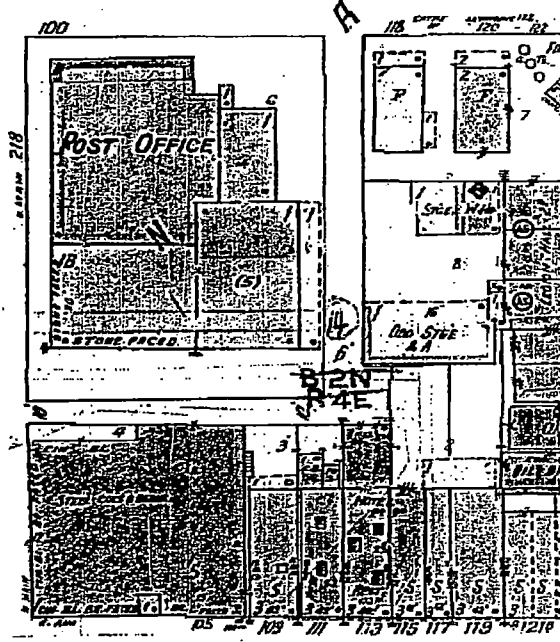


HILLER AV. 511 Pcs

CATHERINE



N. MAIN



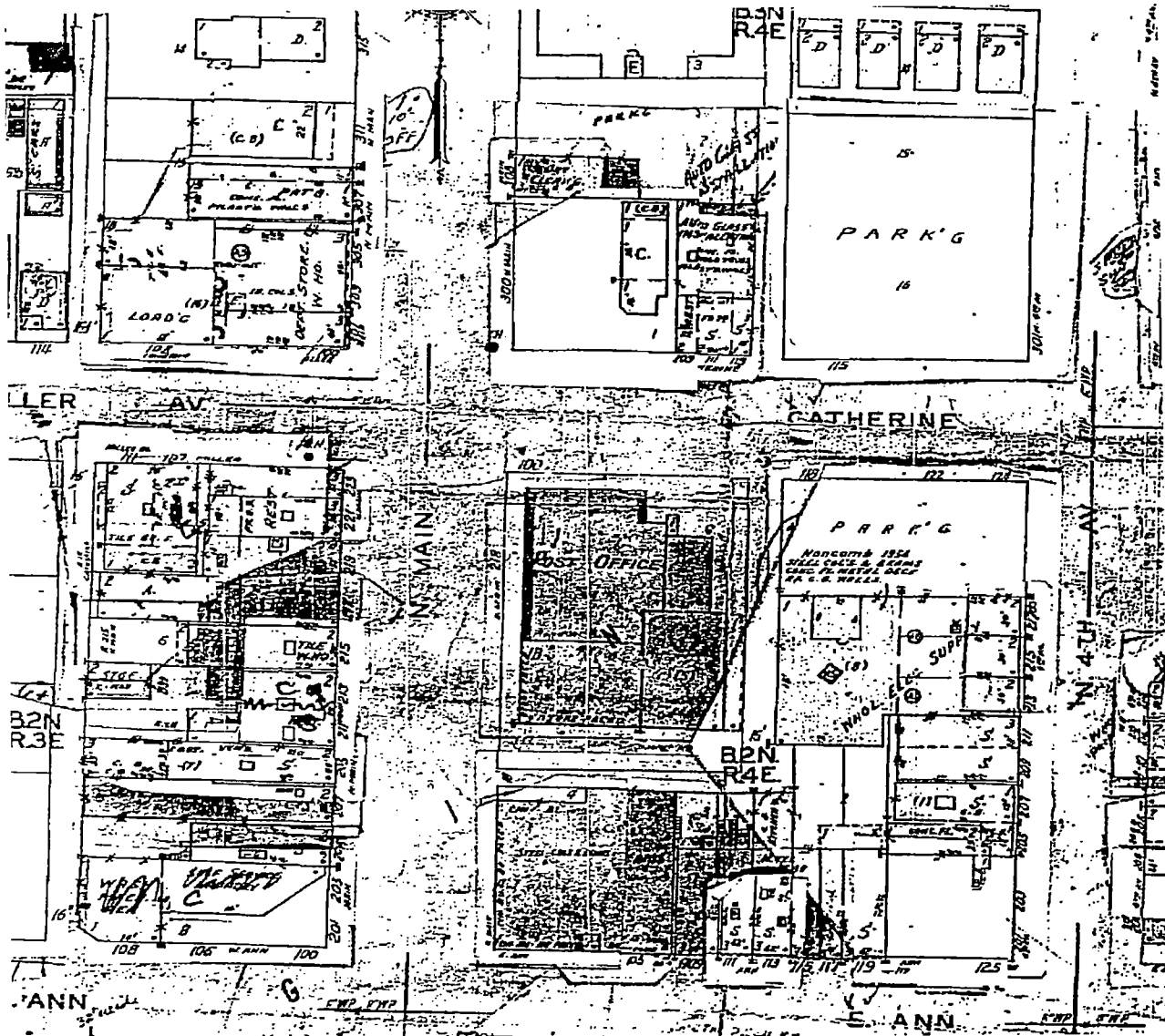
AKTPEERLESS
environmental services

22725 Orchard Lake Road, Farmington, MI 48336
phone: (248) 615-1333 fax: (248) 615-1334

Sanborn Fire Insurance Map
Armada Oil
300 North Main Street
Ann Arbor, Michigan
PROJECT NUMBER: 3657F-1-17

DRAWN BY: TLH
DATE: 07/1/02

1949



AKT PEERLESS
environmental services

22725 Orchard Lake Road, Farmington, MI 48336
phone: (248) 615-1333 fax: (248) 615-1334

Sanborn Fire Insurance Map
Armada Oil
300 North Main Street
Ann Arbor, Michigan
PROJECT NUMBER: 3657F-1-17

DRAWN BY: TLH
DATE: 07/1/02

1972

APPENDIX E

Delta's Property Divestment Assessment

MAY 17 2002

Property Divestment Assessment

Service Station No. 5172

300 North Main Street

Ann Arbor, Michigan

Delta Project No. AMG0-0W4-1

Prepared by:

Delta Environmental Consultants, Inc.
39303 Country Club Drive, Suite A-26
Farmington Hills, Michigan 48331
(248) 489-3003

May 15, 2002

TABLE OF CONTENTS

<u>EXECUTIVE SUMMARY</u>	ii
1.0 <u>INTRODUCTION</u>	1
2.0 <u>SITE DESCRIPTION/HISTORY</u>	1
3.0 <u>GEOLOGIC / HYDROGEOLOGIC DATA</u>	2
3.1 Regional Data.....	2
3.2 Site Data.....	2
4.0 <u>SCOPE OF WORK</u>	3
5.0 <u>SOIL INVESTIGATION</u>	4
6.0 <u>GROUNDWATER INVESTIGATION</u>	4
7.0 <u>CONCLUSIONS</u>	5

FIGURES

FIGURE 1 – SITE MAP

FIGURE 2 – SOIL ANALYTICAL MAP

FIGURE 3 – GROUNDWATER ANALYTICAL MAP

TABLES

TABLE 1 – SOIL ANALYTICAL RESULTS SUMMARY TABLE

TABLE 2 – GROUNDWATER ANALYTICAL RESULTS SUMMARY TABLE

APPENDICES

APPENDIX A – POTENTIAL RECEPTOR SURVEY SPP-108A

APPENDIX B – SOIL BORING LOGS

APPENDIX C – SOIL AND GROUNDWATER ANALYTICAL REPORTS

APPENDIX D – WATER WELL RECORDS

APPENDIX E – HISTORICAL SOIL AND GROUNDWATER INFORMATION

EXECUTIVE SUMMARY

The purpose of this report is to reasonably define the existing environmental site conditions related to past BP Products North America Inc. (BP) gasoline sales at 300 North Main Street, Ann Arbor, Michigan. The report summarizes the closed Part 213 Leaking Underground Storage Tank (LUST) Act Corrective Actions, as well as, the results of a Property Divestment Assessment conducted according to the *MWBU Year 2000 Property Divestment Assessment Scope of Work Guidelines*¹.

The location is listed by the Michigan Department of Environmental Quality's Storage Tank Division (MDEQ-STD) as a closed leaking underground storage tank site under Part 213, of the Michigan Natural Resources and Environmental Protection Act (NREPA) P.A. 451, as amended.

A confirmed release was reported to the Michigan State Police Fire Marshal Division on March 4, 1992 due to an overfilled underground storage tank (UST). Approximately, thirty to fifty gallons of gasoline spilled onto the ground. A corrective action plan was not completed for the site because remediation at the site was not required based on a risk-based corrective action evaluation. The site was closed, as an active leaking underground storage tank (LUST) site, on September 27, 1996.

The Property Divestment Assessment identified impacted groundwater concentrations comparable to those that were on-site when site closure was achieved. Therefore, the impact encountered during the property divestment assessment is not considered a new release.

The information contained in this report is true, accurate, and complete. However, standards and regulations being imposed by the various governmental entities are subject to rapid and continuing change. Therefore, a third-party reviewing this report should consult appropriate technical or legal counsel to determine, among other factors: 1) the standards that are addressed in this report and the requirements under which it was prepared; and 2) whether there has been any

¹ BP Confidential Document, dated 2/10/2000

unforeseeable changes to conditions at the site and/or the applicable laws and regulations since the preparation of this report.

1.0 INTRODUCTION

The purpose of this report is to reasonably define the existing environmental site conditions related to BP Products North America Inc. (BP)² gasoline sales in accordance with the *BP MWBU Year 2000 - Property Divestment Assessment Scope of Work Guidelines*. This report summarizes the results of the Property Divestment Assessment and closed Part 213 Leaking Underground Storage Tank Act Corrective Action.

This report is not intended to meet the requirements of the ASTM E 1527 - Phase I Environmental Site Assessment, ASTM E 1528 - Transaction Screen Process, or the requirements of the Michigan Natural Resources and Environmental Protection Act (NREPA) 451, of the Public Acts of 1994, as amended, or any other standard.

2.0 SITE DESCRIPTION/HISTORY

The subject site is located at 300 North Main Street, Ann Arbor, Michigan (see Figure 1 - Site Map). The site is currently an active, Amoco branded, petroleum retail station. A one-story structure with canopy is present at the site.

The active underground storage tank (UST) system consists of two dispenser islands and one 6,000-gallon, one 8,000-gallon, and one 10,000-gallon steel USTs. One building, a convenience store, is located on site. Refer to Figure 1 for the location of the UST components. Refer to the table below for details of the active USTs.

The active UST system was originally installed in 1962 with system upgrades occurring in 1970 and 1984. The system piping was upgraded in 1993. Refer to Figure 1 for the location of the UST system and dispenser islands. The active UST system may have been preceded by a former UST system. The dates for installation and decommission for this former UST system is unknown. An as-built blueprint map indicates that the former

² On October 1, 2001, BP Exploration & Oil Inc. merged into Amoco Oil Company, and concurrently, Amoco Oil changed its name to BP Products North America Inc. One of the effects of this transaction is that effective October 1, 2001, environmental corrective action activities that are being performed by BP Exploration & Oil Inc. or by Amoco Oil Company immediately before October 1, 2001 will thereafter be performed by BP Products North America Inc.

UST system was located in the same approximate area as the current UST system. Refer to the table below for details about the UST system.

UST ID Registration #	Year Installed	Capacity (gallons)	Substance Stored	Current Condition
1	1962	6,000	Gasoline	Active – Cathodically Protected Steel
2	1984	8,000	Gasoline	Active – Cathodically Protected Steel
3	1970	10,000	Gasoline	Active – Cathodically Protected Steel

Refer to Figure 1 for the approximate locations of the known components of this system.

A confirmed release was reported to the Michigan State Police Fire Marshal Division on March 4, 1992 due to an overflow of a UST. The release was closed on September 27, 1996.

3.0 GEOLOGIC / HYDROGEOLOGIC DATA

3.1 Regional Data

Regional geology consists of late Quaternary aged medium-textured Glacial till that consists of a matrix of sand and silt with varying amounts of clay, cobbles and boulders (Farrand and Bell, 1982). Regional lithology is characterized as light brown to brown to dark gray soils.

According to the Hydrogeological Atlas of Michigan, 1981, Plate 27, "Aquifer Vulnerability to Surface Contamination" the first useable aquifer is protected by impervious material from surface contamination.

3.2 Site Data

Based on site investigations completed to date, soils encountered at the site consist of fine to medium sand and silt extending from below the pavement to a depth of approximately five feet below ground surface (bgs). Underlying the sand is silty clay to a depth of

approximately fifteen feet bgs, the deepest extent explored. Due to the nature of glacial till and its varying depositional nature the silty clay that has been encountered on-site does not display a consistent depth or thickness in water well logs from the area, see Appendix D.

Saturated soil was encountered at approximately seven to nine feet bgs in soil boring PD-2 and PD-3. Historical information indicates that the groundwater occurring on-site is perched in nature and does not represent a potable water source.

4.0 SCOPE OF WORK

The scope of work was developed using the *BP MWBU Year 2000 - Property Divestment Assessment Scope of Work Guidelines* and through discussions between Delta and BP personnel. Five soil borings were advanced as part of assessing soil and ground water conditions surrounding current UST system components. The following soil borings were advanced:

- PD-1 – Advanced south of the former/current UST basin.
- PD-2 – Advanced south of the former/current UST basin.
- PD-3 – Advanced west of the current western pump island and former UST basin.
- PD-4 – Advanced north of the current western pump island.
- PD-5 – Advanced north of the current eastern pump island.

The investigation was limited to five soil borings due to the small size of the site and health and safety concerns in respect to soil boring placement.

5.0 SOIL INVESTIGATION

Five soil borings were advanced on April 13, 2002, utilizing a hand auger and geoprobe. Soil samples were field screened utilizing a Photoionization Detector (PID). During completion of the soil borings, slight odors were observed in subsurface soils from soil borings PD-1 through PD-3, and PD-5. Soil samples were collected and field preserved with Methanol in accordance with MDEQ guidance and EPA Method 5035. The samples were shipped to Pace Analytical Services, Minneapolis, Minnesota and submitted for analysis of benzene, toluene, ethylbenzene, xylenes (BTEX), methyl-tertiary-butyl ether (MTBE), naphthalene, 2-methylnaphthalene, 1,2,4-trimethylbenzene (TMB), 1,3,5-TMB, 1,2-dibromoethane and 1,2-dichloroethane using EPA method 8260. All soil samples were also submitted for analysis of lead using EPA method 6010. A total of ten soil samples were collected and submitted for analysis.

The location of the sampling points and analytical results are shown on Figure 2 – Soil Analytical Results Summary Map. A description of the soil conditions encountered is included on the soil boring logs in Appendix B.

Soil analytical results were compared to soil analytical results from previous site investigation activities. Please refer to Table 1 for a summary of analytical results. The results from all soil samples collected are comparable to their previous sample counterparts. Please refer to Appendix D for historical figures and tables for further information.

6.0 GROUND WATER INVESTIGATION

Groundwater was encountered at approximately seven to nine feet bgs in soil borings PD-2 and PD-3. Groundwater samples were collected from PD-2 and PD-3 and were shipped to Pace Analytical Services, Minneapolis, Minnesota. These samples were submitted for analysis of BTEX, MTBE, naphthalene, 2-methylnaphthalene, 1,2,4-TMB, 1,3,5-TMB, 1,2-dibromoethane, and 1,2-dichloroethane using EPA method 8260. In addition, each of

the samples collected was analyzed for dissolved lead using EPA method 6020. The locations of the soil borings, as well as, the associated analytical results are shown on Figure 3.

Laboratory analytical results indicated that 1,2-dibromoethane was not detected in any of the groundwater samples collected. BTEX, MTBE, naphthalene, 2-methylnaphthalene, 1,2,4-TMB, 1,3,5-TMB, and 1,3-dichloroethane were detected in varying concentrations in all of the groundwater samples that were collected. Groundwater analytical results were compared to the limited groundwater analytical results from previous site investigation activities. Please refer to Table 1 for a summary of analytical results. The results from all groundwater samples collected are comparable to previous sample results. Please refer to Appendix D for historical figures and tables for further information.

7.0 CONCLUSIONS

A Property Divestment Assessment has been performed at the property located at 300 North Main Street, Ann Arbor, Michigan. The purpose of this assessment was to establish the existing environmental site conditions of subsurface soil and ground water related to past BP petroleum sales prior to property transfer.

Analytical results from the divestment assessment are comparable to the previous site investigation activities. A Restrictive Covenant for the property would not be necessary prior to the property transaction process. The site remains a closed LUST site.

FIGURES

- LEGEND**
- ▲ PD SOIL BORING
 - PROPERTY LINE
 - ⊞ PUMP ISLAND
 - - - LIGHTER GRAY DASHED LINES INDICATE FORMER SITE FEATURES
 - UNDERGROUND STORAGE TANK
 - 1 10,000 GALLON STORAGE TANK
 - 2 8,000 GALLON STORAGE TANK
 - 3 6,000 GALLON STORAGE TANK
 - WATER LINE
 - UNDERGROUND ELECTRIC LINE
 - PRODUCT LINES
 - POWER POLE

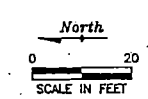
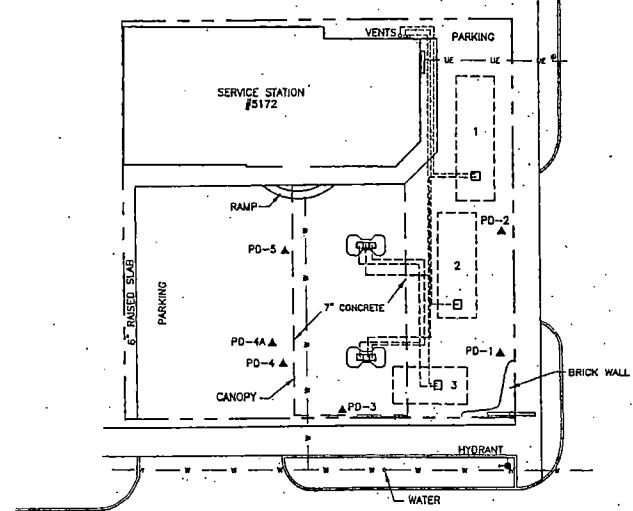
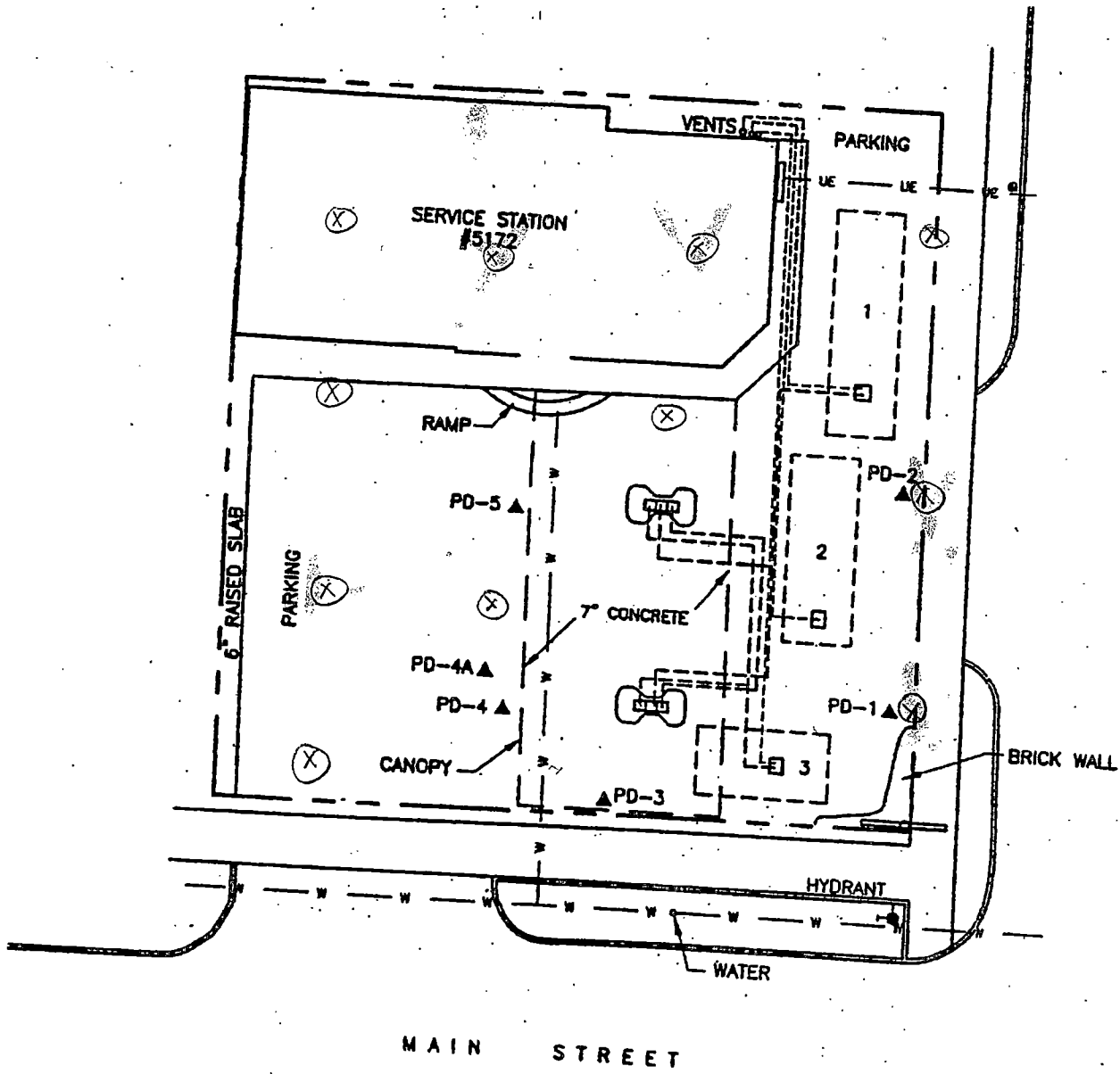


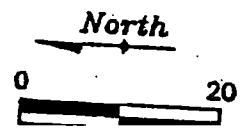
FIGURE 1
SITE MAP
 AMOCO SERVICE STATION #5172
 MAIN & CATHERINE
 ANN ARBOR, MICHIGAN

PROJECT NO. AMGO-0W4	PREPARED BY SC	DRAWN BY DD	
DATE 5/5/02	REVIEWED BY	FILE NAME 1416-9ES	

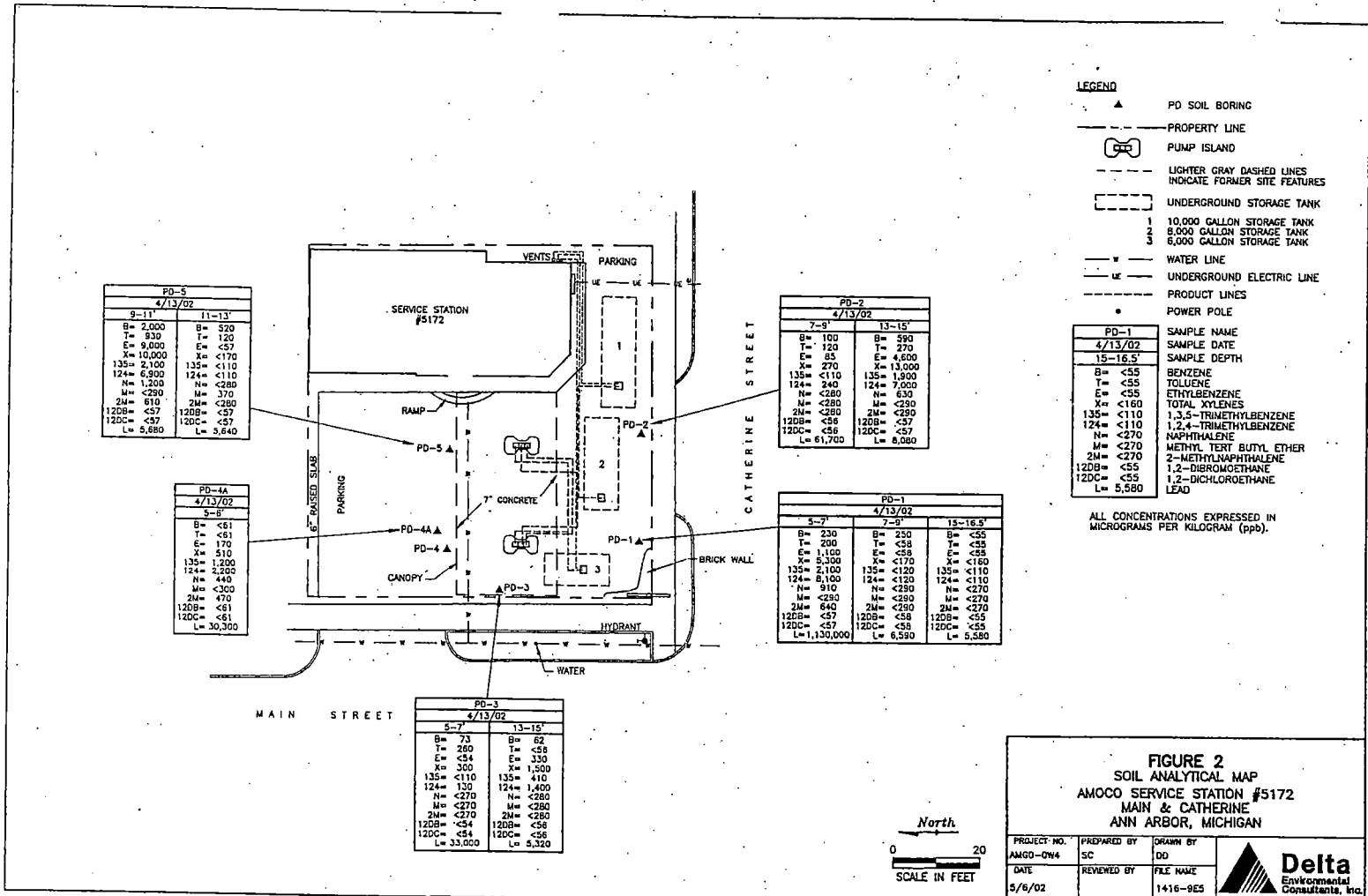


CATHERINE STREET

MAIN STREET



PROJECT NO.
AMGO-OW4



LEGEND

- ▲ PD SOIL BORING
- PROPERTY LINE
- ⊞ PUMP ISLAND
- LIGHTER GRAY DASHED LINES INDICATE FORMER SITE FEATURES
- ⊞ UNDERGROUND STORAGE TANK
 - 1 10,000 GALLON STORAGE TANK
 - 2 8,000 GALLON STORAGE TANK
 - 3 6,000 GALLON STORAGE TANK
- WATER LINE
- UNDERGROUND ELECTRIC LINE
- PRODUCT LINES
- POWER POLE

PD-1	SAMPLE NAME
4/13/02	SAMPLE DATE
15-16.5'	SAMPLE DEPTH
B= <55	BENZENE
T= <55	TOLUENE
E= <55	ETHYLBENZENE
X= <160	TOTAL XYLENES
135= <110	1,3,5-TRIMETHYLBENZENE
124= <110	1,2,4-TRIMETHYLBENZENE
N= <270	NAPHTHALENE
M= <270	METHYL TERT BUTYL ETHER
2M= <270	2-METHYLNAPHTHALENE
12DB= <55	1,2-DIBROMOETHANE
12DC= <55	1,2-DICHLOROETHANE
L= 5,580	LEAD

ALL CONCENTRATIONS EXPRESSED IN MICROGRAMS PER KILOGRAM (ppb).

PD-5	
4/13/02	
9-11'	11-13'
B= 2,000	B= 520
T= 930	T= 120
E= 9,000	E= <57
X= 10,000	X= <170
135= 2,100	135= <110
124= 6,300	124= <110
N= 1,200	N= <280
M= <290	M= 370
2M= 610	2M= <280
12DB= <57	12DB= <57
12DC= <57	12DC= <57
L= 5,580	L= 5,640

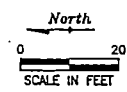
PD-4A	
4/13/02	
5-B	
B= <61	
T= <61	
E= 170	
X= 510	
135= 1,200	
124= 2,300	
N= 440	
M= <300	
2M= 470	
12DB= <61	
12DC= <61	
L= 30,300	

PD-3	
4/13/02	
5-7'	13-15'
B= 73	B= 62
T= 280	T= <54
E= <54	E= 330
X= 300	X= 1,500
135= <110	135= 410
124= 130	124= 1,400
N= <270	N= <280
M= <270	M= <280
2M= <270	2M= <280
12DB= <54	12DB= <56
12DC= <54	12DC= <56
L= 33,000	L= 5,320

PD-2	
4/13/02	
7-9'	13-15'
B= 100	B= 390
T= 120	T= 270
E= 65	E= 4,600
X= 270	X= 13,000
135= <110	135= 1,900
124= 240	124= 7,000
N= <280	N= 630
M= <280	M= <290
2M= <280	2M= <290
12DB= <56	12DB= <57
12DC= <56	12DC= <57
L= 61,700	L= 8,060

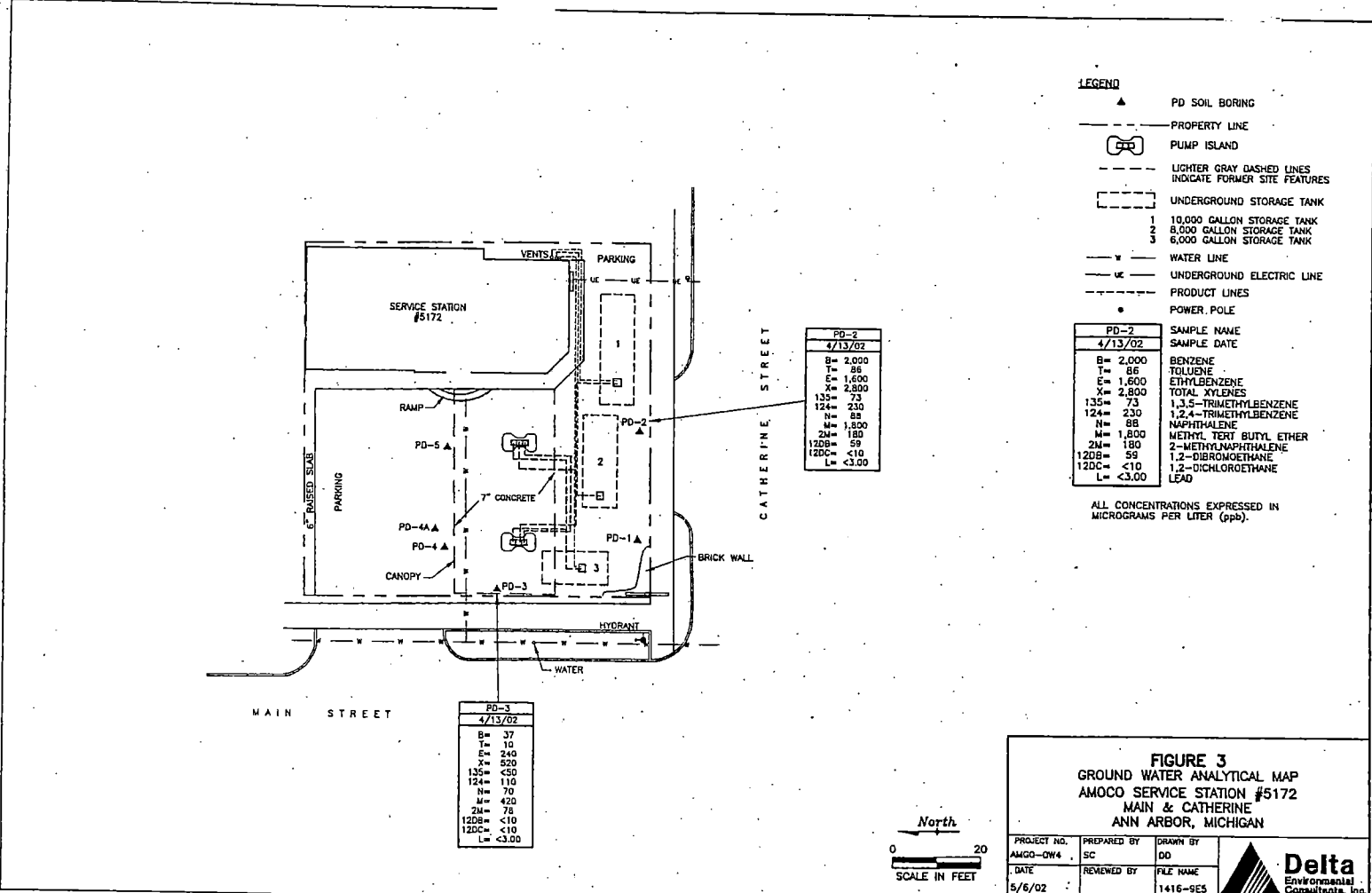
PD-1		
4/13/02		
5-7'	7-9'	15-16.5'
B= 230	B= 250	B= <55
T= 280	T= <58	T= <55
E= 1,100	E= <58	E= <55
X= 5,300	X= <170	X= <160
135= 2,100	135= <120	135= <110
124= 8,100	124= <120	124= <110
N= 910	N= <290	N= <270
M= <290	M= <290	M= <270
2M= 640	2M= <290	2M= <270
12DB= <57	12DB= <58	12DB= <55
12DC= <57	12DC= <58	12DC= <55
L= 1,130,000	L= 6,590	L= 5,580

FIGURE 2
SOIL ANALYTICAL MAP
AMOCO SERVICE STATION #5172
MAIN & CATHERINE
ANN ARBOR, MICHIGAN



PROJECT NO. AMGD-0W4	PREPARED BY SC	DRAWN BY DD
DATE 5/6/02	REVIEWED BY	FILE NAME 1416-9E5





- LEGEND**
- ▲ PD SOIL BORING
 - PROPERTY LINE
 - ⊞ PUMP ISLAND
 - - - - - LIGHTER GRAY DASHED LINES INDICATE FORMER SITE FEATURES
 - 1 10,000 GALLON STORAGE TANK
 - 2 8,000 GALLON STORAGE TANK
 - 3 6,000 GALLON STORAGE TANK
 - W — WATER LINE
 - UE — UNDERGROUND ELECTRIC LINE
 - - - - - PRODUCT LINES
 - POWER POLE

PD-2	
4/13/02	
B= 2,000	BENZENE
T= 86	TOLUENE
E= 1,600	ETHYLBENZENE
X= 2,800	TOTAL XYLENES
135= 73	1,3,5-TRIMETHYLBENZENE
124= 230	1,2,4-TRIMETHYLBENZENE
N= 88	NAPHTHALENE
M= 1,800	METHYL TERT BUTYL ETHER
2M= 180	2-METHYLNAPHTHALENE
12DB= 59	1,2-DIBROMOETHANE
12DC= <10	1,2-DICHLOROETHANE
L= <3.00	LEAD

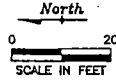
ALL CONCENTRATIONS EXPRESSED IN MICROGRAMS PER LITER (ppb).

PD-2	
4/13/02	
B= 2,000	
T= 86	
E= 1,600	
X= 2,800	
135= 73	
124= 230	
N= 88	
M= 1,800	
2M= 180	
12DB= 59	
12DC= <10	
L= <3.00	

PD-3	
4/13/02	
B= 37	
T= 10	
E= 240	
X= 520	
135= <50	
124= 110	
N= 70	
M= 420	
2M= 78	
12DB= <10	
12DC= <10	
L= <3.00	

FIGURE 3
GROUND WATER ANALYTICAL MAP
AMOCO SERVICE STATION #5172
MAIN & CATHERINE
ANN ARBOR, MICHIGAN

PROJECT NO. AMGO-OW4	PREPARED BY SC	DRAWN BY DD
DATE 5/6/02	REVIEWED BY	FILE NAME 1416-9E5



TABLES

Table 1
Soil Analytical Results Summary Table
Service Station #5172
300 North Main Street
Ann Arbor, Michigan

VOLATILES										
Sample ID	PD-1		PD-1		PD-1		PD-2		PD-2	
Sample Interval (ft bgs)	5'-7'		7'-9'		15'-16.5'		7'-9'		13'-15'	
Date Collected	04/13/02		04/13/02		04/13/02		04/13/02		04/13/02	
Date Analyzed	04/23/02		04/23/02		04/22/02		04/23/02		04/23/02	
Laboratory	Pace		Pace		Pace		Pace		Pace	
Analytical Method No.	8260		8260		8260		8260		8260	
Collection Method*	SP		SP		SP		SP		SP	
CONSTITUENT (ug/Kg)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
Benzene	230	57	250	58	<55	55	100	56	590	57
Toluene	200	57	<58	58	<55	55	120	56	270	57
Ethylbenzene	1,100	57	<58	58	<55	55	85	56	4,600	57
Total Xylenes	5,300	170	<170	170	<160	160	270	170	13,000	170
1,3,5 Trimethylbenzene	2,100	110	<120	120	<110	110	<110	110	1,900	110
1,2,4 Trimethylbenzene	8,100	110	<120	120	<110	110	240	110	7,000	110
Naphthalene	910	290	<290	290	<270	270	<280	280	630	290
MTBE	<290	290	<290	290	<270	270	<280	280	<290	290
2-Methylnaphthalene	640	290	<290	290	<270	270	<280	280	<290	290
1,2-Dibromoethane	<57	57	<58	58	<55	55	<56	56	<57	57
1,2-Dichloroethane	<57	57	<58	58	<55	55	<56	56	<57	57

METALS										
Date Digested	4/17/2002		4/17/2002		4/17/2002		4/17/2002		4/17/2002	
Date Analyzed	4/18/2002		4/18/2002		4/18/2002		4/18/2002		4/18/2002	
Laboratory	Pace		Pace		Pace		Pace		Pace	
Analytical Method No.	6010		6010		6010		6010		6010	
CONSTITUENT (ug/Kg)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
Total Lead	1,130,000	1,110	6,590	1,150	5,580	995	61,700	1,110	8,080	1,120

VOLATILES										
Sample ID	PD-3		PD-3		PD-4A		PD-5		PD-5	
Sample Interval (ft bgs)	5'-7'		13'-15'		5'-6'		9'-11'		11'-13'	
Date Collected	04/13/02		04/13/02		04/13/02		04/13/02		4/13/2002	
Date Analyzed	04/23/02		04/23/02		04/22/02		04/23/02		4/23/2002	
Laboratory	Pace		Pace		Pace		Pace		Pace	
Analytical Method No.	8260		8260		8260		8260		8260	
Collection Method*	SP		SP		SP		SP		SP	
CONSTITUENT (ug/Kg)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
Benzene	73	54	62	56	<61	61	2000	57	520	57
Toluene	280	54	<56	56	<61	61	930	57	120	57
Ethylbenzene	<54	54	330	56	170	61	9000	57	<57	57
Total Xylenes	300	160	1,500	170	510	180	10000	170	<170	170
1,3,5 Trimethylbenzene	<110	110	410	110	1,200	120	2100	110	<110	110
1,2,4 Trimethylbenzene	130	110	1,400	110	2,200	120	6900	110	<110	110
Naphthalene	<270	270	<280	280	440	300	1300	290	<280	280
MTBE	<270	270	<280	280	<300	300	<290	290	370	280
2-Methylnaphthalene	<270	270	<280	280	470	300	610	290	<280	280
1,2-Dibromoethane	<54	54	<56	56	<61	61	<57	57	<57	57
1,2-Dichloroethane	<54	54	<56	56	<61	61	<57	57	<57	57

METALS										
Date Digested	4/17/2002		4/17/2002		4/17/2002		4/17/2002		4/17/2002	
Date Analyzed	4/18/2002		4/18/2002		4/18/2002		4/18/2002		4/18/2002	
Laboratory	Pace		Pace		Pace		Pace		Pace	
Analytical Method No.	6010		6010		6010		6010		6010	
CONSTITUENT (ug/Kg)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
Total Lead	33,000	1,010	5,320	1,090	30,300	1,160	5,660	1,130	5,640	1,090
Cadmium										
Chromium										

bgs = Below ground surface
 *Collection Method Codes (list all that apply): Soil Probe (SP)
 NA = Not analyzed
 ND = Not detected at or above method detection limits

Table 2
Groundwater Analytical Results Summary Table
Service Station #5172
300 North Main Street
Ann Arbor, Michigan

VOLATILES				
Sample ID	PD-2		PD-3	
Sample Interval (ft bgs)				
Date Collected	04/13/02		04/13/02	
Date Analyzed	04/24/02		04/24/02	
Laboratory	Pace		Pace	
Analytical Method No.	8260		8260	
Collection Method*	VP		VP	
CONSTITUENT (ug/L)	Conc	MDL	Conc	MDL
Benzene	2,000	20	37	10
Toluene	86	10	10	10
Ethylbenzene	1,600	20	240	10
Total Xylenes	2,800	30	520	30
MTBE	73	50	<50	50
Naphthalene	230	50	110	50
2-Methylnaphthalene	88	50	70	50
1,2,4 Trimethylbenzene	1,800	20	420	10
1,3,5 Trimethylbenzene	180	10	78	10
1,3-Dichloroethane	59	10	<10	10
1,2-Dibromoethane	<10	10	<10	10
METALS				
Date Digested	4/18/2002		4/18/2002	
Date Analyzed	4/18/2002		4/18/2002	
Laboratory	Pace		Pace	
Analytical Method No.	6020		6020	
CONSTITUENT (ug/L)	Conc	MDL	Conc	MDL
Total Lead	<3.00	3.00	<3.00	3.00

bgs = Below ground surface

*Collection Method Codes Vacuum Pump (VP)

NA = Not analyzed

ND = Not detected at or above method detection limits

APPENDIX F
Site Inspection Checklist

AKT Peerless Environmental Services Site Inspection Checklist

Project Name: Armada Oil
Project Number: 3657F-1-17
Environmental Property Assessor: Bret Stuntz

Location: 300 North Main Street, Ann Arbor
Inspection Date: June 20, 2002

Indications of...	Yes/No	Comments/Observations
Hazardous Substances and Petroleum Products	Yes	Several small (one gallon or less) containers of oils and automobile fluids in mart. See below for USTs.
Hazardous Wastes	No	
Non-Hazardous Wastes	Yes	General refuse.
Unidentified Substances	No	
Storage Tanks	Yes	One 10,000-gallon gasoline UST, one 8,000-gallon gasoline UST, and one 6,000-gallon gasoline UST.
Suspect PCB Sources	Yes	Fluorescent light ballasts in various areas of the building.
Suspect Asbestos Sources	Yes	Two-foot by two-foot suspended ceiling tile, mart area.
Stained Soils	No	
Stressed Vegetation	No	
Stained Pavement or Floors	No	
Fill or Stockpiled Materials	No	
Waste Pits, Lagoons, or Pools of Liquid	No	
Site Landfills/Surface Impoundments	No	
Floor Drains/Sumps	Yes	Floor drain in mart.
Pesticide/Herbicide Usage	No	
Miscellaneous/Construction Debris	No	
Odors	No	
Other	No	

APPENDIX B
LEGAL DESCRIPTION OF SUBJECT PROPERTY

Site # 05172
N. Main & Catherine
Ann Arbor, MI

EXHIBIT A

LEGAL DESCRIPTION

Following real property situated in the City of Ann Arbor, County of Washtenaw, and State of Michigan, described as follows, to wit:

Lot One (1) and the South Quarter (S 1/4) of Lot Two(2) in Block Three (3), North of Huron Street, Range Four (4) East, according to the plat of the Village, now City, of Ann Arbor, recorded on May 25, 1924, excepting therefrom the East Forty-four feet (44') thereof, said premises being located at the Northeast corner of Main Street and Catherine Street in said City of Ann Arbor.

SUBJECT TO SELLER VERIFICATION

APPENDIX C

AKT PEERLESS' PROFESSIONAL EXPERIENCE

MICHAEL S. BEEBEE, P.E., CDT PROFESSIONAL PROFILE

**Senior Environmental Engineer
Environmental Engineering Services**

EDUCATION

University of Michigan, Ann Arbor, Michigan
B.S., Civil and Environmental Engineering
Concentration in Environmental Engineering, 1995

PROFESSIONAL EXPERIENCE

Senior Environmental Engineer, AKT Peerless Environmental Services
Project Engineer, AKT Environmental Consultants, Inc.
Environmental Engineer, Ecology and Environment, Inc.
Research Assistant, National Center for Integrated Bioremediation Research and Development

AREA OF EXPERTISE

Expertise includes: (1) preparing project manual to include construction and demolition specifications in accordance with the format of Construction Specifications Institute, (2) preparing Engineering Evaluation /Cost Analyses for remedial actions, (3) conducting field operations such as soil and groundwater sampling, and surveying, (4) assisting in the design, installation, and operation of soil and groundwater remediation systems, (5) preparing reports to maintain compliance with Michigan Department of Environmental Quality reporting requirements, (6) obtaining approval for waste disposal, (7) assisting with soil vapor extraction test and hydraulic conductivity and aquifer pump tests, (8) air quality sampling, permitting, and regulatory reporting (9) creating maps, diagrams, and drawings using various software packages including AutoCad and Canvas, and (10) groundwater modeling and contaminant contouring using software packages including ModFlow, Surfer, and Canvas.

Mr. Beebee has six years of experience in investigative activities regarding hazardous materials, substances or contaminants; including CERCLA-funded site assessment and removal activities, OPA-funded removal activities, subsurface investigation activities, and environmental site assessment activities. Mr. Beebee has conducted numerous subsurface investigations to evaluate the presence and/or extent of soil and groundwater contamination. Information obtained during these investigations is typically used to evaluate environmental risk, to determine appropriate remedial actions, and to provide cost analyses for site closure in compliance with current environmental regulations.

Mr. Beebee is certified (CDT) to prepare biddable specification packages (project manuals) following the format of Construction Specifications Institute. Project manuals are used for specifying demolition activities, removal of underground storage tank systems, removal of PCB-containing electrical equipment, installation of soil or groundwater remediation equipment; and removal of contaminated soil.

SUMMARY OF SELECTED PROJECTS

- (1) Prepared an Engineering Evaluation / Cost Analyses (EE/CA) for a dilapidated former meat-packing facility. The EE/CA included (1) specifications for demolition and site cleanup, (2) Site Characterization, (3) Streamlined Risk Evaluation, (4) identification of removal action objectives, (5) identification and analyses of removal action alternatives, (6) detailed analyses of removal action alternatives, and (7) comparative analyses of removal action alternatives.
- (2) Prepared a project manual and provided environmental oversight for several construction and demolition projects.
- (3) Project Manager for several sites using facility-specific information to develop appropriate Risked-Based cleanup levels.
- (4) Supervised drilling operations. Activities included: selecting boring locations, collecting soil samples, field screening soil samples, installing monitoring wells, and selecting parameters for laboratory analysis.
- (5) Provided technical assistance to On-Scene Coordinator of U.S. EPA during environmental site assessments and hazardous waste removal activities.
- (6) Modeled the extent of methane contamination in soil vapor at various depths below ground surface, based on results from soil boring studies.
- (7) Conducted a biogeochemical investigation of a former fire training/jet engine test cell complex to characterize the extent of intrinsic bioremediation over a range of oxidation-reduction conditions.
- (8) Evaluated sites contaminated with chlorinated organic compounds.
- (9) Determined the extensive contamination profile, extending in three dimensions, to model the concentrations and extent of pollutants as well as to determine the plume boundaries.
- (10) Analyzed for volatile organic compounds with gas chromatograph, using real-time data, to determine necessary locations for further monitoring.
- (11) Determined optimal location for monitoring wells and piezometers, based on hydrologic data collected from previously existing sources. Also aided in the installation of these piezometers and wells.

CERTIFICATIONS

Occupational Safety and Health Administration (OSHA) 40-hour Hazardous Waste Operations and Emergency Response (HAZWOPER) and 8-hour update
Professional Engineer (P.E. License 46847), Michigan Engineers
Construction Documents Technician (CDT), Construction Specifications Institute
First Aid/CPR
OESH (Occupational Safety and Environmental Health) laboratory safety training course

MICHAEL J. CORAM

**Geologist
Environmental Engineering Services**

PROFESSIONAL PROFILE

EDUCATION

University of Michigan, Ann Arbor MI
B.S., Environmental Geology 2001

PROFESSIONAL EXPERIENCE

Environmental Geologist, AKT Peerless Environmental Services

AREA OF EXPERTISE

Expertise includes: (1) conducting field operations such as soil, surface water, and groundwater sampling; (2) oversight of field operations such as monitoring well installation, and contaminant delineation; (3) preparing Phase II Subsurface Investigations, Baseline Environmental Assessment reports, UST closure reports and remedial action plans; and (4) creating maps, diagrams, and drawings using various software packages including AutoCad and Canvas.

Mr. Coram has under 1 year of experience in investigative activities regarding hazardous materials, substances or contaminants; including subsurface investigation activities, and environmental site assessment activities. Mr. Coram has conducted subsurface investigations to evaluate the presence and/or extent of soil and groundwater contamination. Information obtained during these investigations is typically used to evaluate environmental risk, to determine appropriate remedial actions, and to provide cost analyses for site closure in compliance with current environmental regulations.

SUMMARY OF SELECTED PROJECTS

- (1) Prepared BEA, subsurface investigations, and remedial action plans.
- (2) Supervised drilling operations. Activities included: selecting boring locations, collecting soil and groundwater samples, field screening soil samples, installing monitoring wells, and selecting parameters for laboratory analysis.
- (3) Evaluated sites with arsenic and lead contamination.

CERTIFICATIONS

Occupational Safety and Health Administration (OSHA) 40-hour Hazardous Waste Operations and Emergency Response (HAZWOPER)

MARK E. VAN DOREN
Hydrogeologist
Environmental Engineering Services

PROFESSIONAL PROFILE

EDUCATION

Western Michigan University, Kalamazoo, Michigan
B.S., Hydrogeology, 1996

PROFESSIONAL EXPERIENCE

Hydrogeologist, AKT Peerless Environmental Services
Hydrogeologist, Montgomery Watson

AREA OF EXPERTISE

Expertise includes: (1) conducting field operations such as soil and groundwater sampling; (2) conducting hydraulic conductivity and pump tests; (3) oversight of field operations such as monitoring well installation and contaminant delineation; (4) project management of small- and large-scale environmental remedial investigations for private sector clients, State of Michigan, State of Indiana, State of Ohio, State of Illinois, and U.S. EPA, including work plan development and implementation, budget preparation and tracking, and report preparation; (5) project management and work plan and report preparation of Phase II Environmental Site Assessments and associated Baseline Environmental Assessments (BEAs); (6) conducting underground storage tank (UST) closures to comply with MDEQ requirements.

Mr. Van Doren has approximately four years experience in hydrogeologic and remedial investigations, underground storage tank management, and environmental assessments. Mr. Van Doren has conducted numerous subsurface investigations to evaluate the presence and/or extent of soil and groundwater contamination. Information obtained during these investigations is typically used to evaluate environmental risk or to determine appropriate remedial options.

SUMMARY OF SELECTED PROJECTS

- (1) Project Hydrogeologist for subsurface investigations and BEAs for the Wayne County Brownfield Redevelopment Authority (WCBRA) and the Downriver Area Brownfield Consortium (DABC), as part of two U.S. EPA funded Brownfield Pilot programs. Responsibilities included coordinating and training staff in sampling protocols in accordance with the U.S. EPA Contract Laboratory Program, conducting site investigation activities, and management of subcontractors.
- (2) Project Hydrogeologist for a large-scale site investigation for the United States Army Corp of Engineers. Responsibilities included coordinating and training staff in sampling protocols in accordance with U.S. EPA and State of Ohio sampling protocols; installing monitoring wells; and groundwater sampling, soil sampling, data analysis, and report preparation.
- (3) Project Hydrogeologist of long term groundwater monitoring projects for former landfill sites in Allegan and Kent Counties, Michigan. Responsibilities included conducting groundwater sampling activities and providing technical data interpretation and reporting services to the client.

- (4) Project Hydrogeologist for supervising the cleanup of approximately 1,400 cubic yards of chromium contaminated soil. Responsibilities included negotiating work plan approach with environmental attorneys and Michigan Department of Environmental Quality, reviewing competitive bids, supervising soil removal, compliance with state requirements for transport and disposal of contaminated soil, and report preparation.

CERTIFICATIONS & TRAINING

Occupational Safety and Health Administration (OSHA) 40-hour Hazardous Waste Operations and Emergency Response (HAZWOPER), plus annual 8-hour updates



April 20, 2023

Daniel Hamel
Michigan Department of EGLE
Remediation and Redevelopment Division
Jackson District Office Building
301 E. Louis Glick Highway
Jackson, Michigan 49210

Re: **Gelman Quarterly Progress Report**
1st Quarter, 2023
January 1, 2023 to March 31, 2023

Dear Mr. Hamel:

Please find enclosed the Quarterly Progress Report for the period of January 1, 2023 to March 31, 2023.

Should you have any questions regarding this document, please contact me at 269-993-7585.

Sincerely,

FLEIS & VANDENBRINK

A handwritten signature in blue ink, appearing to read "Jim Brode".

Jim Brode, CPG
Senior Project Manager

4798 Campus Drive
Kalamazoo, MI 49008
P: 269.385.0011
F: 269.382.6972
www.fveng.com

GelmanSciences

1st Quarter, 2023

(January, February, March)

Table of Contents

Summary of activity during this quarter

Submittals/Responses

Anticipated activities for the next quarter

Quarterly Performance Analysis

Quarterly Influent Peroxide

Mass Reduction

Maps:

- 1,4-Dioxane Isoconcentration Map, Marshy Area – Peat (October 2022 – March 2023)
- Potentiometric Surface Map, Marshy Area – Peat (March 30, 2023)
- 1,4-Dioxane Isoconcentration Map, Marshy Area – Sand (October 2022 – March 2023)
- Potentiometric Surface Map, Marshy Area – Sand (March 30, 2023)
- 1,4-Dioxane Isoconcentration Map, Southwest Property (October 2022 – March 2023)
- Potentiometric Surface Map, Southwest Property (March 30, 2023)
- 1,4-Dioxane Isoconcentration Map, Units SW, C3, D0 & D2 (October 2022 – March 2023)
- 1,4-Dioxane Isoconcentration Map, Unit E & Deeper Units in the Park Road Area (October 2022 – March 2023)
- Potentiometric Surface Map, Units SW, C3, D0 & D2 (March 30, 2023)
- Potentiometric Surface Map, Units D2 & E (March 30, 2023)
- Potentiometric Surface Map, Unit E & Deeper Units in the Park Road Area (March 30, 2023)

Summary of Activity

CEB = Central Environmental Building
C3 = C3 aquifer
D2 = D2 aquifer
E = E aquifer
SW = Southwest Property Area
Maple = Maple Road

Treatment Activities

- 1/01/2023 - 01/05/2023 - TW-17 (E) was shut down for maintenance.
- 1/26/2023 - 01/31/2023 - TW-2 (Dolph) (C3) was shut down for maintenance.
- 1/31/2023 - TW22 (C3) was shut down for maintenance.
- 2/1/2023 - 2/3/2023 - TW-22 (C3) was down for maintenance.
- 2/1/2023 - 2/15/2023 - TW-10 (C3) was down for red pond level maintenance.
- 2/1/2023 - 2/28/2023 - TW-11 (E) was down for pond level maintenance.
- 2/6/2023 - 2/9/2023 - TW-28 (C3) was down for maintenance.
- 2/8/2023 - System 1A and System 2A were down for system maintenance.
- 2/8/2023 - 2/9/2023 - PW-1 (Marshy), and TW-18 (E) were down for maintenance.
- 2/8/2023 - 2/15/2023 - TW-17 (E) was down for pond level maintenance.
- 2/8/2023 - 2/16/2023 - TW-22 (C3) was down for red pond level maintenance.
- 2/15/2023 - 2/16/2023 - TW-29 (E) and TW-23 (E) were down due to internet outage Comcast.
- 2/16/2023 - 2/17/2023 - System 1A was down for system maintenance.
- 2/16/2023 - 2/26/2023 - TW-17 (E) was down for pond level maintenance.
- 2/16/2023 - 2/28/2023 - TW-10 (C3) was down for red pond level maintenance.
- 2/20/2023 - 2/27/2023 PW-1 (Marshy) was down due to a DTE power outage.
- 2/22/2023 - 2/26/2023 - TW-9 (D2) was down due to a DTE power outage.
- 2/22/2023 - 2/27/2023 - TW-24 (C3), TW-25 (C3), TW-5 (D2), System-1A, and System-2A were down due to a DTE power outage.
- 2/23/2023 - 2/26/2023 - TW-20 (C3) was down due to a DTE power outage.
- 2/23/2023 - 2/27/2023 - TW-21 (D2), LB-4 (D2), TW22 (C3), TW28 (C3), and TW-18 (E) were down due to a DTE power outage.
- 2/23/2023 - 2/28/2023 – TW-29 (E), and TW-23 (E) were down due to a DTE power outage.
- 3/1/2023 - TW-29 (E) was shut down for maintenance.
- 3/1/2023 - 3/2/2023 - TW-20 (C3) was shut down for maintenance.
- 3/1/2023 - 3/10/2023 - TW-11 (E) was shut down for maintenance.
- 3/1/2023 - 3/15/2023 - TW-1 (C3) was shut down for maintenance.
- 3/1/2023 - 3/31/2023 - TW-2 (Dolph) (C3) was shut down for maintenance.
- 3/2/2023 - 3/31/2023 - TW-10 (C3) was shut down for maintenance.
- 3/3/2023 - 3/4/2023 - TW-9 (D2), TW-5 (D2), TW-21 (D2), LB-4 (D2) , TW-20 (C3), PW-1 (Marshy), TW-22 (C3), TW-28 (C3), TW-17 (E), TW-18 (E), TW-29 (E), TW-23 (E), System-1A, and System-2A were down due to a DTE power outage.

- 3/3/2023 - 3/4/2023 - TW-25 (C3) was shut down for maintenance.
- 3/3/2023 - 3/16/2023 - TW-24 (C3) was shut down for maintenance.
- 3/9/2023 - 3/31/2023 - TW-17 (E) was shut down for maintenance.
- 3/15/2023 - 3/31/2023 - TW-11 (E) was shut down for maintenance.
- 3/16/2023 - 3/21/2023 - TW-5 (D2) was shut down for maintenance.
- 3/20/2023 - TW-9 (D2) was shut down for maintenance.
- 3/21/2023 - TW-25 (C3) was shut down for maintenance.
- 3/21/2023 - 3/31/2023 - TW-1 (C3) was shut down for maintenance.

Field Activities (not including routine operation and maintenance)

- None

Submittals/Responses

01/20/2023	Gelman submitted Discharge Monitoring Report (DMR) to EGLE Gelman submitted Monthly Monitoring Report (NPDES) to EGLE Gelman submitted 4th Quarter 2022 Report to EGLE
02/20/2023	Gelman submitted Discharge Monitoring Report (DMR) to EGLE Gelman submitted Monthly Monitoring Report (NPDES) to EGLE
03/20/2023	Gelman submitted Discharge Monitoring Report (DMR) to EGLE Gelman submitted Monthly Monitoring Report (NPDES) to EGLE

Anticipated Major Activities for the Next Quarter

- Valley/Rose Drive extraction, initial installations. Contingent upon approval of the consent judgement amendments and obtaining a license agreement from the City of Ann Arbor.

Quarterly Performance Analysis

For the months of January, February, and March 2023, over 297 pounds of 1,4-dioxane were removed and 77,724,402 gallons of water were extracted from the contaminated aquifers, treated, and discharged. The total mass of 1,4-dioxane removed since May 1997 is over 98,462 pounds and the total volume of water treated and discharged since May 1997 is over 9.5 billion gallons.

In general, the performance of the operation was as expected, purging, and treating contaminated groundwater to the existing allowable capacities.

QUARTERLY H₂O₂ INFLUENT	
3/1/2022	H₂O₂
Well Name	µg/l
LB-4	<50
TW-23	<50
TW-29	<50
TW-21	<50
TW-18	<50
TW-17	<50
TW-22	<50
TW-28	<50
TW-10	<50
TW-5	<50
TW-9	<50
TW-11	<50
TW-25	<50

Mass Reduction

MASS REDUCTION DETAIL BY AQUIFIER

January 1 - January 31, 2023

Extraction Well	Month To Date Gallons Extracted	Month To Date Average Daily Flow Rate GPM	Month To Date Average Daily Pounds Removed	Month To Date Pounds Removed	Month To Date Average Concentration ppb
C3					
TW-2 (Dolph)	1,213,078	27	0.033	1.0	100
TW-20	1,342,257	30	0.27	8.5	755
TW-24	1,010,909	23	0.46	14	1,700
TW-25	1,015,881	23	0.34	10	1,239
<i>Sub-Totals</i>	4,582,125	103	1.1	34	
Marshy					
PW-1	36,376	0.81	0.0094	0.29	955
<i>Sub-Totals</i>	36,376	0.81	0.0094	0.29	
E					
TW-17	460,406	10	0.0075	0.23	61
TW-18	4,586,030	103	0.26	8.0	210
TW-29	1,111,662	25	0.093	2.9	312
TW-23	3,356,352	75	0.33	10	361
<i>Sub-Totals</i>	9,514,450	213	0.69	21	
Southwest					
TW-28	969,627	22	0.15	4.7	580
TW-22	80,361	1.8	0.010	0.30	443
<i>Sub-Totals</i>	1,049,988	24	0.16	5.0	
D2					
LB-4	4,470,718	100	0.54	17	447
TW-5	2,212,834	50	0.30	9.3	503
TW-9	2,246,557	50	0.18	5.7	302
TW-21	4,465,772	100	0.25	7.7	206
<i>Sub-Totals</i>	13,395,881	300	1.3	39	
Overall Totals	28,578,820	640	3.2	100	

MASS REDUCTION DETAIL BY AQUIFIER

February 1 - February 28, 2023

Extraction Well	Month To Date Gallons Extracted	Month To Date Average Daily Flow Rate GPM	Month To Date Average Daily Pounds Removed	Month To Date Pounds Removed	Month To Date Average Concentration ppb
C3					
TW-10	55,074	1.4	0.0089	0.25	457
TW-20	966,837	24	0.25	6.9	861
TW-24	1,190,678	30	0.68	19	1,936
TW-25	1,188,643	29	0.48	13	1,357
<i>Sub-Totals</i>	3,401,232	84	1.4	40	
Marshy					
PW-1	36,130	0.90	0.010	0.29	937
<i>Sub-Totals</i>	36,130	0.90	0.010	0.29	
E					
TW-11	14,228	0.35	0.00	0.017	140
TW-17	572,936	14	0.013	0.36	77
TW-18	3,405,669	84	0.24	6.8	241
TW-29	769,694	19	0.082	2.3	363
TW-23	2,368,358	59	0.28	7.9	404
<i>Sub-Totals</i>	7,130,885	177	0.62	17	
Southwest					
TW-28	704,741	17	0.12	3.4	580
TW-22	39,269	1.0	0.0058	0.16	501
<i>Sub-Totals</i>	744,010	18	0.13	3.6	
D2					
LB-4	3,373,206	84	0.50	14	501
TW-5	1,835,306	46	0.34	9.7	645
TW-9	1,772,403	44	0.20	5.6	384
TW-21	3,452,611	86	0.24	6.7	234
<i>Sub-Totals</i>	10,433,526	259	1.29	36	
Overall Totals	21,745,783	539	3.5	97	

MASS REDUCTION DETAIL BY AQUIFER

March 1 - March 31, 2022

	Extraction Well	Month To Date Gallons Extracted	Month To Date Average Daily Flow Rate GPM	Month To Date Average Daily Pounds Removed	Month To Date Pounds Removed	Month To Date Average Concentration ppb
C3						
	TW-1	421,669	9.4	0.00	0.15	44.0
	TW-2 (Dolph)	52,520	1.2	0.0018	0.057	130
	TW-3	38	0.00	0.00	0.00	38
	TW-10	9,956	0.22	0.0018	0.055	660
	TW-20	1,230,921	28	0.25	7.6	745
	TW-24	913,905	20	0.44	14	1,800
	TW-25	1,345,281	30	0.40	12	1,100
	<i>Sub-Totals</i>	3,974,290	89	1.1	34	
Marshy						
	PW-1	8,920	0.20	0.0019	0.059	790
	<i>Sub-Totals</i>	8,920	0.20	0.0019	0.059	
E						
	TW-11	444,406	10	0.017	0.52	140
	TW-17	519,208	12	0.0092	0.29	66
	TW-18	4,466,025	100	0.26	8.2	220
	TW-29	1,067,231	24	0.083	2.6	290
	TW-23	3,270,690	73	0.29	9.0	330
	<i>Sub-Totals</i>	9,767,560	219	0.66	21	
Southwest						
	TW-28	1,061,557	24	0.15	4.7	530
	TW-22	97,013	2.2	0.0091	0.28	350
	<i>Sub-Totals</i>	1,158,570	26	0.16	5.0	
D2						
	LB-4	4,355,855	98	0.53	16	450
	TW-5	1,958,629	44	0.31	9.7	591
	TW-9	2,326,682	52	0.23	7.0	360
	TW-21	4,349,817	97	0.25	7.6	210
	<i>Sub-Totals</i>	12,990,983	291	1.3	41	
Overall Totals		27,900,323	625	3.2	100	

MASS REDUCTION SUMMARY
Mass Removed Per Month (lb)

A	B	C	D	E	F	G
Month	Mass Removed from Unit E Only	Mass Removed from Southwest Only	Mass Removed from Marshy Only	Mass Removed from Units C3 and D2 Only	Mass Removed from Unit D0	Total Mass Removed from Units E, D2, C3, D0, Southwest and Marshy
Aug-00	0	0	8	366		374
Sep-00	0	0	9	332		341
Oct-00	0	5	9	583		597
Nov-00	0	3	12	1160		1175
Dec-00	0	0	10	1040		1050
Jan-01	0	0	7	816		823
Feb-01	0	0	7	1056		1063
Mar-01	0	0	11	1379		1390
Apr-01	0	0	9	1140		1149
May-01	0	1	8	990		999
Jun-01	0	2	8	933		943
Jul-01	0	2	10	1121		1133
Aug-01	0	2	13	1018		1033
Sep-01	0	1	9	909		919
Oct-01	0	5	8	896		909
Nov-01	0	4	5	827		836
Dec-01	0	6	4	768		778
Jan-02	0	6	5	753		764
Feb-02	0	4	6	691		701
Mar-02	0	7	7	663		677
Apr-02	0	6	7	682		695
May-02	100	9	7	898		1014
Jun-02	94	9	6	889		998
Jul-02	56	10	7	640		713
Aug-02	53	8	6	745		812
Sep-02	51	8	6	860		925
Oct-02	33	6	4	603		646
Nov-02	57	8	5	880		950
Dec-02	48	9	5	842		904
Jan-03	45	8	6	839		898
Feb-03	37	6	6	767		816
Mar-03	44	8	7	763		822
Apr-03	39	8	3	716		766
May-03	36	13	5	725		779
Jun-03	34	15	5	683		737
Jul-03	29	15	5	678		727
Aug-03	31	15	6	676		728
Sep-03	27	16	5	644		692
Oct-03	34	17	5	701		757
Nov-03	26	12	5	663		706
Dec-03	29	14	6	635		684
Jan-04	28	15	6	667		716
Feb-04	8	11	5	485		509
Mar-04	23	14	7	573		617
Apr-04	27	15	6	537		585
May-04	16	10	5	439		470
Jun-04	21	11	5	499		536
Jul-04	36	12	5	506		559

MASS REDUCTION SUMMARY
Mass Removed Per Month (lb)

A	B	C	D	E	F	G
Month	Mass Removed from Unit E Only	Mass Removed from Southwest Only	Mass Removed from Marshy Only	Mass Removed from Units C3 and D2 Only	Mass Removed from Unit D0	Total Mass Removed from Units E, D2, C3, D0, Southwest and Marshy
Aug-04	54	12	5	480		551
Sep-04	34	9	5	382		430
Oct-04	30	10	5	358		403
Nov-04	30	9	5	395		439
Dec-04	33	11	5	442		491
Jan-05	29	11	4	404		448
Feb-05	26	9	4	390		429
Mar-05	27	9	4	409		450
Apr-05	33	4	3	396		436
May-05	27	8	2	364		401
Jun-05	31	9	3	361		404
Jul-05	31	8	1	279		319
Aug-05	12	6	2	275		295
Sep-05	13	8	2	327		350
Oct-05	16	6	3	297		322
Nov-05	13	7	4	291		315
Dec-05	12	8	4	325		349
Jan-06	115	7	3	308		433
Feb-06	144	7	3	290		444
Mar-06	148	8	3	331		490
Apr-06	125	7	3	291		426
May-06	137	9	3	402		551
Jun-06	119	5	2	329		456
Jul-06	107	8	3	310		427
Aug-06	104	8	2	307		421
Sep-06	97	9	3	300		409
Oct-06	93	9	3	327		432
Nov-06	80	7	2	268		357
Dec-06	68	6	2	238		314
Jan-07	91	8	2	305		406
Feb-07	84	8	2	284		378
Mar-07	91	8	3	306		408
Apr-07	84	8	2	280		374
May-07	82	8	2	288		380
Jun-07	81	8	2	279		370
Jul-07	66	8	2	256		332
Aug-07	73	8	2	270		353
Sep-07	77	8	2	247		334
Oct-07	73	8	2	244		327
Nov-07	68	8	2	263		341
Dec-07	69	8	2	260		339
Jan-08	65	7	2	237		311
Feb-08	53	6	2	203		264
Mar-08	56	7	2	220		285
Apr-08	54	7	2	200		263
May-08	55	7	2	206		270
Jun-08	52	6	2	195		256
Jul-08	39	1	2	139		181

MASS REDUCTION SUMMARY
Mass Removed Per Month (lb)

A	B	C	D	E	F	G
Month	Mass Removed from Unit E Only	Mass Removed from Southwest Only	Mass Removed from Marshy Only	Mass Removed from Units C3 and D2 Only	Mass Removed from Unit D0	Total Mass Removed from Units E, D2, C3, D0, Southwest and Marshy
Aug-08	50	7	2	198		256
Sep-08	43	5	2	177		227
Oct-08	45	5	2	187		239
Nov-08	45	7	2	197		251
Dec-08	45	5	2	187		239
Jan-09	39	8	2	124		173
Feb-09	34	8	2	122		164
Mar-09	35	8	2	122		166
Apr-09	32	6	1	119		158
May-09	45	7	2	201		254
Jun-09	39	5	1	157		202
Jul-09	38	5	1	152		196
Aug-09	39	7	2	202		250
Sep-09	36	6	2	223		267
Oct-09	36	8	2	206		251
Nov-09	32	7	1	167		208
Dec-09	32	8	1	171		212
Jan-10	34	8	1	175		219
Feb-10	30	7	1	161		198
Mar-10	33	7	1	173		214
Apr-10	33	7	1	175		216
May-10	33	7	1	176		217
Jun-10	29	6	1	130		165
Jul-10	20	7	1	171		200
Aug-10	23	7	1	188		220
Sep-10	21	6	1	148		177
Oct-10	24	7	2	185		218
Nov-10	18	6	2	151		176
Dec-10	26	6	2	164		198
Jan-11	25	6	2	163		195
Feb-11	25	7	2	165		198
Mar-11	27	8	2	174		209
Apr-11	22	6	1	143		171
May-11	20	5	1	138		164
Jun-11	17	5	1	104		127
Jul-11	15	4	1	92		112
Aug-11	14	2	1	80		97
Sep-11	16	6	1	98		121
Oct-11	17	6	1	113		137
Nov-11	33	6	1	105		145
Dec-11	45	6	1	98		150
Jan-12	46	6	1	103		156
Feb-12	40	5	1	89		135
Mar-12	43	5	1	94	0.017	142
Apr-12	47	6	1	105	0.000	159
May-12	47	6	1	100	0.000	154
Jun-12	42	6	0.3	99	0.029	148
Jul-12	30	6	0.1	102	0.000	138

MASS REDUCTION SUMMARY
Mass Removed Per Month (lb)

A	B	C	D	E	F	G
Month	Mass Removed from Unit E Only	Mass Removed from Southwest Only	Mass Removed from Marshy Only	Mass Removed from Units C3 and D2 Only	Mass Removed from Unit D0	Total Mass Removed from Units E, D2, C3, D0, Southwest and Marshy
Aug-12	29	6	0.0	75	0.000	109
Sep-12	32	5	0.1	62	0.029	100
Oct-12	27	5	0.0	57	0.000	88
Nov-12	33	4	0.0	62	0.000	99
Dec-12	31	3	0.0	52	0.020	86
Jan-13	46	3	0.0	54	0.000	103
Feb-13	46	3	0.0	47	0.000	95
Mar-13	53	3	0.0	53	0.029	109
Apr-13	46	5	0.1	61	0.000	113
May-13	57	8	1.0	60	0.000	126
Jun-13	43	7	0.7	52	0.029	102
Jul-13	57	9	0.9	61	0.000	128
Aug-13	48	7	0.8	63	0.000	120
Sep-13	46	7	0.6	60	0.023	113
Oct-13	46	7	0.8	61	0.000	115
Nov-13	52	7	0.7	57	0.000	117
Dec-13	57	8	1.0	72	0.026	138
Jan-14	47	8	0.7	66	0.000	122
Feb-14	37	7	0.4	48	0.000	92
Mar-14	42	6	0.5	58	0.025	107
Apr-14	44	6	0.4	58	0.000	108
May-14	46	6	0.4	61	0.000	113
Jun-14	38	5	0.3	34	0.019	77
Jul-14	41	4	0.3	32	0.000	78
Aug-14	42	4	0.4	33	0.000	79
Sep-14	39	3	0.3	33	0.020	76
Oct-14	42	3	0.3	33	0.000	79
Nov-14	46	3	0.3	33	0.000	82
Dec-14	50	3	0.3	37	0.000	90
Jan-15	45	2	0.3	32	0.016	80
Feb-15	41	2	0.3	28	0.000	72
Mar-15	46	2	0.5	29	0.027	77
Apr-15	49	2	0.4	29	0.000	80
May-15	47	3	0.3	29	0.000	79
Jun-15	42	5	0.3	33	0.019	81
Jul-15	38	6	0.4	30	0.000	74
Aug-15	44	7	0.7	34	0.000	86
Sep-15	42	7	1.2	33	0.013	82
Oct-15	46	6	1.0	34	0.000	88
Nov-15	46	6	1.3	35	0.000	88
Dec-15	44	5	1.1	35	0.018	85
Jan-16	46	4	1.1	33	0.000	84
Feb-16	43	4	0.8	27	0.000	74
Mar-16	41	6	0.6	33	0.016	80
Apr-16	41	7	0.1	33	0.000	82
May-16	45	7	0.0	36	0.000	87
Jun-16	44	7	0.1	34	0.018	85
Jul-16	44	7	0.4	36	0.000	88

MASS REDUCTION SUMMARY
Mass Removed Per Month (lb)

A	B	C	D	E	F	G
Month	Mass Removed from Unit E Only	Mass Removed from Southwest Only	Mass Removed from Marshy Only	Mass Removed from Units C3 and D2 Only	Mass Removed from Unit D0	Total Mass Removed from Units E, D2, C3, D0, Southwest and Marshy
Aug-16	42	7	0.1	34	0.000	83
Sep-16	38	5	0.9	32	0.021	77
Oct-16	40	5	0.9	31	0.000	77
Nov-16	41	6	0.1	33	0.000	79
Dec-16	43	6	0.2	33	0.017	82
Jan-17	44	6	0.8	36	0.000	87
Feb-17	36	5	0.6	29	0.000	71
Mar-17	39	5	0.6	33	0.017	78
Apr-17	34	5	0.3	31	0.000	70
May-17	32	5	0.5	27	0.000	64
Jun-17	31	4	0.3	26	0.018	61
Jul-17	32	5	0.1	36	0.000	73
Aug-17	29	6	0.0	37	0.000	71
Sep-17	31	5	0.0	27	0.033	63
Oct-17	36	4	0.2	28	0.000	67
Nov-17	34	5	0.7	28	0.000	68
Dec-17	32	5	0.8	28	0.020	65
Jan-18	36	6	0.9	32	0.000	75
Feb-18	28	4	0.5	26	0.000	59
Mar-18	37	4	0.6	34	0.019	75
Apr-18	33	4	0.7	31	0.000	68
May-18	36	4	0.5	35	0.000	75
Jun-18	33	4	0.4	32	0.016	70
Jul-18	33	4	0.3	32	0.000	69
Aug-18	31	4	0.4	33	0.000	68
Sep-18	33	3	0.5	34	0.020	71
Oct-18	39	3	0.6	34	0.000	77
Nov-18	32	3	0.6	33	0.000	69
Dec-18	37	0.8	0.6	35	0.021	73
Jan-19	36	4	0.6	37	0.000	77
Feb-19	26	5	0.4	27	0.000	59
Mar-19	28	6	0.3	31	0.009	65
Apr-19	31	7	0.4	32	0.000	70
May-19	30	6	0.2	33	0.000	70
Jun-19	27	5	0.1	28	0.019	61
Jul-19	33	8	0.2	30	0.000	71
Aug-19	39	8	0.3	31	0.000	78
Sep-19	33	8	0.4	29	0.021	70
Oct-19	33	6	0.0	29	0.000	68
Nov-19	33	6	0.2	27	0.000	67
Dec-19	33	6	0.5	29	0.018	68
Jan-20	25	5	0.4	43	0.000	73
Feb-20	27	7	0.5	31	0.000	65
Mar-20	29	6	0.4	31	0.015	66
Apr-20	28	6	0.3	29	0	63
May-20	28	7	0.3	32	0	68
Jun-20	29	6	0.2	31	0.018	66
Jul-20	33	5	0.2	33	0	71

MASS REDUCTION SUMMARY
Mass Removed Per Month (lb)

A	B	C	D	E	F	G
Month	Mass Removed from Unit E Only	Mass Removed from Southwest Only	Mass Removed from Marshy Only	Mass Removed from Units C3 and D2 Only	Mass Removed from Unit D0	Total Mass Removed from Units E, D2, C3, D0, Southwest and Marshy
Aug-20	33	6	0.2	28	0	67
Sep-20	28	6	0.2	29	0.013	63
Oct-20	32	7	0.3	31	0	70
Nov-20	35	7	0.3	31	0	73
Dec-20	31	6	0.3	24	0.014	61
Jan-21	30	6	0.3	28	0.000	64
Feb-21	27	6	0.3	28	0.000	61
Mar-21	27	6	0.3	26	0.012	60
Apr-21	27	8	0.2	29	0.000	65
May-21	25	7	0.3	36	0.000	68
Jun-21	24	6	1.1	37	0.006	68
Jul-21	23	6	0.9	36	0.000	66
Aug-21	16	4	0.3	31	0.000	52
Sep-21	20	6	0.5	30	0.014	57
Oct-21	23	6	0.5	43	0.000	73
Nov-21	22	6	0.5	39	0.000	67
Dec-21	23	6	0.6	36	0.000	66
Jan-22	21	6	0.3	74	0.000	100
Feb-22	22	6	0.7	49	0.000	78
Mar-22	25	6	0.7	64	0.000	95
Apr-22	24	5	0.0	81	0.000	110
May-22	23	5	0.3	74	0.000	102
Jun-22	21	5	0.5	52	0.000	79
Jul-22	22	6	0.4	72	0.000	100
Aug-22	21	5	0.4	71	0.000	97
Sep-22	20	5	0.4	61	0.000	87
Oct-22	22	6	0.4	80	0.000	109
Nov-22	21	6	0.4	74	0.000	100
Dec-22	20	5	0.4	67	0.000	94
Jan-23	21	5	0.3	74	0.000	100
Feb-23	17	4	0.3	76	0.000	97
Mar-23	21	5	0.1	75	0.000	100
Total to date	10186	1697	571	63555	1	76004

Maps

GUIDANCE FOR SELECTING GROUNDWATER SAMPLING FREQUENCIES FOR THE GELMAN SCIENCES LLC. SITE

BACKGROUND

Gelman Sciences LLC. (Gelman) routinely collects data to monitor 1,4-dioxane concentrations in groundwater in the vicinity of its former manufacturing facility on Wagner Road in Scio Township, Washtenaw County, Michigan (Site). Groundwater samples are used to track 1,4-dioxane concentrations in the groundwater in order to compare the data to the various compliance objectives of the Fourth Amended and Restated Consent Judgment (CJ or Consent Judgment) and monitor the effectiveness of various remedial systems. Water level data collected by Gelman are used to monitor the flow of groundwater and water level trends.

Historically, groundwater monitoring plans were developed in cooperation with the Michigan Department of Environment, Great Lakes and Energy (EGLE) based on the collective professional judgment of EGLE and Gelman technical staffs. There are currently three (3) monitoring plans that detail Gelman's groundwater monitoring program. These plans are: the Eastern Area System Monitoring Plan, the Western Area System Monitoring Plan, and the Little Lake System Monitoring Plan. Each of these plans has been approved by EGLE and are used by Gelman and EGLE as the basis for determining which wells are to be monitored and their respective sampling frequencies.

EGLE and Gelman have worked to develop the protocols set forth in this guidance to establish consistent procedures for groundwater trend analyses that will drive the professional judgments that go into designing groundwater monitoring plans. The goals of this jointly developed "smart monitoring" approach are to:

- 1) Provide a systematic, transparent, and scientifically based method to categorize monitoring wells and their monitoring frequencies.
- 2) Provide for a more efficient approach to monitoring the plumes and Gelman's compliance with the Consent Judgment.
- 3) Optimizing how monitoring data are collected and promote consistency in groundwater monitoring frequencies across monitoring well categories.
- 4) Provide the necessary data to optimize groundwater remediation efforts.

Optimization of long-term monitoring data has become common at Superfund Sites where voluminous amounts data are collected, including Michigan Superfund Sites. Examples of such efforts have been the subject of several reports by the USEPA. Some of these reports can be viewed at the following link:

<https://frtr.gov/optimization/monitoring/ltn.htm>.

It is important to recognize that each site has its unique characteristics and history that must be considered when developing groundwater monitoring guidelines.

GUIDANCE FOR SELECTING GROUNDWATER MONITORING FREQUENCIES

This guidance is based on two key elements: well purpose/type, and 1,4-dioxane trends.

WELL PURPOSE/TYPE - CATEGORIES

- Internal Plume
- Compliance
- Key Predictor
- Distal
- Sentinel

- PZ Boundary
- Extraction – Operating
- Extraction – Non-Operating
- Other
- New

Internal Plume wells are monitoring wells located within existing 1,4-dioxane plume boundaries that are not located near compliance boundaries and not relied upon to predict/determine compliance with the “Non-Expansion” requirement or whether the plumes will continue to migrate within the boundaries of the Prohibition Zone (PZ).

Compliance wells are monitoring wells that are specifically relied upon to determine compliance with the “Non-Expansion” requirements of the CJ in the Western Area.

Key Predictor wells are monitoring wells located near (typically hydraulically-upgradient of), a compliance or distal/sentinel well and are used to evaluate and forecast potential 1,4-dioxane trend changes in key compliance areas. These wells may also include wells that have historical significance.

Distal wells are monitoring wells located outside or on the far reaches of compliance area boundaries and used to monitor conditions in areas (or aquifers) either not known to be contaminated or in areas that are interpreted to be below EGLE Drinking Water Criterion for 1,4-dioxane.

Sentinel wells are specifically associated with monitoring of the PZ in the Evergreen area.

PZ Boundary wells are positioned within or on the PZ boundary and are used to confirm the plumes are within the PZ.

Extraction wells are monitored to evaluate the effectiveness of remedial operations.

Other wells are those that are generally not routinely monitored. Such wells are typically not providing important decision-making data yet may provide some future value and have not been plugged.

New Wells are those installed by Gelman for the purpose of routine groundwater monitoring.

1,4-DIOXANE TREND CATEGORIES

Gelman has collected thousands of samples from monitoring wells and other wells. As such, many wells have a significant history that can be used to understand overall 1,4-dioxane trends at a given location. Not more frequent than every three years, Gelman will evaluate the trends at a given well using a Mann-Kendall trend test. The Mann-Kendall trend test is a nonparametric statistical method that is well suited for analyzing trends in data over time. The analysis will use basic statistical methods to determine if the overall 1,4-dioxane concentration trend *is increasing, decreasing, stable* or *no trend*. One advantage of the Mann-Kendall test is that it does not require any assumptions about the statistical distribution of the data. In addition, the test can be conducted on wells with any sampling frequency and with missing data, as long as the data set includes between 10 and 40 data points. The Mann-Kendall method can also be used where concentrations are below detection limits.

The Mann-Kendall trend test will be based on the last 10 years of 1,4-dioxane concentration data for each regularly monitored well, which would equate to a sample size of 40 for wells that are monitored quarterly. If multiple sample results are available for a well during the same quarter, the concentrations will be averaged and considered as one data point for that quarter. The 10-year period will be determined by taking the date of the last sample collected and subtracting 10 years. If the dataset does not go back 10 years, the entire existing data set will be utilized. If the 10-year sample size exceeds the limits of the statistical method of 40 data points, the 40 most recent data points will be used.

Gelman may choose to look at historic data trends to gain a longer-term perspective of trends, but most weight will be given to the last (4) consecutive samples.

GROUNDWATER MONITORING FREQUENCY DETERMINATION

Gelman will categorize each well in its monitoring plans using the following guidance. Moving forward, Gelman and EGLE will review the monitoring plans every three years. This will involve performing a statistical analysis of the data and using this guidance document to establish draft monitoring plan changes. Once there is agreement between EGLE and Gelman on the changes, the monitoring plan will be updated and implemented.

Internal Plume

Increasing Trend	Semi-Annual
Decreasing Trend	Annual
Stable or No Trend	Annual

Compliance

Refer to CJ Protocols

Key Predictor

Increasing Trend	Quarterly
Decreasing Trend	Semi-Quarterly
Stable or No Trend	Quarterly

Distal

Increasing Trend	Semi-Annual
Decreasing Trend	Annual
Stable or No Trend	Annual

Sentinel

Refer to CJ Protocols

PZ Boundary

Refer to CJ Protocols

Extraction Wells

If Operating	Monthly
If Not Operating	No specific monitoring frequency

Other

No specific monitoring frequency

Newly Installed Wells

Quarterly for one year after installation. After one year, base frequency on well category and 1,4-dioxane concentration trend at well location (in accordance with this guidance)

DISCONTINUING A MONITORING POINT

In some cases, a well that is monitored no longer serves a purpose. Examples include, but are not limited to:

- The well may not be monitoring a portion of the groundwater system that is relevant;
- 1,4-dioxane concentrations at the well have been non-detect for years and the well is not in the plume pathway; or
- There is redundancy with other wells.

Gelman may propose to eliminate a monitoring point and will provide EGLE with justification for the change. In most cases, these monitoring locations will be given the sampling frequency designation of “random”,

meaning that groundwater samples would be collected from the well on random/non-routine basis at the discretion of Gelman or upon request by EGLE. Alternatively, Gelman may propose to properly plug the well.

Wells may also become unavailable due to termination of access to the well, damage to the well, or unintended/unplanned plugging of the well. In these cases, Gelman will discuss the need for well replacement with EGLE.

QUALITY ASSURANCE/QUALITY CONTROL

Monitoring will be done in accordance with methods described in the latest version of the Gelman Quality Assurance Project Plan.

REFERENCES

- Aziz, J.J., M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales. 2003. MAROS: A decision support system for optimizing monitoring plans. *Groundwater* 41, no. 3: 355–367.
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- Kendall, M. G. 1955. *Rank Correlation Methods*. Griffin, London.
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- U.S. EPA. 2009. *Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities Unified Guidance*. U.S. Environmental Protection Agency, Office of Resource Conservation and Recovery, Washington, DC. EPA 530-R-09-007.

- Key Predictor Well**
★ Internal Plume Well
● Extraction Well
● Proposed Extraction Well
● Monitoring Well
● Production Well
● Current/Former Drinking Water Well
● Observation Well
● Plugged/Abandoned Well
- Horizontal Well**
— (Abandoned)
— Unit C3 & SW Property
— Unit D0
— Unit D2
— Unit D2 (Area of Deep Migration)
— Unit E
- Other Well**
★ Artesian Well
● Extraction Well
● Monitoring Well
● Production Well
● Current/Former Drinking Water Well
● Observation Well
● Plugged/Abandoned Well

**Eastern Area
Sampling Purpose Categories**

Gelman Sciences, Scio Twp., Washtenaw County, Michigan

DRAWN BY MGV	DATE 7/14/2023
PROJECT NO. 806500	SCALE 1:6,750
FILE LOCATION M:\Projects\2019-2020\806500_Plan_Corridor_April2023_Eastern Area Characterization Monitoring Plan - Updated 07/14/2023	
SOURCES FWS Washtenaw County, Michigan Open Data, Gelman Sciences, Inc.	

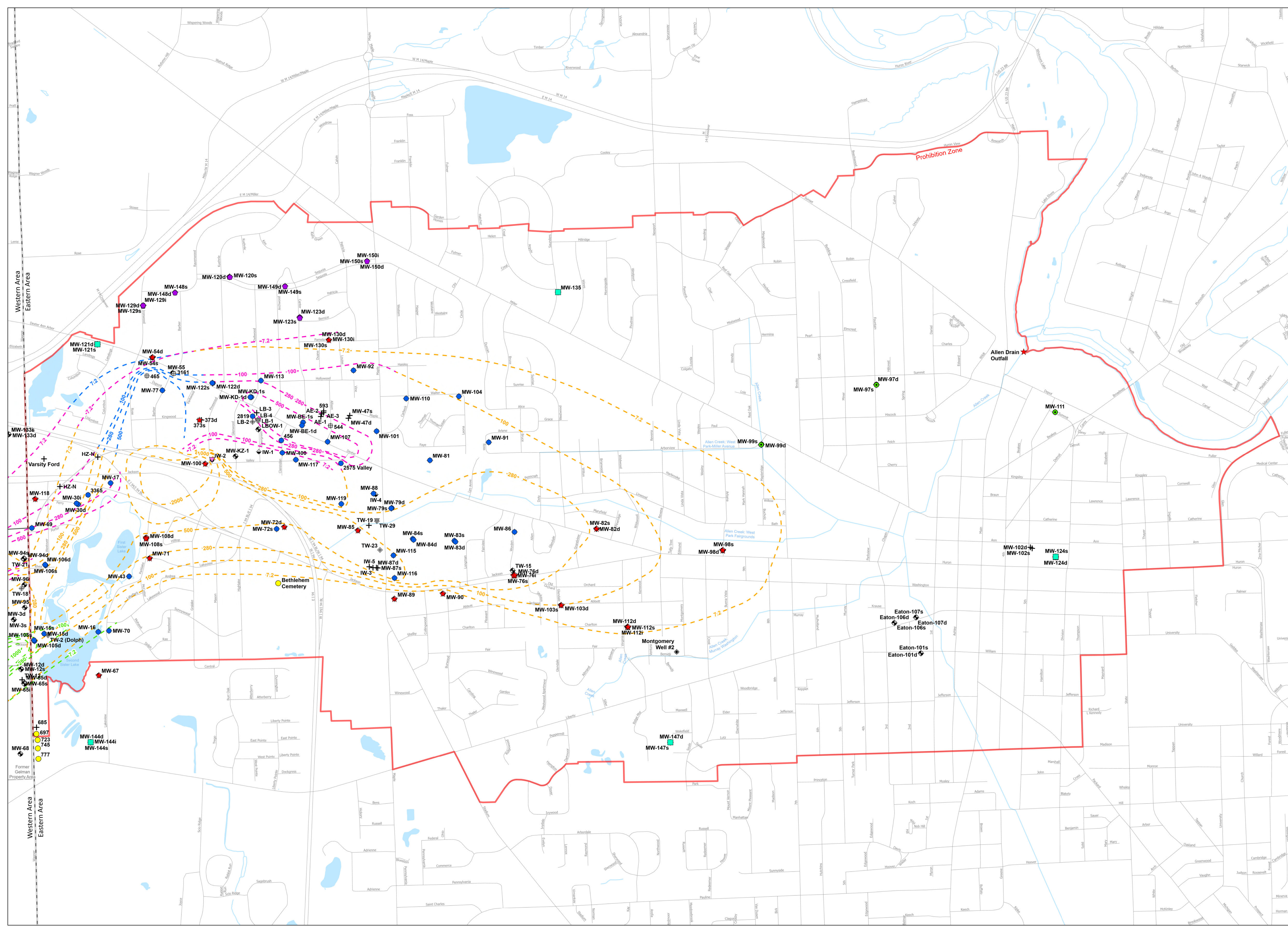
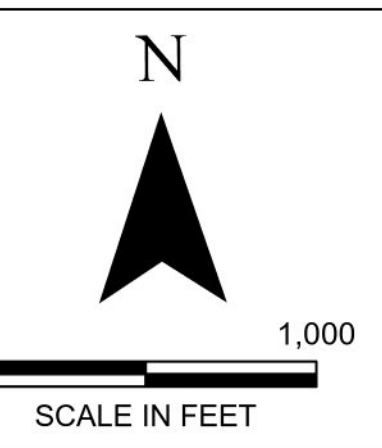


Table 1 - Gelman Sciences LLC. - Proposed Amended Eastern Area System Monitoring Plan

Current EGLE-Approved Eastern Area System Monitoring Plan - December 2011

Well Name	Aquifer	Purpose	December 2011 EGLE Approved Groundwater Sampling Frequency	December 2011 EGLE Approved Water Level Measurement Frequency	Current Status of Well
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Proposed Amended Eastern Area System Monitoring Plan - July 2023

Well Name	Proposed Category	Mann-Kendall Analysis Trend (10 year)	Proposed Groundwater Sampling Frequency	Proposed Water Level Monitoring Frequency
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Bold - Identified in Fourth Amended and Restated Consent Judgment (CJ)

2023 Frequency Codes:

M = Monthly

M* = Monthly When Operating, otherwise annual (or noted)

SA = Semi-Annually

A = Annually

R = Randomly

O = No longer sample (statics if applicable)

NM = Not Measured

NA = Not analyzed

Q = Quarterly

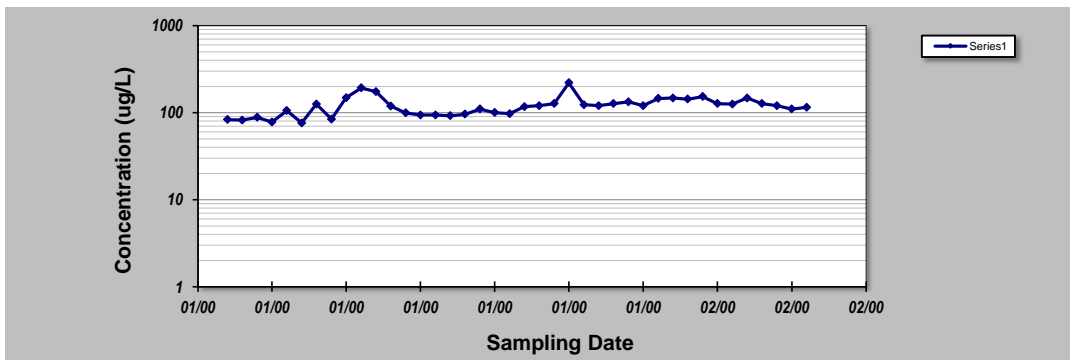
GSI = Groundwater Surface Water Interface

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: June 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **TW-1 (DOLPH)**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)				
1	1-Apr-13	83				
2	1-Jul-13	82				
3	31-Oct-13	88				
4	7-Jan-14	78				
5	2-Apr-14	105				
6	1-Jul-14	76				
7	6-Oct-14	125				
8	2-Jan-15	84				
9	1-Apr-15	148				
10	1-Jul-15	192				
11	1-Oct-15	174				
12	4-Jan-16	119				
13	4-Apr-16	99				
14	6-Jul-16	94				
15	3-Oct-16	94				
16	3-Jan-17	92				
17	10-Apr-17	96				
18	10-Jul-17	110				
19	2-Oct-17	100				
20	8-Jan-18	97				
21	2-Apr-18	117				
22	10-Jul-18	120				
23	3-Oct-18	127				
24	7-Jan-19	220				
25	3-Apr-19	123				
26	2-Jul-19	120				
27	2-Oct-19	127				
28	3-Jan-20	133				
29	2-Apr-20	120				
30	13-Jul-20	145				
31	6-Oct-20	147				
32	7-Jan-21	143				
33	7-Apr-21	153				
34	9-Jul-21	127				
35	12-Oct-21	125				
36	13-Jan-22	147				
37	18-Apr-22	127				
38	22-Aug-22	120				
39	11-Oct-22	110				
40	13-Jan-23	115				
Coefficient of Variation:	0.25					
Mann-Kendall Statistic (S):	300					
Confidence Factor:	>99.9%					
Concentration Trend:	Increasing					



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

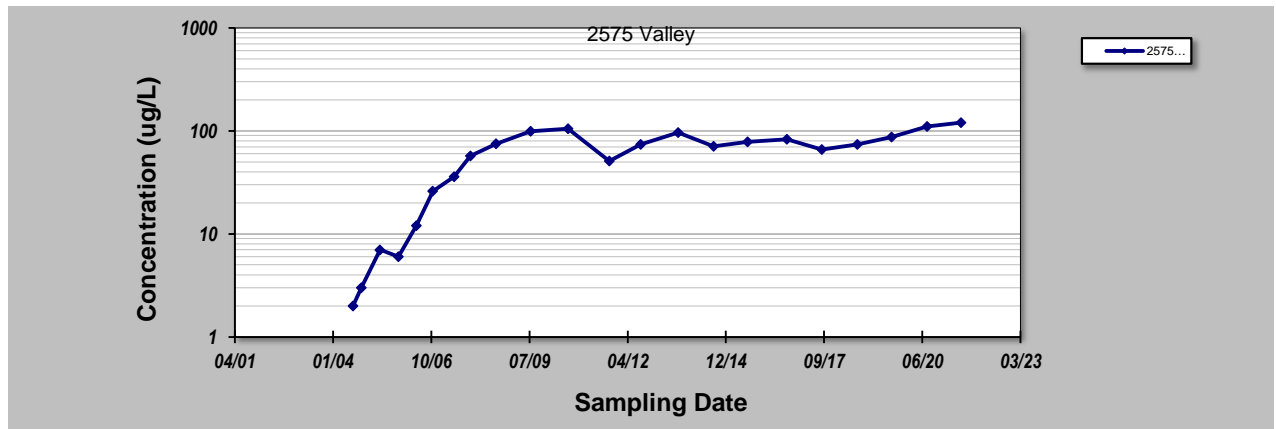
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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: **June 2023** Job ID: **806500**
 Facility Name: **Gelman Corporation** Constituent: **1,4-Dioxane**
 Conducted By: **Nicholas M Moleski** Concentration Units: **ug/L**

Sampling Point ID: **2575 Valley**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)						
1	5-Aug-04	2						
2	27-Oct-04	3						
3	6-May-05	7						
4	10-Nov-05	6						
5	11-May-06	12						
6	26-Oct-06	26						
7	30-May-07	36						
8	12-Nov-07	57						
9	1-Aug-08	75						
10	16-Jul-09	99						
11	3-Aug-10	105						
12	28-Sep-11	51						
13	10-Aug-12	74						
14	26-Aug-13	96						
15	25-Aug-14	71						
16	4-Aug-15	78						
17	9-Sep-16	83						
18	29-Aug-17	66						
19	27-Aug-18	74						
20	8-Aug-19	87						
21	6-Aug-20	110						
22	15-Jul-21	120						
23								
24								
25								
Coefficient of Variation:		0.62						
Mann-Kendall Statistic (S):		154						
Confidence Factor:		>99.9%						
Concentration Trend:		Increasing						



Notes:

- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
- Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
- Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

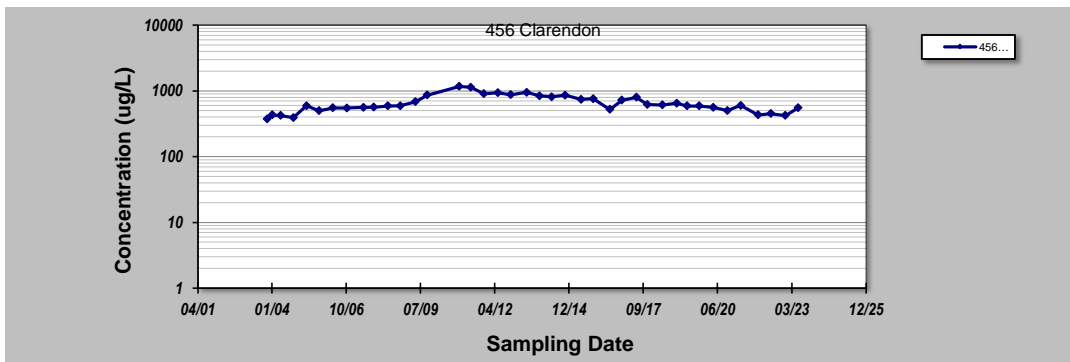
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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: June 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **456 Clarendon**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	11-Nov-03	374					
2	19-Jan-04	430					
3	7-May-04	420					
4	28-Oct-04	391					
5	21-Apr-05	593					
6	10-Oct-05	498					
7	11-Apr-06	550					
8	17-Oct-06	549					
9	1-Jun-07	560					
10	15-Oct-07	562					
11	22-Apr-08	590					
12	8-Oct-08	594					
13	27-Apr-09	681					
14	6-Oct-09	865					
15	8-Dec-10	1168					
16	12-May-11	1134					
17	8-Nov-11	900					
18	14-May-12	937					
19	2-Nov-12	870					
20	4-Jun-13	950					
21	25-Nov-13	840					
22	7-May-14	810					
23	5-Nov-14	860					
24	9-Jun-15	740					
25	19-Nov-15	760					
26	30-Jun-16	520					
27	8-Dec-16	720					
28	22-Jun-17	800					
29	17-Nov-17	620					
30	5-Jun-18	610					
31	18-Dec-18	650					
32	3-May-19	590					
33	16-Oct-19	590					
34	22-Apr-20	560					
35	28-Oct-20	500					
36	27-Apr-21	600					
37	15-Dec-21	430					
38	6-Jun-22	450					
39	19-Dec-22	420					
40	7-Jun-23	550					
Coefficient of Variation:		0.30					
Mann-Kendall Statistic (S):		-3					
Confidence Factor:		51.0%					
Concentration Trend:		Stable					



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

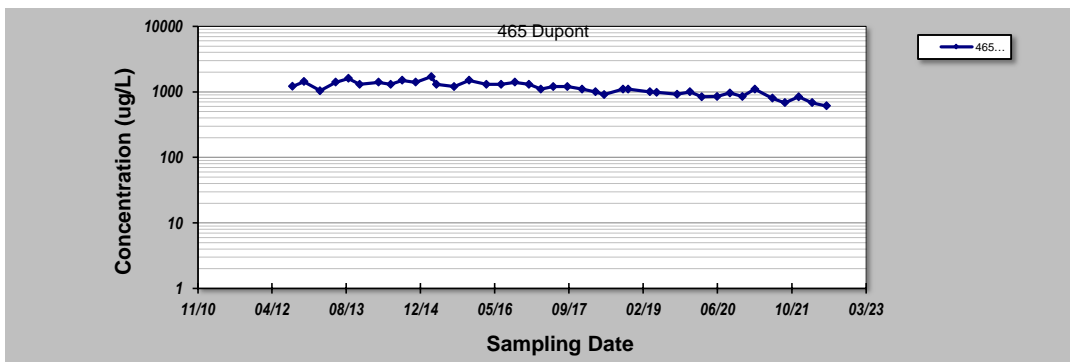
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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: June 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **465 Dupont**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	16-Aug-12	1208					
2	2-Nov-12	1430					
3	19-Feb-13	1038					
4	4-Jun-13	1400					
5	29-Aug-13	1600					
6	13-Nov-13	1300					
7	20-Mar-14	1400					
8	10-Jun-14	1300					
9	26-Aug-14	1500					
10	25-Nov-14	1400					
11	10-Mar-15	1700					
12	14-Apr-15	1300					
13	11-Aug-15	1200					
14	19-Nov-15	1500					
15	14-Mar-16	1300					
16	22-Jun-16	1300					
17	23-Sep-16	1400					
18	27-Dec-16	1300					
19	17-Mar-17	1100					
20	8-Jun-17	1200					
21	12-Sep-17	1200					
22	20-Dec-17	1100					
23	19-Mar-18	1000					
24	16-May-18	910					
25	21-Sep-18	1100					
26	25-Oct-18	1100					
27	22-Mar-19	1000					
28	6-May-19	980					
29	20-Sep-19	920					
30	16-Dec-19	1000					
31	4-Mar-20	840					
32	15-Jun-20	850					
33	10-Sep-20	960					
34	2-Dec-20	850					
35	25-Feb-21	1100					
36	23-Jun-21	800					
37	15-Sep-21	680					
38	16-Dec-21	840					
39	17-Mar-22	680					
40	22-Jun-22	610					
Coefficient of Variation:		0.23					
Mann-Kendall Statistic (S):		-535					
Confidence Factor:		>99.9%					
Concentration Trend:		Decreasing					



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S=0 = No Trend; < 90% and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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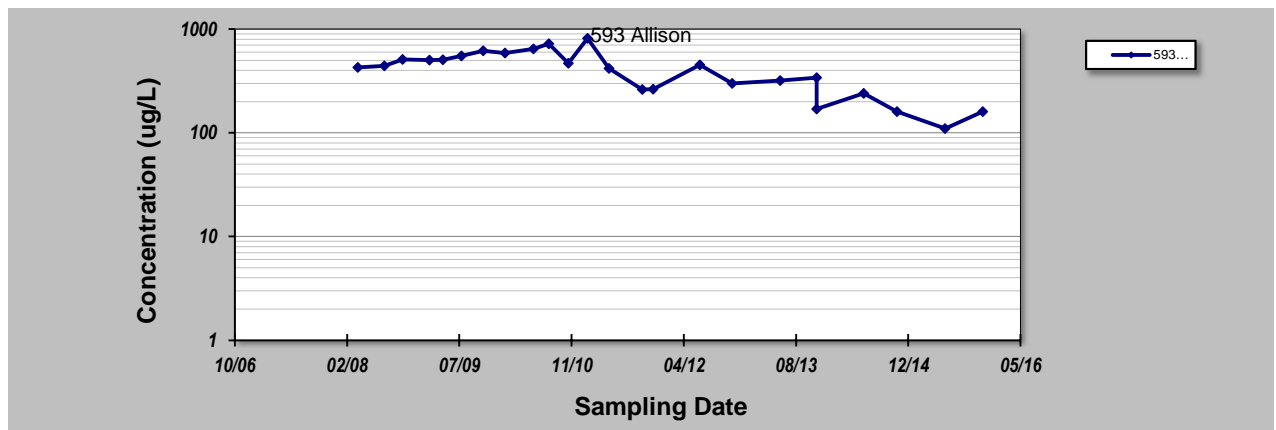
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: **June 2023** Job ID: **806500**
 Facility Name: **Gelman Corporation** Constituent: **1,4-Dioxane**
 Conducted By: **Nicholas M Moleski** Concentration Units: **ug/L**

Sampling Point ID: **593 Allison**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)						
1	10-Apr-08	428						
2	6-Aug-08	442						
3	27-Oct-08	510						
4	23-Feb-09	502						
5	24-Apr-09	508						
6	16-Jul-09	553						
7	20-Oct-09	616						
8	25-Jan-10	590						
9	1-Jun-10	644						
10	9-Aug-10	724						
11	4-Nov-10	470						
12	28-Jan-11	818						
13	4-May-11	419						
14	29-Sep-11	262						
15	16-Nov-11	264						
16	12-Jun-12	453						
17	2-Nov-12	300						
18	5-Jun-13	320						
19	14-Nov-13	340						
20	14-Nov-13	170						
21	11-Jun-14	240						
22	6-Nov-14	160						
23	9-Jun-15	110						
24	23-Nov-15	160						
25								

Coefficient of Variation: 0.45
 Mann-Kendall Statistic (S): -131
 Confidence Factor: >99.9%
 Concentration Trend: **Decreasing**



Notes:

- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
- Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
- Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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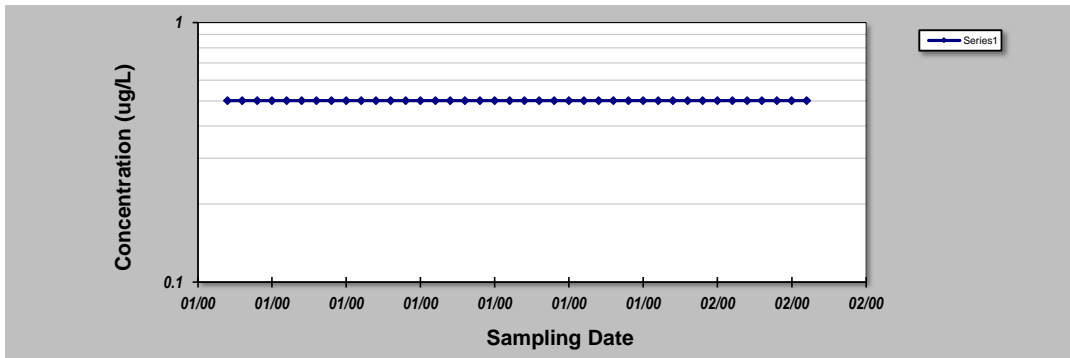
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: June 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **697 S Wagner Rd**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	8-Aug-14	0.5					
2	14-Oct-14	0.5					
3	12-Mar-15	0.5					
4	19-May-15	0.5					
5	23-Jul-15	0.5					
6	7-Oct-15	0.5					
7	20-Jan-16	0.5					
8	7-Apr-16	0.5					
9	13-Sep-16	0.5					
10	21-Oct-16	0.5					
11	13-Jan-17	0.5					
12	17-Apr-17	0.5					
13	17-Apr-17	0.5					
14	12-Jul-17	0.5					
15	2-Oct-17	0.5					
16	2-Oct-17	0.5					
17	16-Mar-18	0.5					
18	16-Mar-18	0.5					
19	18-Apr-18	0.5					
20	18-Sep-18	0.5					
21	11-Oct-18	0.5					
22	28-Mar-19	0.5					
23	7-May-19	0.5					
24	3-Jul-19	0.5					
25	3-Jul-19	0.5					
26	18-Oct-19	0.5					
27	24-Mar-20	0.5					
28	12-Jun-20	0.5					
29	9-Sep-20	0.5					
30	26-Oct-20	0.5					
31	23-Mar-21	0.5					
32	23-Mar-21	0.5					
33	10-Jun-21	0.5					
34	8-Sep-21	0.5					
35	6-Dec-21	0.5					
36	31-Mar-22	0.5					
37	20-Jun-22	0.5					
38	23-Sep-22	0.5					
39	21-Dec-22	0.5					
40	27-Mar-23	0.5					

Coefficient of Variation:	0.00
Mann-Kendall Statistic (S):	0
Confidence Factor:	49.5%
Concentration Trend:	Stable



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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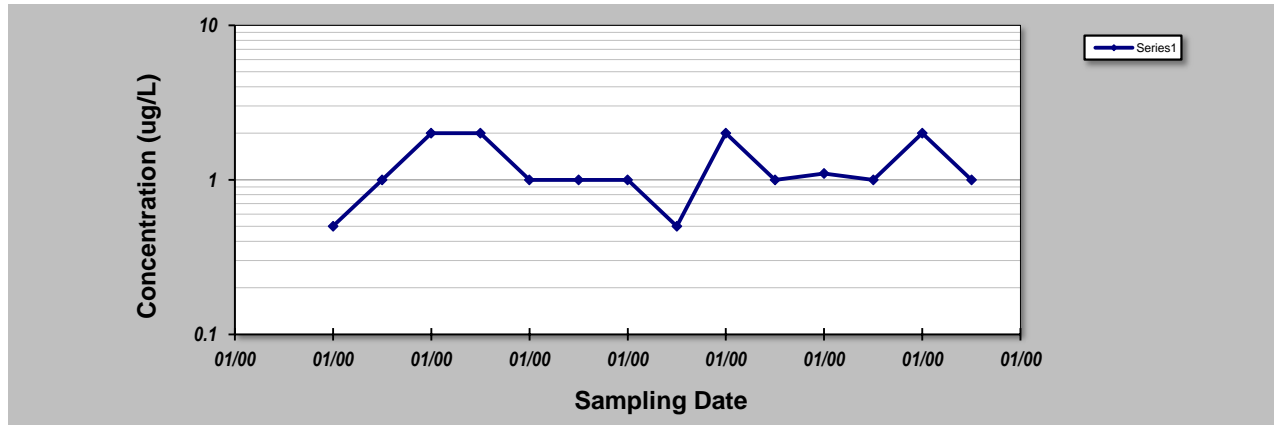
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: June 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **723 S Wagner Rd**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)						
1	8-Aug-11	0.5						
2	16-Aug-12	1						
3	10-Jul-13	2						
4	31-Jul-13	2						
5	8-Aug-14	1						
6	23-Jul-15	1						
7	13-Sep-16	1						
8	12-Jul-17	0.5						
9	18-Sep-18	2						
10	3-Jul-19	1						
11	3-Jul-19	1.1						
12	9-Sep-20	1						
13	8-Sep-21	2						
14	23-Sep-22	1						
15								
16								
17								
18								
19								
20								

Coefficient of Variation:	0.44
Mann-Kendall Statistic (S):	9
Confidence Factor:	66.6%
Concentration Trend:	No Trend



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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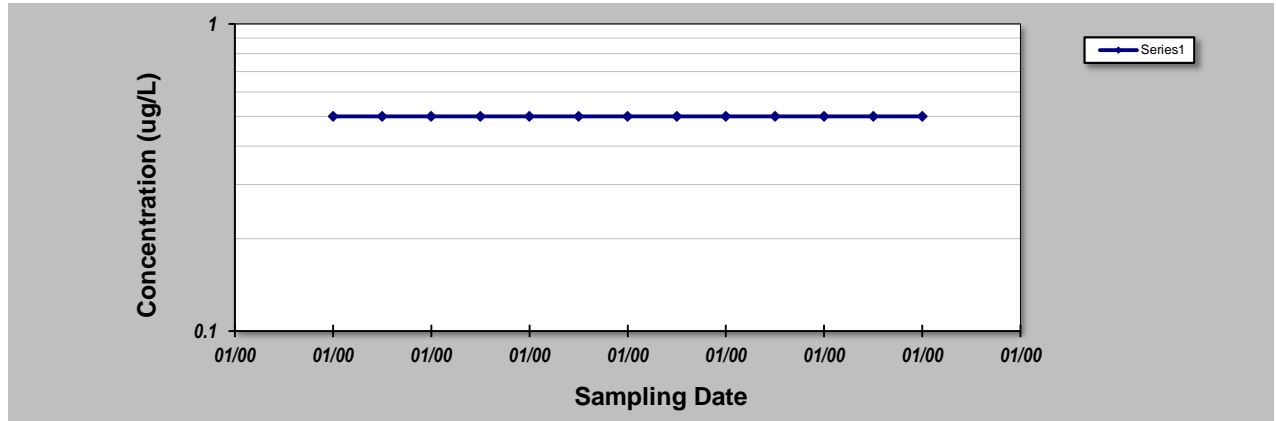
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: **June 2023** Job ID: **806500**
 Facility Name: **Gelman Corporation** Constituent: **1,4-Dioxane**
 Conducted By: **Nicholas M Moleski** Concentration Units: **ug/L**

Sampling Point ID: **745 S Wagner Rd**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)						
1	8-Aug-11	0.5						
2	16-Aug-12	0.5						
3	10-Jul-13	0.5						
4	8-Aug-14	0.5						
5	23-Jul-15	0.5						
6	13-Sep-16	0.5						
7	12-Jul-17	0.5						
8	18-Sep-18	0.5						
9	3-Jul-19	0.5						
10	3-Jul-19	0.5						
11	9-Sep-20	0.5						
12	8-Sep-21	0.5						
13	23-Sep-22	0.5						
14								
15								
16								
17								
18								
19								
20								

Coefficient of Variation:	0.00							
Mann-Kendall Statistic (S):	0							
Confidence Factor:	47.6%							
Concentration Trend:	Stable							



Notes:

- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
- Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
- Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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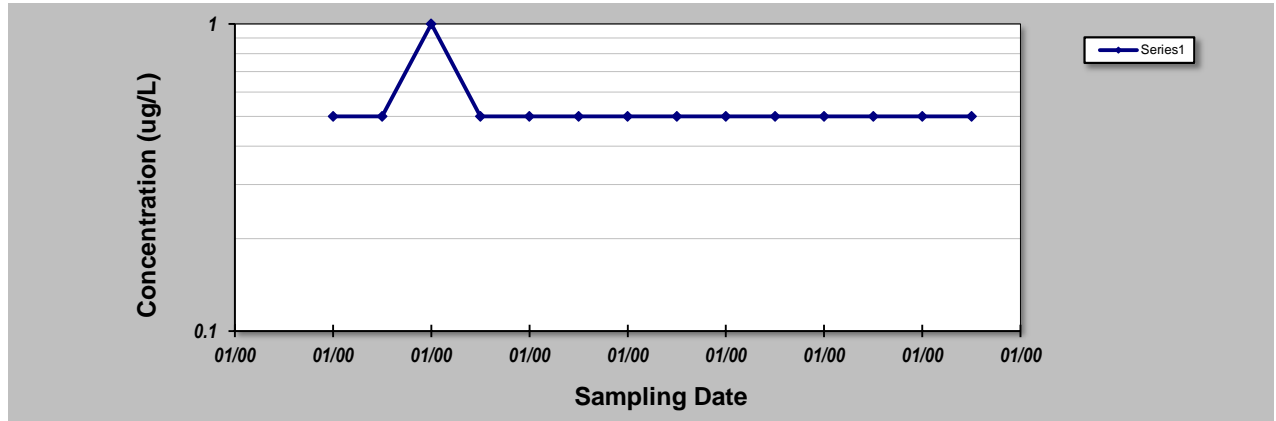
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: June 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **777 S Wagner Rd**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)						
1	8-Aug-11	0.5						
2	16-Aug-12	0.5						
3	10-Jul-13	1						
4	31-Jul-13	0.5						
5	8-Aug-14	0.5						
6	23-Jul-15	0.5						
7	13-Sep-16	0.5						
8	12-Jul-17	0.5						
9	18-Sep-18	0.5						
10	3-Jul-19	0.5						
11	3-Jul-19	0.5						
12	9-Sep-20	0.5						
13	8-Sep-21	0.5						
14	23-Sep-22	0.5						
15								
16								
17								
18								
19								
20								

Coefficient of Variation:	0.25						
Mann-Kendall Statistic (S):	-9						
Confidence Factor:	66.6%						
Concentration Trend:	Stable						



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

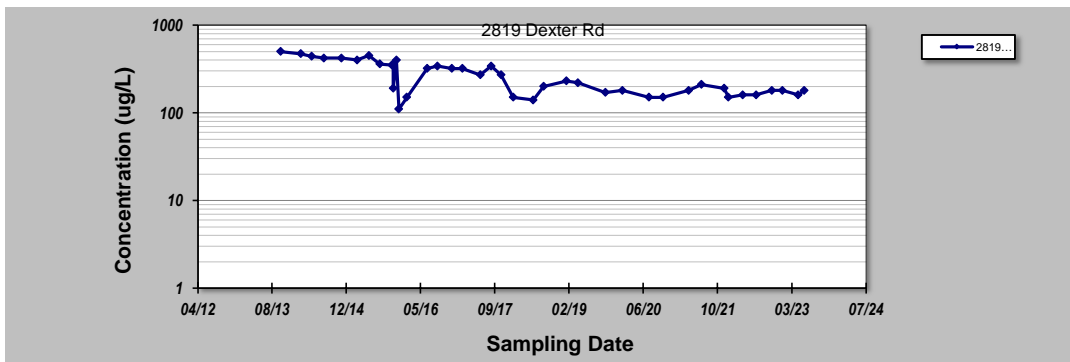
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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: June 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **2819 Dexter Rd**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	10-Oct-13	500					
2	24-Feb-14	470					
3	7-May-14	440					
4	30-Jul-14	420					
5	25-Nov-14	420					
6	10-Mar-15	400					
7	28-May-15	450					
8	10-Aug-15	360					
9	30-Oct-15	350					
10	9-Nov-15	360					
11	9-Nov-15	190					
12	30-Nov-15	400					
13	16-Dec-15	110					
14	8-Feb-16	150					
15	24-Jun-16	320					
16	31-Aug-16	340					
17	8-Dec-16	320					
18	16-Feb-17	320					
19	16-Jun-17	270					
20	29-Aug-17	340					
21	3-Nov-17	270					
22	25-Jan-18	150					
23	8-Jun-18	140					
24	17-Aug-18	200					
25	17-Jan-19	230					
26	5-Apr-19	220					
27	7-Oct-19	170					
28	29-Jan-20	180					
29	27-Jul-20	150					
30	29-Oct-20	150					
31	19-Apr-21	180					
32	15-Jul-21	210					
33	15-Dec-21	190					
34	13-Jan-22	150					
35	19-Apr-22	160					
36	18-Jul-22	160					
37	31-Oct-22	180					
38	11-Jan-23	180					
39	27-Apr-23	160					
40	7-Jun-23	180					
Coefficient of Variation:		0.43					
Mann-Kendall Statistic (S):		-450					
Confidence Factor:		>99.9%					
Concentration Trend:		Decreasing					



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

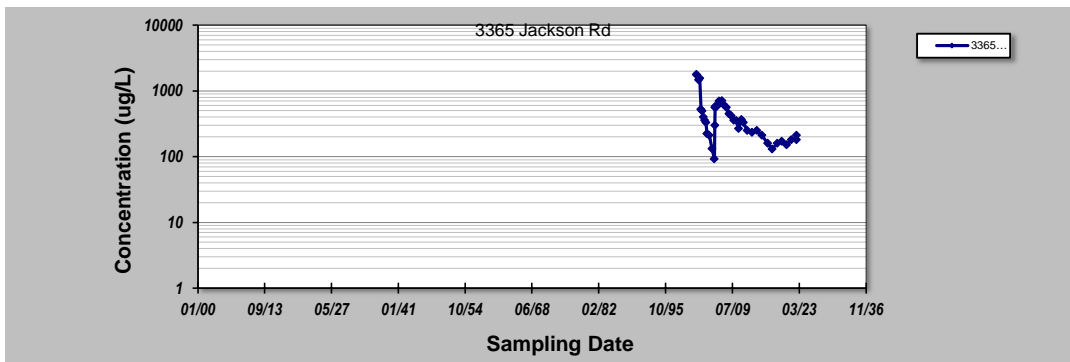
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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: June 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **3365 Jackson Rd**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	20-Feb-02	1773					
2	18-Apr-02	1727					
3	12-Aug-02	1464					
4	12-Nov-02	1557					
5	28-Jan-03	522					
6	22-Apr-03	493					
7	21-Jul-03	401					
8	28-Oct-03	356					
9	3-Feb-04	330					
10	23-Apr-04	224					
11	12-Oct-04	211					
12	27-Apr-05	132					
13	26-Oct-05	92					
14	30-Nov-05	298					
15	12-Dec-05	561					
16	5-Jan-06	577					
17	4-May-06	581					
18	10-Oct-06	698					
19	21-May-07	708					
20	3-Oct-07	614					
21	18-Apr-08	558					
22	23-Oct-08	445					
23	22-Apr-09	418					
24	12-Oct-09	356					
25	19-Apr-10	354					
26	11-Oct-10	267					
27	13-May-11	366					
28	11-Oct-11	329					
29	2-Aug-12	249					
30	19-Jul-13	232					
31	22-Jul-14	250					
32	23-Jul-15	210					
33	21-Sep-16	160					
34	30-Aug-17	130					
35	21-Sep-18	160					
36	29-Aug-19	170					
37	11-Aug-20	150					
38	29-Jul-21	180					
39	29-Aug-22	180					
40	29-Aug-22	210					
Coefficient of Variation:		0.91					
Mann-Kendall Statistic (S):		-398					
Confidence Factor:		>99.9%					
Concentration Trend:		Decreasing					



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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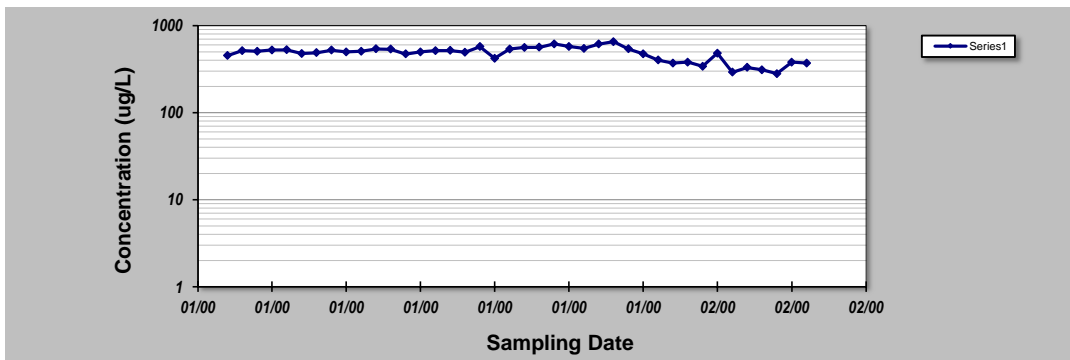
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: June 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **LB-1**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	3-Jul-06	451					
2	2-Oct-06	514					
3	2-Apr-07	506					
4	2-Jul-07	523					
5	1-Oct-07	526					
6	7-Jan-08	477					
7	8-Apr-08	486					
8	14-Jul-08	522					
9	6-Oct-08	498					
10	5-Jan-09	506					
11	6-Apr-09	539					
12	6-Jul-09	535					
13	5-Oct-09	470					
14	4-Jan-10	498					
15	5-Apr-10	514					
16	12-Jul-10	516					
17	4-Oct-10	493					
18	3-Jan-11	572					
19	4-Apr-11	420					
20	11-Jul-11	536					
21	3-Oct-11	560					
22	9-Jan-12	562					
23	2-Apr-12	614					
24	2-Jul-12	574					
25	1-Oct-12	546					
26	8-Jan-13	613					
27	1-Apr-13	651					
28	1-Jul-13	540					
29	7-Oct-13	473					
30	26-Jul-17	400					
31	7-Aug-17	370					
32	13-May-19	380					
33	24-Mar-21	340					
34	17-May-21	480					
35	26-Oct-21	290					
36	16-Dec-21	330					
37	17-Jun-22	310					
38	1-Dec-22	280					
39	31-May-23	380					
40	1-Jun-23	370					

Coefficient of Variation:	0.19			
Mann-Kendall Statistic (S):	-171			
Confidence Factor:	97.7%			
Concentration Trend:	Decreasing			



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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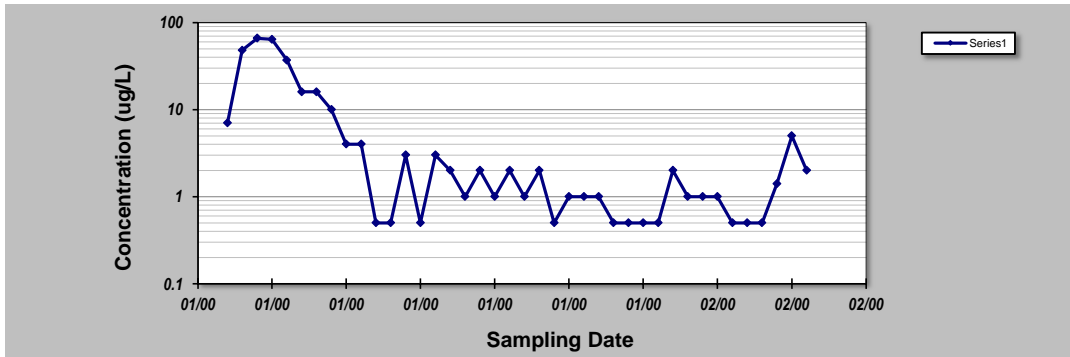
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: June 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-15d**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	24-Feb-00	7					
2	23-May-00	48					
3	23-Aug-00	66					
4	28-Nov-00	64					
5	22-Feb-01	37					
6	7-May-01	16					
7	2-Aug-01	16					
8	6-Nov-01	10					
9	19-Feb-02	4					
10	25-Apr-02	4					
11	15-Aug-02	0.5					
12	17-Oct-02	0.5					
13	17-Jan-03	3					
14	21-Apr-03	0.5					
15	21-Jul-03	3					
16	11-Nov-03	2					
17	23-Jan-04	1					
18	26-Apr-04	2					
19	14-Oct-04	1					
20	13-Apr-05	2					
21	10-Nov-05	1					
22	1-May-06	2					
23	18-Oct-06	0.5					
24	17-Apr-07	1					
25	17-Oct-07	1					
26	16-Jul-08	1					
27	17-Aug-09	0.5					
28	26-Jul-10	0.5					
29	17-Aug-11	0.5					
30	30-Jul-12	0.5					
31	29-Jul-13	2					
32	17-Jul-14	1					
33	31-Jul-15	1					
34	21-Sep-16	1					
35	22-Aug-17	0.5					
36	14-Aug-18	0.5					
37	15-Jul-19	0.5					
38	11-Aug-20	1.4					
39	9-Aug-21	5					
40	24-Aug-22	2					

Coefficient of Variation:	2.11	
Mann-Kendall Statistic (S):	-347	
Confidence Factor:	>99.9%	
Concentration Trend:	Decreasing	



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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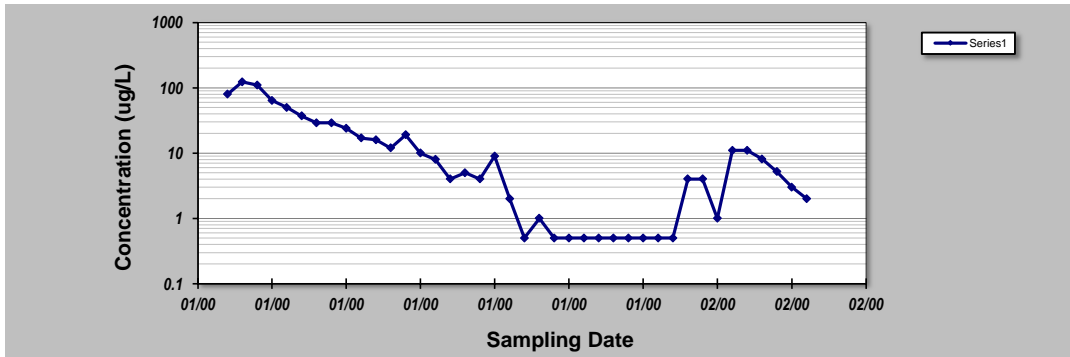
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: June 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-15s**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	21-May-86	80					
2	20-Jan-87	123					
3	15-Oct-87	110					
4	13-Apr-88	64					
5	13-Dec-88	50					
6	20-Jul-89	37					
7	31-Jan-90	29					
8	31-Jul-90	29					
9	18-Jan-91	24					
10	15-Aug-91	17					
11	17-Jan-92	16					
12	13-May-92	12					
13	21-Jul-92	19					
14	17-Nov-92	10					
15	22-Jul-93	8					
16	20-Aug-93	4					
17	24-Aug-93	5					
18	21-Dec-93	4					
19	1-Apr-96	9					
20	25-Apr-02	2					
21	21-Jul-04	0.5					
22	5-Aug-05	1					
23	7-Jul-06	0.5					
24	13-Jul-07	0.5					
25	16-Jul-08	0.5					
26	17-Aug-09	0.5					
27	26-Jul-10	0.5					
28	17-Aug-11	0.5					
29	30-Jul-12	0.5					
30	29-Jul-13	0.5					
31	31-Jul-14	0.5					
32	31-Jul-15	4					
33	14-Aug-15	4					
34	21-Sep-16	1					
35	22-Aug-17	11					
36	14-Aug-18	11					
37	15-Jul-19	8.1					
38	11-Aug-20	5.2					
39	9-Aug-21	3					
40	24-Aug-22	2					

Coefficient of Variation:	1.65
Mann-Kendall Statistic (S):	-427
Confidence Factor:	>99.9%
Concentration Trend:	Decreasing



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

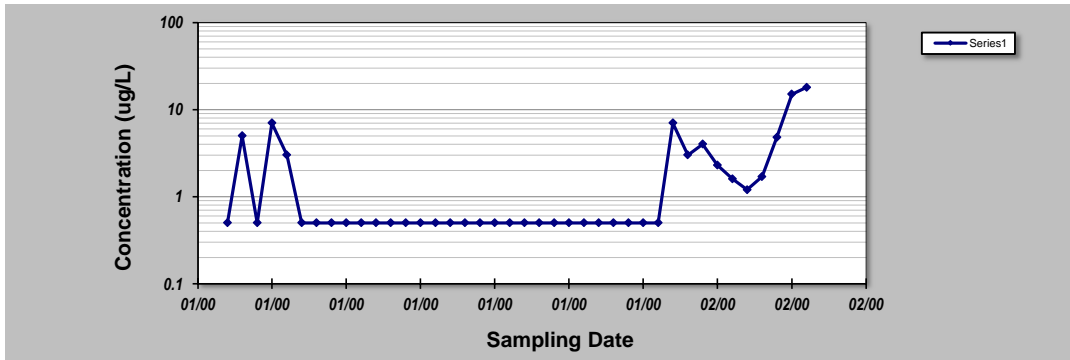
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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: June 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-16**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	24-May-00	0.5					
2	23-Aug-00	5					
3	28-Nov-00	0.5					
4	22-Feb-01	7					
5	7-May-01	3					
6	2-Aug-01	0.5					
7	5-Nov-01	0.5					
8	22-Jan-02	0.5					
9	25-Apr-02	0.5					
10	10-Jul-02	0.5					
11	22-Oct-02	0.5					
12	17-Jan-03	0.5					
13	21-Apr-03	0.5					
14	24-Jul-03	0.5					
15	6-Nov-03	0.5					
16	23-Jan-04	0.5					
17	22-Apr-04	0.5					
18	12-Oct-04	0.5					
19	6-Apr-05	0.5					
20	25-Oct-05	0.5					
21	5-May-06	0.5					
22	23-Oct-06	0.5					
23	18-Apr-07	0.5					
24	7-Nov-07	0.5					
25	28-Jul-08	0.5					
26	14-Aug-09	0.5					
27	28-Jul-10	0.5					
28	21-Sep-11	0.5					
29	7-Aug-12	0.5					
30	18-Jul-13	0.5					
31	22-Aug-14	7					
32	12-Sep-14	3					
33	31-Jul-15	4					
34	6-Sep-16	2.3					
35	23-Aug-17	1.6					
36	21-Aug-18	1.2					
37	20-Aug-19	1.7					
38	10-Aug-20	4.8					
39	27-Jul-21	15					
40	28-Jul-22	18					
Coefficient of Variation:		1.74					
Mann-Kendall Statistic (S):		197					
Confidence Factor:		98.9%					
Concentration Trend:		Increasing					



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

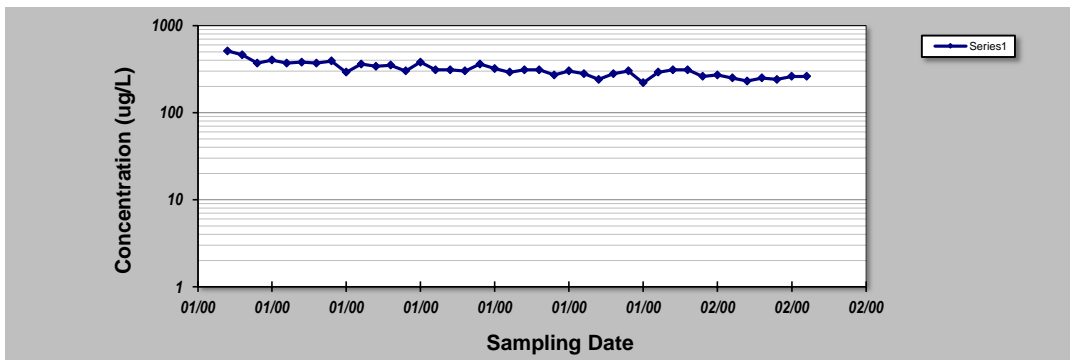
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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: June 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-17**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	12-Jul-13	510					
2	4-Oct-13	460					
3	6-Mar-14	370					
4	3-Apr-14	400					
5	22-Jul-14	370					
6	17-Oct-14	380					
7	22-Jan-15	370					
8	14-May-15	390					
9	23-Jul-15	290					
10	29-Oct-15	360					
11	19-Feb-16	340					
12	25-Apr-16	350					
13	22-Sep-16	300					
14	2-Dec-16	380					
15	7-Feb-17	310					
16	31-May-17	310					
17	5-Sep-17	300					
18	14-Nov-17	360					
19	25-Jan-18	320					
20	27-Jun-18	290					
21	23-Aug-18	310					
22	25-Oct-18	310					
23	12-Mar-19	270					
24	8-Apr-19	300					
25	16-Jul-19	280					
26	18-Oct-19	240					
27	6-Mar-20	280					
28	6-May-20	300					
29	10-Aug-20	220					
30	9-Nov-20	290					
31	5-Mar-21	310					
32	17-May-21	310					
33	27-Jul-21	260					
34	14-Dec-21	270					
35	29-Mar-22	250					
36	31-May-22	230					
37	31-Aug-22	250					
38	12-Dec-22	240					
39	20-Mar-23	260					
40	26-May-23	260					
Coefficient of Variation:	0.20						
Mann-Kendall Statistic (S):	-5.22						
Confidence Factor:	>99.9%						
Concentration Trend:	Decreasing						



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S=0 = No Trend; < 90% and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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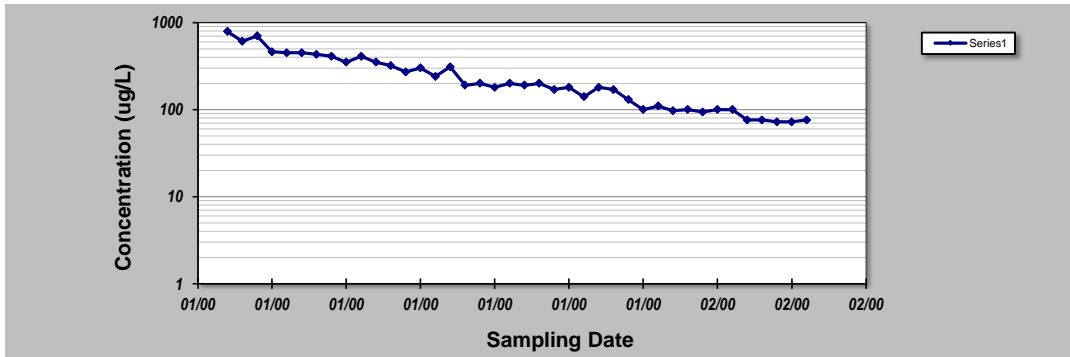
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: June 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-30d**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	19-Jul-13	790					
2	4-Oct-13	610					
3	6-Mar-14	700					
4	4-Apr-14	460					
5	22-Jul-14	450					
6	17-Oct-14	450					
7	23-Jan-15	430					
8	22-May-15	410					
9	23-Jul-15	350					
10	30-Oct-15	410					
11	23-Feb-16	350					
12	9-May-16	320					
13	21-Sep-16	270					
14	15-Nov-16	300					
15	7-Feb-17	240					
16	16-Jun-17	310					
17	30-Aug-17	190					
18	31-Oct-17	200					
19	16-Mar-18	180					
20	12-Jun-18	200					
21	28-Aug-18	190					
22	21-Nov-18	200					
23	19-Mar-19	170					
24	8-May-19	180					
25	23-Aug-19	140					
26	17-Oct-19	180					
27	3-Mar-20	170					
28	12-May-20	130					
29	11-Aug-20	100					
30	10-Nov-20	110					
31	5-Mar-21	97					
32	17-May-21	100					
33	29-Jul-21	94					
34	17-Dec-21	100					
35	4-Mar-22	100					
36	31-May-22	76					
37	30-Aug-22	76					
38	12-Dec-22	72					
39	20-Mar-23	72					
40	10-Apr-23	76					

Coefficient of Variation:	0.71			
Mann-Kendall Statistic (S):	-709			
Confidence Factor:	>99.9%			
Concentration Trend:	Decreasing			



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S=0 = No Trend; < 90% and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

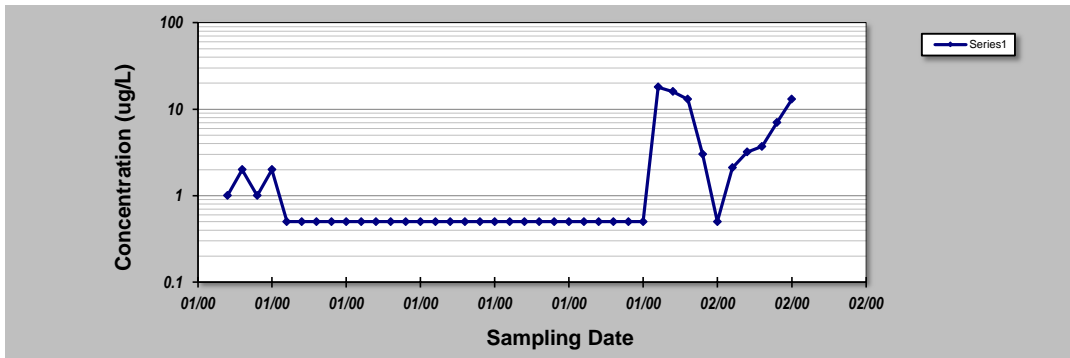
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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: June 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-30i**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	13-Jun-01	1					
2	5-Jul-01	2					
3	3-Nov-01	1					
4	18-Apr-02	2					
5	17-Oct-02	0.5					
6	22-Apr-03	0.5					
7	28-Oct-03	0.5					
8	20-Apr-04	0.5					
9	12-Oct-04	0.5					
10	13-Apr-05	0.5					
11	7-Oct-05	0.5					
12	21-Nov-05	0.5					
13	8-Dec-05	0.5					
14	21-Dec-05	0.5					
15	6-Jan-06	0.5					
16	5-May-06	0.5					
17	17-Nov-06	0.5					
18	22-May-07	0.5					
19	23-Oct-07	0.5					
20	14-Apr-08	0.5					
21	9-Oct-08	0.5					
22	7-Apr-09	0.5					
23	12-Oct-09	0.5					
24	21-Apr-10	0.5					
25	11-Oct-10	0.5					
26	25-Apr-11	0.5					
27	11-Oct-11	0.5					
28	27-Jul-12	0.5					
29	19-Jul-13	0.5					
30	21-Jul-14	18					
31	12-Aug-14	16					
32	23-Jul-15	13					
33	21-Sep-16	3					
34	30-Aug-17	0.5					
35	28-Aug-18	2.1					
36	23-Aug-19	3.2					
37	11-Aug-20	3.7					
38	29-Jul-21	7					
39	30-Aug-22	13					
40							
Coefficient of Variation:	1.80						
Mann-Kendall Statistic (S):	153						
Confidence Factor:	96.7%						
Concentration Trend:	Increasing						



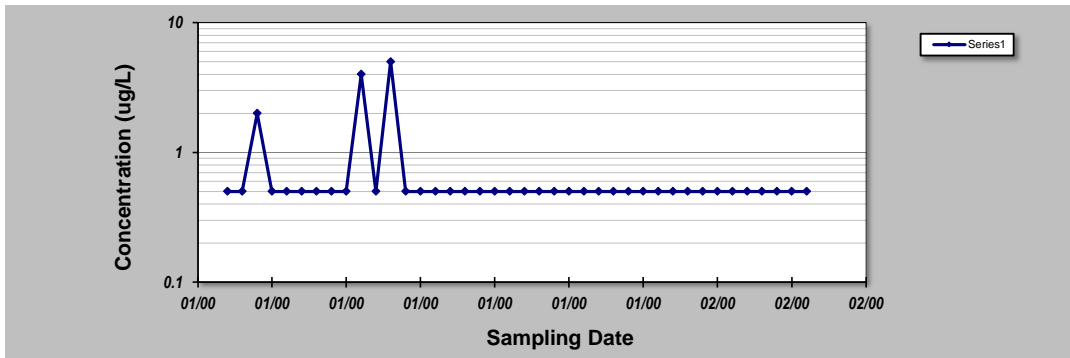
- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: June 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID:		MW-43					
Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	18-Jun-98	0.5					
2	15-Jul-98	0.5					
3	25-Aug-98	2					
4	22-Sep-98	0.5					
5	1-Feb-99	0.5					
6	20-Aug-99	0.5					
7	1-Nov-99	0.5					
8	24-Feb-00	0.5					
9	24-May-00	0.5					
10	23-Aug-00	4					
11	28-Nov-00	0.5					
12	22-Feb-01	5					
13	7-May-01	0.5					
14	2-Aug-01	0.5					
15	5-Nov-01	0.5					
16	22-Jan-02	0.5					
17	25-Apr-02	0.5					
18	10-Jul-02	0.5					
19	22-Oct-02	0.5					
20	17-Jan-03	0.5					
21	21-Apr-03	0.5					
22	24-Jul-03	0.5					
23	6-Nov-03	0.5					
24	3-Feb-04	0.5					
25	20-Apr-04	0.5					
26	12-Oct-04	0.5					
27	18-Apr-05	0.5					
28	25-Oct-05	0.5					
29	5-May-06	0.5					
30	23-Oct-06	0.5					
31	18-Apr-07	0.5					
32	7-Nov-07	0.5					
33	24-Jul-08	0.5					
34	14-Aug-09	0.5					
35	28-Jul-10	0.5					
36	21-Sep-11	0.5					
37	18-Jul-13	0.5					
38	31-Jul-15	0.5					
39	19-Jan-21	0.5					
40	21-Mar-23	0.5					
Coefficient of Variation:		1.24					
Mann-Kendall Statistic (S):		-70					
Confidence Factor:		78.8%					
Concentration Trend:		No Trend					



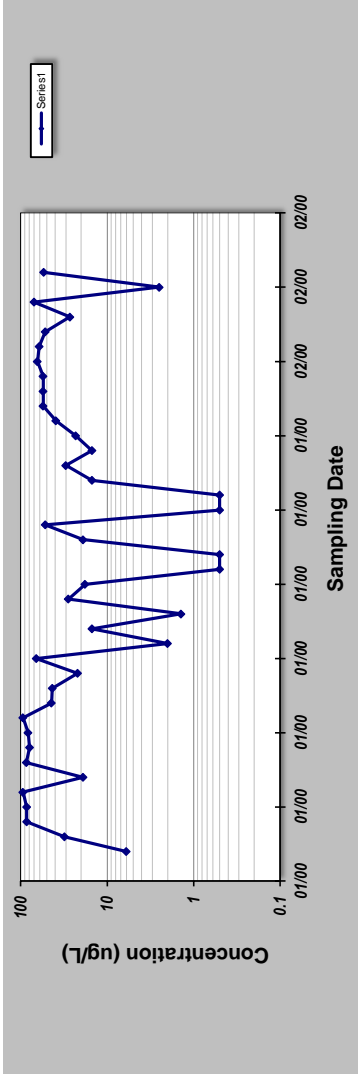
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: **June 2023**
 Facility Name: **Geiman Corporation**
 Conducted By: **Nicholas M Maleski**

Job ID: **806500**
 Constituent: **1,4-Dioxane**
 Concentration Units: **ug/L**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)
1	19-Mar-14	6
2	10-Apr-14	31
3	25-Aug-14	85
4	16-Sep-14	85
5	27-Oct-14	94
6	17-Mar-15	19
7	14-Apr-15	86
8	5-Aug-15	79
9	17-Nov-15	82
10	26-Jan-16	94
11	20-May-16	44
12	20-May-16	43
13	9-Sep-16	22
14	6-Dec-16	66
15	26-Jan-17	2
16	16-Feb-17	15
17	21-Apr-17	1.4
18	22-Aug-17	28
19	26-Oct-17	18
20	24-Jan-18	0.5
21	6-Apr-18	0.5
22	20-Jul-18	19
23	16-Nov-18	52
24	15-Mar-19	0.5
25	6-May-19	0.5
26	7-Aug-19	15
27	6-Nov-19	30
28	18-Feb-20	15
29	22-Apr-20	23
30	16-Jul-20	39
31	19-Oct-20	55
32	3-Feb-21	55
33	27-Apr-21	55
34	22-Jul-21	64
35	21-Dec-21	61
36	21-Feb-22	52
37	17-May-22	27
38	15-Dec-22	70
39	8-Mar-23	2.5
40	30-Apr-23	54

Coefficient of Variation: **0.75**
 Mann-Kendall Statistic (S): **-64**
 Confidence Factor: **76.7%**
 Concentration Trend: **Stable**



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. Methodology is valid for 4 to 40 samples.
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S=0 = No Trend; < 90%, S=0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, Ground Water, 41(3):365-367, 2003.

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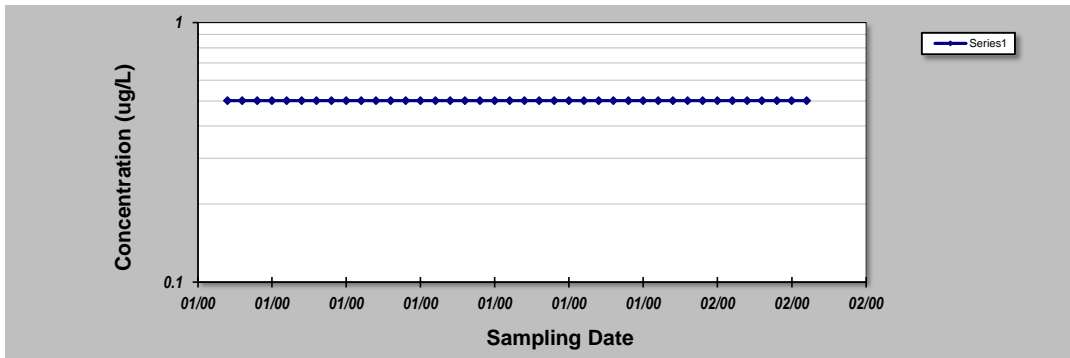
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: June 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-54s**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	20-Aug-13	0.5					
2	13-Nov-13	0.5					
3	19-Mar-14	0.5					
4	10-Apr-14	0.5					
5	25-Aug-14	0.5					
6	27-Oct-14	0.5					
7	17-Mar-15	0.5					
8	19-May-15	0.5					
9	5-Aug-15	0.5					
10	17-Nov-15	0.5					
11	26-Jan-16	0.5					
12	20-May-16	0.5					
13	20-May-16	0.5					
14	9-Sep-16	0.5					
15	6-Dec-16	0.5					
16	26-Jan-17	0.5					
17	21-Apr-17	0.5					
18	22-Aug-17	0.5					
19	26-Oct-17	0.5					
20	24-Jan-18	0.5					
21	6-Apr-18	0.5					
22	20-Jul-18	0.5					
23	16-Nov-18	0.5					
24	15-Mar-19	0.5					
25	6-May-19	0.5					
26	7-Aug-19	0.5					
27	6-Nov-19	0.5					
28	18-Feb-20	0.5					
29	22-Apr-20	0.5					
30	16-Jul-20	0.5					
31	19-Oct-20	0.5					
32	3-Feb-21	0.5					
33	27-Apr-21	0.5					
34	22-Jul-21	0.5					
35	13-Dec-21	0.5					
36	21-Feb-22	0.5					
37	17-May-22	0.5					
38	15-Dec-22	0.5					
39	8-Mar-23	0.5					
40	1-May-23	0.5					

Coefficient of Variation:	0.00
Mann-Kendall Statistic (S):	0
Confidence Factor:	49.5%
Concentration Trend:	Stable



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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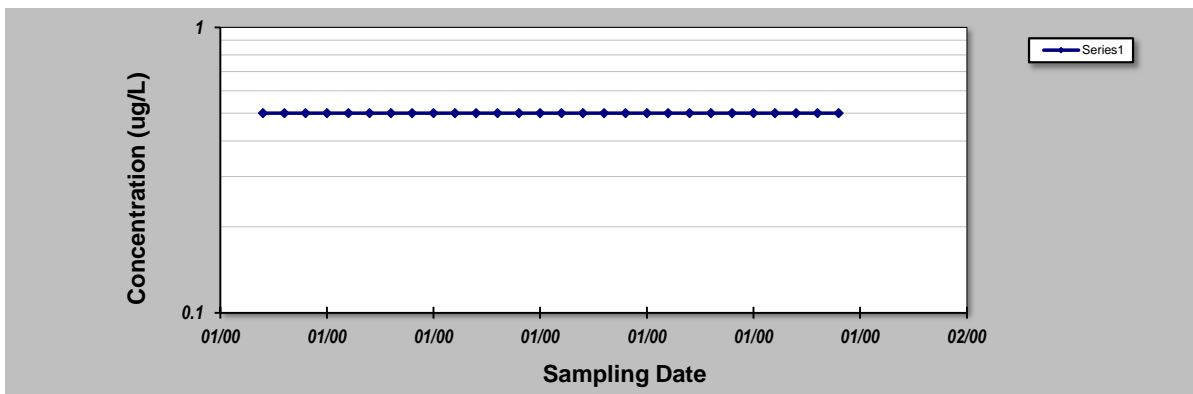
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: June 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-67**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	30-Jul-01	0.5					
2	3-Nov-01	0.5					
3	21-Jan-02	0.5					
4	23-Apr-02	0.5					
5	10-Jul-02	0.5					
6	16-Oct-02	0.5					
7	16-Jan-03	0.5					
8	11-Apr-03	0.5					
9	9-Jul-03	0.5					
10	16-Oct-03	0.5					
11	20-Jan-04	0.5					
12	21-Apr-04	0.5					
13	13-Oct-04	0.5					
14	4-May-05	0.5					
15	8-Nov-05	0.5					
16	4-May-06	0.5					
17	27-Oct-06	0.5					
18	17-May-07	0.5					
19	14-Nov-07	0.5					
20	14-Aug-08	0.5					
21	27-Jul-09	0.5					
22	21-Jul-10	0.5					
23	25-Sep-11	0.5					
24	17-Jul-13	0.5					
25	18-Jul-14	0.5					
26	23-Jul-15	0.5					
27	19-Jan-21	0.5					
28	22-Mar-23	0.5					
29							
30							

Coefficient of Variation:	0.00
Mann-Kendall Statistic (S):	0
Confidence Factor:	49.2%
Concentration Trend:	Stable



Notes:

- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
- Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
- Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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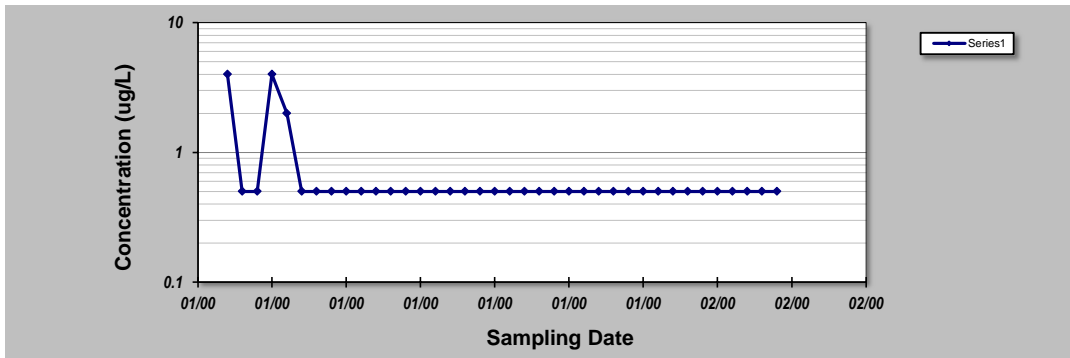
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: June 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-69**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	14-Aug-01	4					
2	3-Nov-01	0.5					
3	17-Jan-02	0.5					
4	23-Apr-02	4					
5	22-Jul-02	2					
6	17-Oct-02	0.5					
7	17-Jan-03	0.5					
8	21-Apr-03	0.5					
9	21-Jul-03	0.5					
10	16-Oct-03	0.5					
11	21-Jan-04	0.5					
12	21-Apr-04	0.5					
13	14-Oct-04	0.5					
14	15-Apr-05	0.5					
15	31-Oct-05	0.5					
16	21-Nov-05	0.5					
17	5-Dec-05	0.5					
18	22-Dec-05	0.5					
19	5-Jan-06	0.5					
20	9-May-06	0.5					
21	26-Oct-06	0.5					
22	17-Apr-07	0.5					
23	26-Oct-07	0.5					
24	7-Aug-08	0.5					
25	22-Jul-09	0.5					
26	16-Jul-10	0.5					
27	21-Sep-11	0.5					
28	30-Jul-12	0.5					
29	18-Jul-13	0.5					
30	18-Jul-14	0.5					
31	31-Jul-15	0.5					
32	7-Sep-16	0.5					
33	16-Aug-17	0.5					
34	20-Sep-18	0.5					
35	23-Aug-19	0.5					
36	28-Jul-20	0.5					
37	29-Jul-21	0.5					
38	25-Aug-22	0.5					
39							
40							

Coefficient of Variation:	1.13
Mann-Kendall Statistic (S):	-99
Confidence Factor:	89.0%
Concentration Trend:	No Trend



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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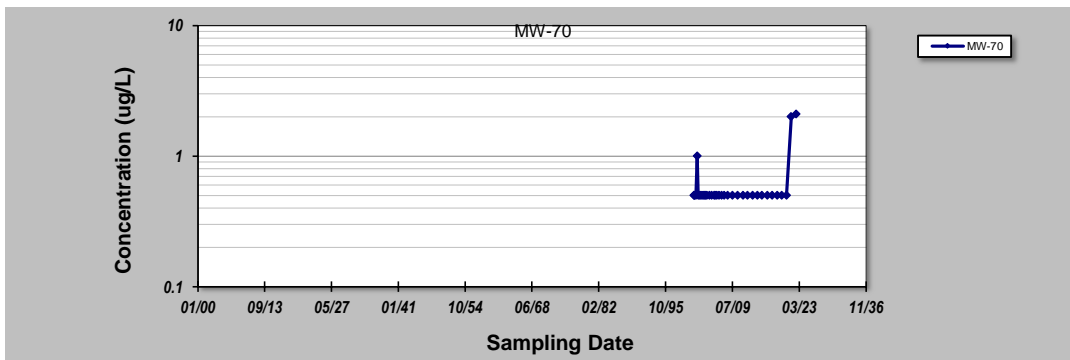
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: June 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-70**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	27-Aug-01	0.5					
2	10-Sep-01	0.5					
3	22-Oct-01	0.5					
4	22-Jan-02	0.5					
5	23-Apr-02	1					
6	10-Jul-02	0.5					
7	22-Oct-02	0.5					
8	17-Jan-03	0.5					
9	21-Apr-03	0.5					
10	24-Jul-03	0.5					
11	22-Oct-03	0.5					
12	20-Jan-04	0.5					
13	22-Apr-04	0.5					
14	20-Oct-04	0.5					
15	18-Apr-05	0.5					
16	25-Oct-05	0.5					
17	10-Jan-06	0.5					
18	5-May-06	0.5					
19	23-Oct-06	0.5					
20	18-Apr-07	0.5					
21	13-Nov-07	0.5					
22	28-Jul-08	0.5					
23	21-Jul-09	0.5					
24	28-Jul-10	0.5					
25	21-Sep-11	0.5					
26	7-Aug-12	0.5					
27	23-Aug-13	0.5					
28	22-Aug-14	0.5					
29	31-Jul-15	0.5					
30	1-Sep-16	0.5					
31	8-Sep-17	0.5					
32	19-Sep-18	0.5					
33	23-Aug-19	0.5					
34	10-Aug-20	0.5					
35	27-Jul-21	2					
36	28-Jul-22	2.1					
37							
38							
39							
40							

Coefficient of Variation:	0.61
Mann-Kendall Statistic (S):	44
Confidence Factor:	72.0%
Concentration Trend:	No Trend



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
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 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

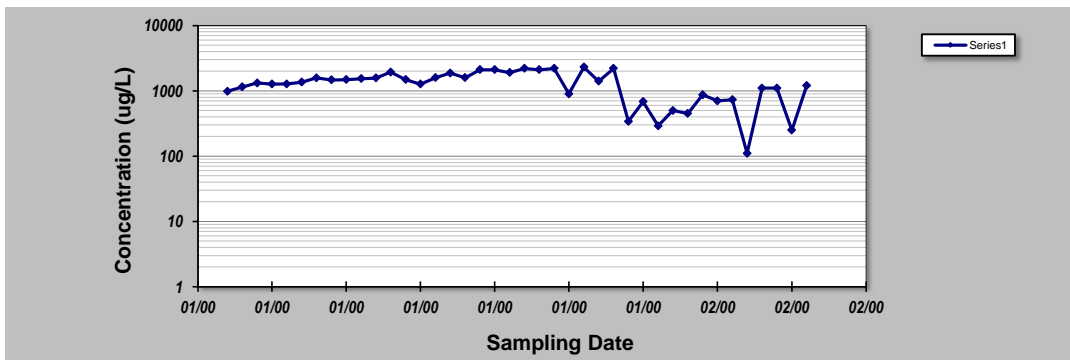
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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: June 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-71**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	9-Apr-08	981					
2	24-Jul-08	1148					
3	27-Oct-08	1318					
4	27-Jan-09	1268					
5	22-Apr-09	1277					
6	21-Jul-09	1356					
7	8-Oct-09	1582					
8	14-Jan-10	1465					
9	15-Apr-10	1483					
10	28-Jul-10	1532					
11	25-Oct-10	1571					
12	26-Jan-11	1935					
13	14-Apr-11	1481					
14	21-Sep-11	1266					
15	15-Nov-11	1586					
16	20-Apr-12	1874					
17	13-Nov-12	1590					
18	21-Jun-13	2100					
19	26-Nov-13	2100					
20	12-Jun-14	1900					
21	12-Nov-14	2200					
22	11-Jun-15	2100					
23	8-Dec-15	2200					
24	22-Jun-16	900					
25	13-Dec-16	2300					
26	2-Jun-17	1400					
27	17-Aug-17	2200					
28	24-Nov-17	340					
29	27-Jun-18	680					
30	30-Nov-18	290					
31	7-May-19	500					
32	25-Nov-19	450					
33	5-May-20	870					
34	29-Oct-20	700					
35	29-Apr-21	730					
36	14-Dec-21	110					
37	21-Dec-21	1100					
38	21-Apr-22	1100					
39	22-Nov-22	250					
40	22-May-23	1200					
Coefficient of Variation:		0.46					
Mann-Kendall Statistic (S):		-1.07					
Confidence Factor:		89.1%					
Concentration Trend:		Stable					



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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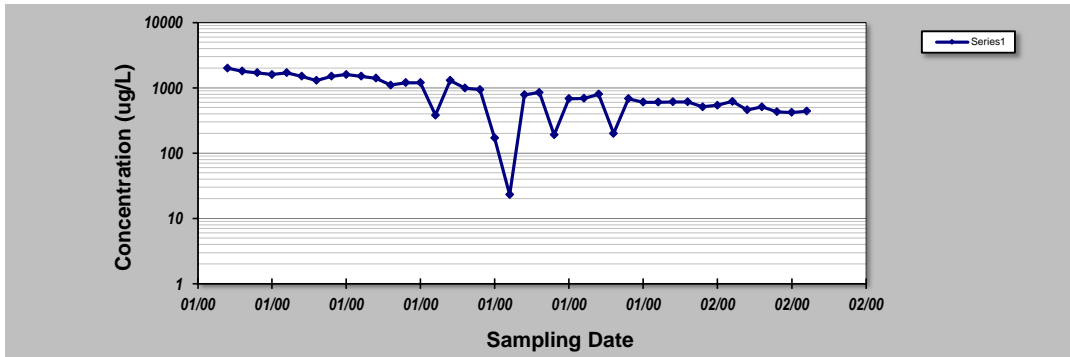
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: June 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-72d**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	2-Aug-13	2000					
2	2-Oct-13	1800					
3	21-Mar-14	1700					
4	3-Apr-14	1600					
5	19-Aug-14	1700					
6	6-Oct-14	1500					
7	21-Jan-15	1300					
8	21-May-15	1500					
9	27-Jul-15	1600					
10	30-Oct-15	1500					
11	23-Feb-16	1400					
12	8-Jun-16	1100					
13	23-Sep-16	1200					
14	14-Dec-16	1200					
15	8-Feb-17	380					
16	20-Jun-17	1300					
17	5-Sep-17	990					
18	30-Nov-17	940					
19	16-Mar-18	170					
20	26-Jun-18	23					
21	23-Jul-18	780					
22	21-Nov-18	850					
23	19-Mar-19	190					
24	8-May-19	680					
25	23-Aug-19	690					
26	18-Oct-19	800					
27	3-Mar-20	200					
28	12-May-20	680					
29	17-Aug-20	600					
30	10-Nov-20	600					
31	5-Mar-21	610					
32	18-May-21	610					
33	5-Aug-21	510					
34	22-Dec-21	540					
35	4-Mar-22	620					
36	11-May-22	460					
37	28-Jul-22	510					
38	12-Dec-22	430					
39	20-Mar-23	420					
40	12-Apr-23	440					

Coefficient of Variation:	0.58
Mann-Kendall Statistic (S):	-5.25
Confidence Factor:	>99.9%
Concentration Trend:	Decreasing



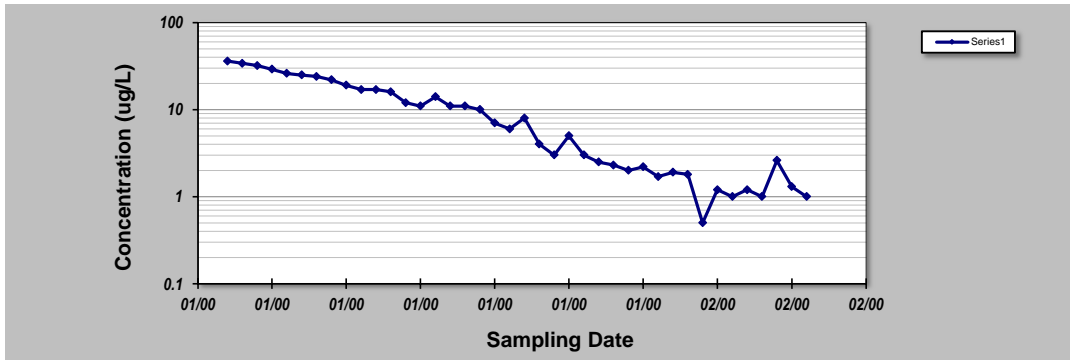
- Notes:**
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 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: June 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: MW-72s		1,4-DIOXANE CONCENTRATION (ug/L)					
Sampling Event	Sampling Date						
1	18-Jan-08	36					
2	7-Apr-08	34					
3	6-Aug-08	32					
4	20-Oct-08	29					
5	13-Jan-09	26					
6	8-Apr-09	25					
7	31-Jul-09	24					
8	8-Oct-09	22					
9	11-Jan-10	19					
10	12-Apr-10	17					
11	7-Jul-10	17					
12	6-Oct-10	16					
13	4-Jan-11	12					
14	1-Apr-11	11					
15	1-Aug-11	14					
16	5-Oct-11	11					
17	4-Jan-12	11					
18	10-Apr-12	10					
19	3-Oct-12	7					
20	9-Apr-13	6					
21	2-Oct-13	8					
22	3-Apr-14	4					
23	6-Oct-14	3					
24	21-May-15	5					
25	8-Oct-15	3					
26	8-Jun-16	2.5					
27	14-Dec-16	2.3					
28	20-Jun-17	2					
29	10-Nov-17	2.2					
30	26-Jun-18	1.7					
31	21-Nov-18	1.9					
32	8-May-19	1.8					
33	18-Oct-19	0.5					
34	12-May-20	1.2					
35	10-Nov-20	1					
36	18-May-21	1.2					
37	7-Dec-21	1					
38	13-May-22	2.6					
39	12-Dec-22	1.3					
40	12-Apr-23	1					
Coefficient of Variation:		1.00					
Mann-Kendall Statistic (S):		-7.07					
Confidence Factor:		>99.9%					
Concentration Trend:		Decreasing					



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S=0 = No Trend; < 90% and S>0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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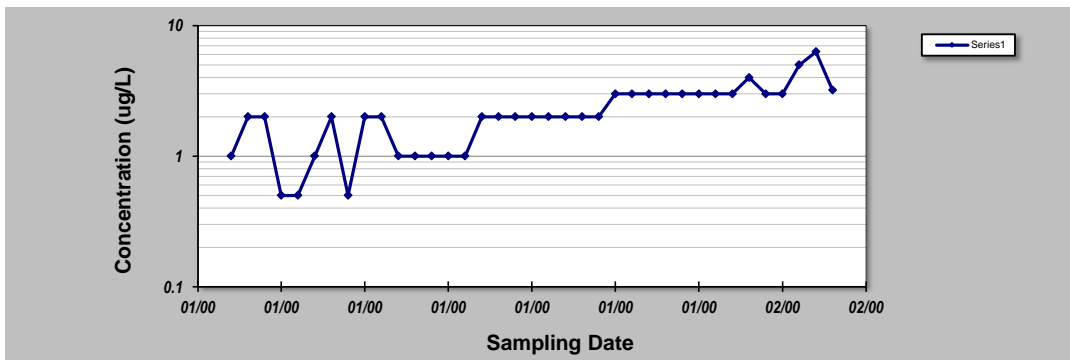
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: June 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-76d**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	8-Apr-02	1					
2	15-Apr-02	2					
3	30-Jul-02	2					
4	5-Nov-02	0.5					
5	24-Jan-03	0.5					
6	24-Apr-03	1					
7	30-Jul-03	2					
8	26-Sep-03	0.5					
9	20-Oct-03	2					
10	22-Nov-03	2					
11	2-Dec-03	1					
12	8-Jan-04	1					
13	17-Feb-04	1					
14	1-Mar-04	1					
15	1-Apr-04	1					
16	25-Oct-04	2					
17	4-Apr-05	2					
18	5-Oct-05	2					
19	11-Apr-06	2					
20	11-Jul-06	2					
21	18-Oct-06	2					
22	17-Jan-07	2					
23	18-Apr-07	2					
24	18-Jul-07	3					
25	10-Oct-07	3					
26	21-Apr-08	3					
27	21-Oct-08	3					
28	23-Apr-09	3					
29	13-Oct-09	3					
30	20-May-10	3					
31	2-Nov-10	3					
32	29-Apr-11	4					
33	7-Oct-11	3					
34	11-Jul-13	3					
35	6-Jul-15	5					
36	19-Jan-21	6.3					
37	6-Mar-23	3.2					
38							
39							
40							

Coefficient of Variation:	0.55			
Mann-Kendall Statistic (S):	433			
Confidence Factor:	>99.9%			
Concentration Trend:	Increasing			



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90% and S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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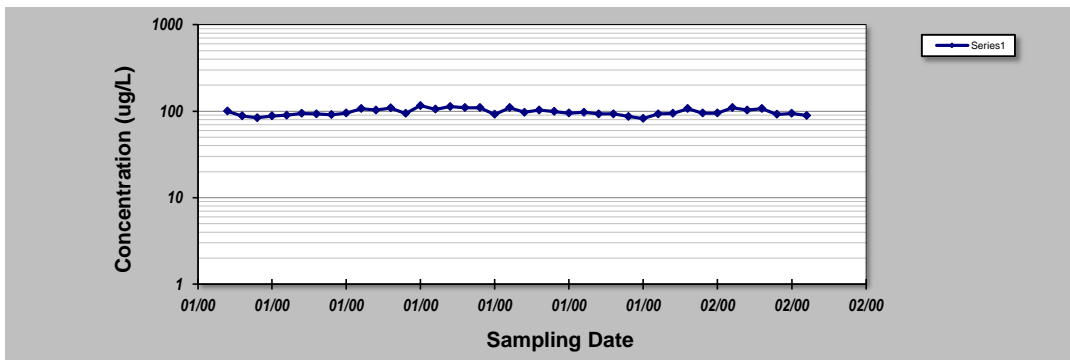
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: June 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-76i**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	11-Jul-13	100					
2	8-Oct-13	88					
3	15-Jan-14	84					
4	21-Apr-14	88					
5	30-Jul-14	90					
6	9-Oct-14	94					
7	15-Jan-15	93					
8	6-Apr-15	91					
9	6-Jul-15	95					
10	29-Oct-15	107					
11	6-Jan-16	103					
12	4-Apr-16	109					
13	29-Jul-16	94					
14	18-Oct-16	116					
15	5-Jan-17	105					
16	10-Apr-17	113					
17	25-Jul-17	110					
18	5-Oct-17	110					
19	17-Jan-18	92					
20	4-Apr-18	110					
21	12-Jul-18	97					
22	4-Oct-18	103					
23	17-Jan-19	99					
24	4-Apr-19	95					
25	18-Jul-19	97					
26	7-Oct-19	93					
27	17-Jan-20	93					
28	8-Apr-20	87					
29	8-Jul-20	82					
30	6-Oct-20	93					
31	7-Jan-21	94					
32	7-Apr-21	107					
33	7-Jul-21	95					
34	6-Oct-21	95					
35	17-Jan-22	110					
36	12-Apr-22	103					
37	6-Jul-22	107					
38	6-Oct-22	92					
39	9-Jan-23	94					
40	4-Apr-23	89					

Coefficient of Variation:	0.09		
Mann-Kendall Statistic (S):	29		
Confidence Factor:	62.7%		
Concentration Trend:	No Trend		



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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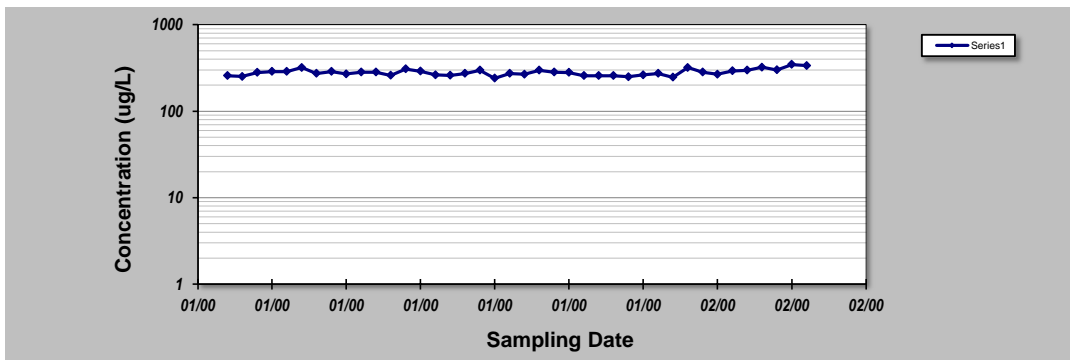
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: June 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-76s**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	11-Jul-13	257					
2	8-Oct-13	252					
3	15-Jan-14	280					
4	21-Apr-14	287					
5	30-Jul-14	287					
6	9-Oct-14	320					
7	15-Jan-15	273					
8	6-Apr-15	287					
9	6-Jul-15	270					
10	29-Oct-15	283					
11	6-Jan-16	283					
12	4-Apr-16	260					
13	29-Jul-16	307					
14	18-Oct-16	290					
15	11-Jan-17	263					
16	10-Apr-17	260					
17	25-Jul-17	273					
18	5-Oct-17	297					
19	18-Jan-18	240					
20	4-Apr-18	273					
21	12-Jul-18	267					
22	4-Oct-18	297					
23	17-Jan-19	283					
24	4-Apr-19	280					
25	18-Jul-19	257					
26	7-Oct-19	257					
27	17-Jan-20	257					
28	8-Apr-20	250					
29	8-Jul-20	263					
30	6-Oct-20	273					
31	7-Jan-21	247					
32	7-Apr-21	320					
33	7-Jul-21	283					
34	6-Oct-21	267					
35	17-Jan-22	293					
36	12-Apr-22	297					
37	6-Jul-22	323					
38	6-Oct-22	300					
39	9-Jan-23	347					
40	4-Apr-23	337					

Coefficient of Variation:	0.09		
Mann-Kendall Statistic (S):	111		
Confidence Factor:	89.9%		
Concentration Trend:	No Trend		



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

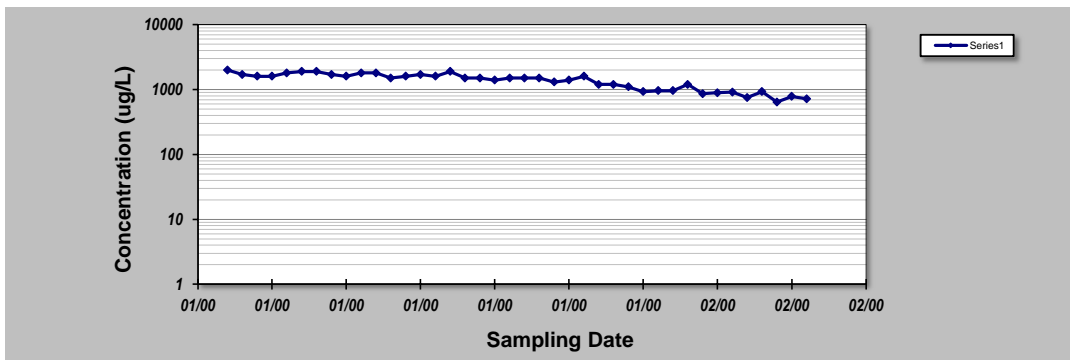
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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: June 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-77**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	29-Aug-13	2000					
2	13-Nov-13	1700					
3	20-Mar-14	1600					
4	10-Jun-14	1600					
5	26-Aug-14	1800					
6	5-Nov-14	1900					
7	10-Mar-15	1900					
8	27-May-15	1700					
9	11-Aug-15	1600					
10	19-Nov-15	1800					
11	23-Feb-16	1800					
12	23-Jun-16	1500					
13	23-Sep-16	1600					
14	23-Dec-16	1700					
15	17-Feb-17	1600					
16	26-Jun-17	1900					
17	5-Sep-17	1500					
18	24-Nov-17	1500					
19	22-Feb-18	1400					
20	28-Jun-18	1500					
21	24-Sep-18	1500					
22	25-Oct-18	1500					
23	22-Mar-19	1300					
24	3-May-19	1400					
25	19-Aug-19	1600					
26	12-Nov-19	1200					
27	12-Feb-20	1200					
28	4-Jun-20	1100					
29	6-Aug-20	930					
30	21-Oct-20	960					
31	18-Jan-21	960					
32	27-Apr-21	1200					
33	26-Jul-21	860					
34	14-Dec-21	890					
35	21-Feb-22	910					
36	6-Jun-22	750					
37	4-Aug-22	930					
38	19-Dec-22	640					
39	30-Jan-23	780					
40	23-May-23	720					
Coefficient of Variation:		0.28					
Mann-Kendall Statistic (S):		-593					
Confidence Factor:		>99.9%					
Concentration Trend:		Decreasing					



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S=0 = No Trend; < 90% and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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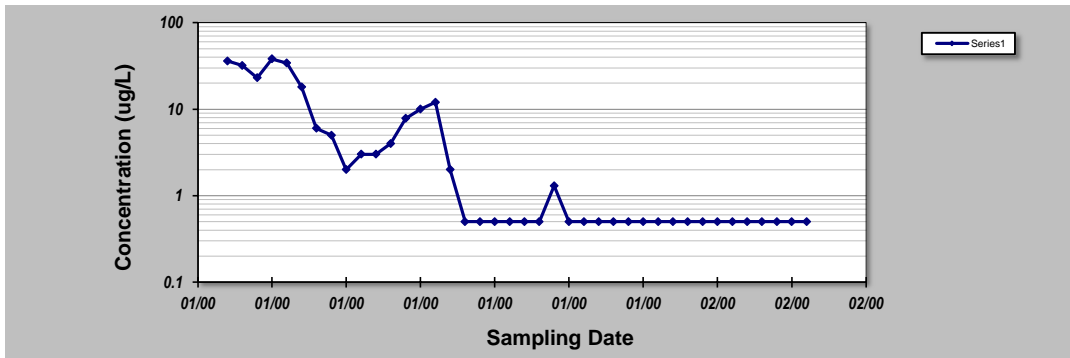
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: June 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-79d**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	12-Apr-13	36					
2	12-Jul-13	32					
3	15-Nov-13	23					
4	29-Apr-14	38					
5	8-Jul-14	34					
6	10-Oct-14	18					
7	21-Jan-15	6					
8	7-Apr-15	5					
9	22-Jul-15	2					
10	28-Oct-15	3					
11	17-Feb-16	3					
12	21-Apr-16	4					
13	30-Aug-16	7.8					
14	7-Dec-16	10					
15	1-Feb-17	12					
16	21-Jun-17	2					
17	24-Aug-17	0.5					
18	27-Oct-17	0.5					
19	30-Jan-18	0.5					
20	25-May-18	0.5					
21	6-Aug-18	0.5					
22	23-Oct-18	0.5					
23	23-Jan-19	1.3					
24	3-May-19	0.5					
25	7-Aug-19	0.5					
26	5-Nov-19	0.5					
27	27-Jan-20	0.5					
28	10-Apr-20	0.5					
29	14-Jul-20	0.5					
30	20-Oct-20	0.5					
31	14-Jan-21	0.5					
32	15-Apr-21	0.5					
33	22-Jul-21	0.5					
34	8-Dec-21	0.5					
35	14-Jan-22	0.5					
36	7-Apr-22	0.5					
37	15-Jul-22	0.5					
38	16-Dec-22	0.5					
39	18-Jan-23	0.5					
40	20-Apr-23	0.5					

Coefficient of Variation:	1.76
Mann-Kendall Statistic (S):	-451
Confidence Factor:	>99.9%
Concentration Trend:	Decreasing



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

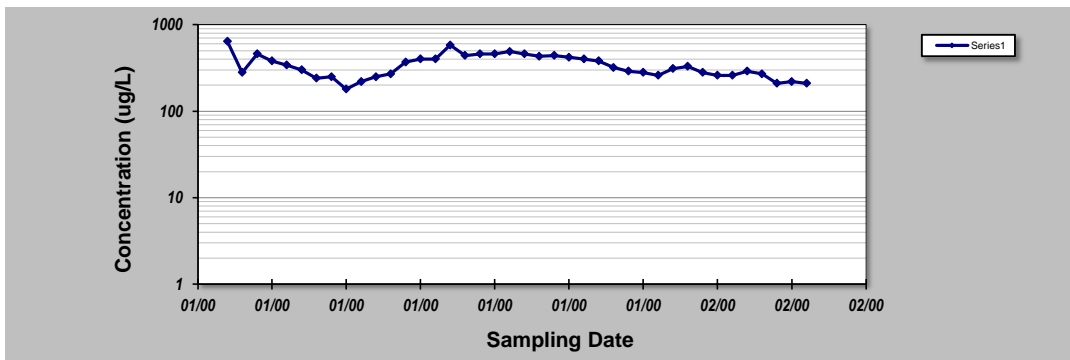
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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: June 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-79s**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	12-Jul-13	640					
2	15-Nov-13	280					
3	15-Nov-13	460					
4	29-Apr-14	380					
5	8-Jul-14	340					
6	10-Oct-14	300					
7	21-Jan-15	240					
8	7-Apr-15	250					
9	22-Jul-15	180					
10	28-Oct-15	220					
11	17-Feb-16	250					
12	21-Apr-16	270					
13	30-Aug-16	370					
14	7-Dec-16	400					
15	2-Feb-17	400					
16	21-Jun-17	580					
17	24-Aug-17	440					
18	27-Oct-17	460					
19	30-Jan-18	460					
20	25-May-18	490					
21	6-Aug-18	460					
22	23-Oct-18	430					
23	23-Jan-19	440					
24	3-May-19	420					
25	7-Aug-19	400					
26	5-Nov-19	380					
27	27-Jan-20	320					
28	10-Apr-20	290					
29	14-Jul-20	280					
30	20-Oct-20	260					
31	14-Jan-21	310					
32	15-Apr-21	330					
33	22-Jul-21	280					
34	8-Dec-21	260					
35	14-Jan-22	260					
36	7-Apr-22	290					
37	15-Jul-22	270					
38	16-Dec-22	210					
39	18-Jan-23	220					
40	20-Apr-23	210					
Coefficient of Variation:		0.31					
Mann-Kendall Statistic (S):		-192					
Confidence Factor:		98.7%					
Concentration Trend:		Decreasing					



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

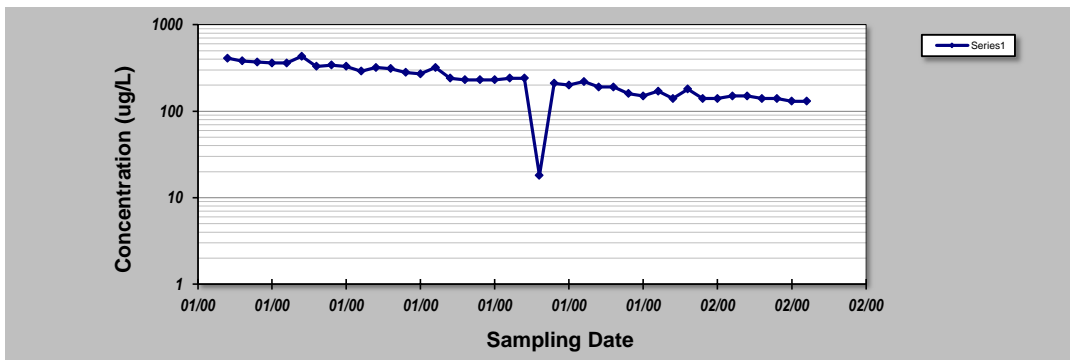
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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: June 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-81**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	25-Nov-13	410					
2	24-Feb-14	380					
3	29-Apr-14	370					
4	4-Sep-14	360					
5	11-Nov-14	360					
6	13-Mar-15	430					
7	8-Jun-15	330					
8	10-Aug-15	340					
9	24-Nov-15	330					
10	29-Feb-16	290					
11	9-May-16	320					
12	31-Aug-16	310					
13	21-Dec-16	280					
14	16-Feb-17	270					
15	21-Jun-17	320					
16	23-Aug-17	240					
17	27-Oct-17	230					
18	25-Jan-18	230					
19	22-May-18	230					
20	6-Aug-18	240					
21	25-Oct-18	240					
22	23-Jan-19	18					
23	8-Feb-19	210					
24	30-Apr-19	200					
25	9-Aug-19	220					
26	7-Nov-19	190					
27	21-Jan-20	190					
28	14-Apr-20	160					
29	17-Jul-20	150					
30	20-Oct-20	170					
31	22-Jan-21	140					
32	26-Apr-21	180					
33	4-Aug-21	140					
34	11-Dec-21	140					
35	15-Feb-22	150					
36	26-Apr-22	150					
37	19-Jul-22	140					
38	1-Nov-22	140					
39	30-Jan-23	130					
40	17-Apr-23	130					
Coefficient of Variation:		0.40					
Mann-Kendall Statistic (S):		-656					
Confidence Factor:		>99.9%					
Concentration Trend:		Decreasing					



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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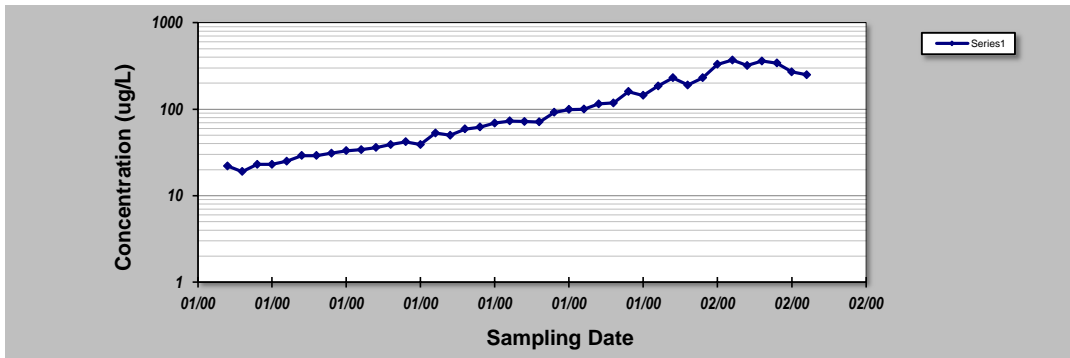
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: June 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-82s**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	10-Jan-05	22					
2	5-May-05	19					
3	5-Aug-05	23					
4	10-Oct-05	23					
5	16-Jan-06	25					
6	15-May-06	29					
7	17-Jul-06	29					
8	18-Oct-06	31					
9	5-Jan-07	33					
10	19-Apr-07	34					
11	19-Jul-07	36					
12	17-Oct-07	39					
13	25-Mar-08	42					
14	9-Apr-08	39					
15	18-Jul-08	53					
16	8-Oct-08	50					
17	26-Jan-09	59					
18	7-Apr-09	62					
19	15-Jul-09	69					
20	8-Oct-09	73					
21	14-Jan-10	72					
22	13-Apr-10	71					
23	15-Jul-10	92					
24	6-Aug-10	99					
25	8-Oct-10	100					
26	4-Jan-11	115					
27	14-Apr-11	118					
28	2-Aug-11	160					
29	19-Oct-11	144					
30	10-Aug-12	185					
31	17-Jul-13	230					
32	22-Aug-14	190					
33	24-Jul-15	230					
34	1-Sep-16	330					
35	24-Jul-17	370					
36	21-Sep-18	320					
37	9-Aug-19	360					
38	8-Sep-20	340					
39	21-Jul-21	270					
40	12-Jul-22	250					

Coefficient of Variation:	0.91		
Mann-Kendall Statistic (S):	728		
Confidence Factor:	>99.9%		
Concentration Trend:	Increasing		



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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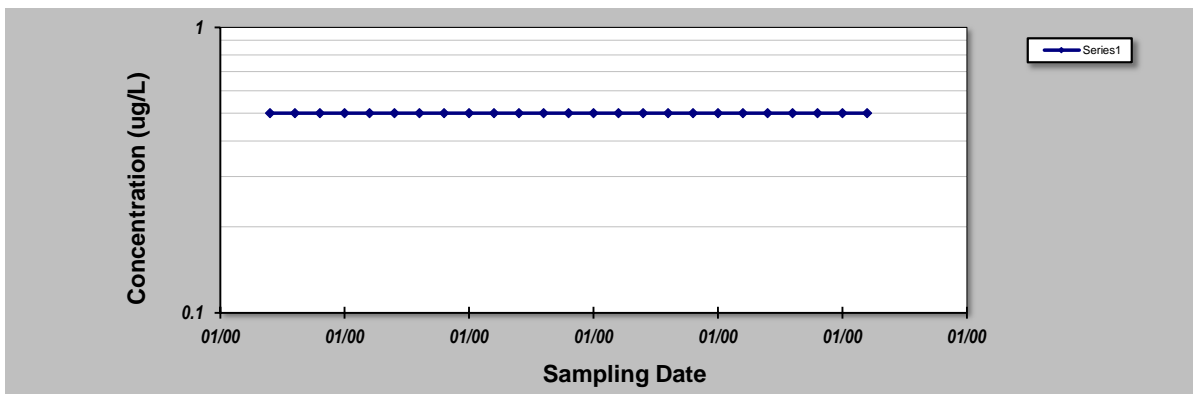
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: June 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-83d**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	16-Oct-02	0.5					
2	24-Jan-03	0.5					
3	23-Apr-03	0.5					
4	22-Jul-03	0.5					
5	21-Oct-03	0.5					
6	22-Jan-04	0.5					
7	16-Apr-04	0.5					
8	25-Oct-04	0.5					
9	6-Apr-05	0.5					
10	13-Oct-05	0.5					
11	8-May-06	0.5					
12	14-Jul-06	0.5					
13	10-Oct-06	0.5					
14	3-Jan-07	0.5					
15	16-Apr-07	0.5					
16	12-Jul-07	0.5					
17	15-Oct-07	0.5					
18	2-Jul-08	0.5					
19	8-Jul-09	0.5					
20	8-Jul-10	0.5					
21	1-Aug-11	0.5					
22	17-Jul-13	0.5					
23	21-Jul-15	0.5					
24	22-Jan-21	0.5					
25	20-Mar-23	0.5					
26							
27							
28							
29							
30							

Coefficient of Variation:	0.00
Mann-Kendall Statistic (S):	0
Confidence Factor:	49.1%
Concentration Trend:	Stable



Notes:

- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
- Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
- Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

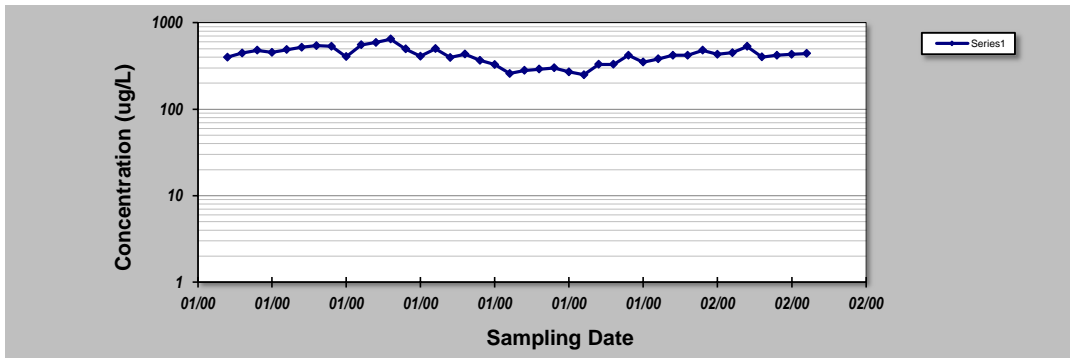
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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: June 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-83s**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	18-Jan-08	399					
2	18-Apr-08	445					
3	2-Jul-08	479					
4	7-Oct-08	454					
5	9-Jan-09	487					
6	2-Apr-09	520					
7	8-Jul-09	543					
8	6-Oct-09	533					
9	6-Jan-10	405					
10	5-Apr-10	554					
11	8-Jul-10	590					
12	12-Oct-10	645					
13	4-Jan-11	495					
14	1-Apr-11	410					
15	1-Aug-11	499					
16	5-Oct-11	396					
17	5-Jan-12	432					
18	20-Apr-12	367					
19	4-Oct-12	328					
20	15-Apr-13	258					
21	2-Oct-13	280					
22	7-Apr-14	290					
23	9-Oct-14	300					
24	18-May-15	270					
25	27-Oct-15	250					
26	6-May-16	330					
27	7-Dec-16	330					
28	20-Jun-17	420					
29	30-Oct-17	350					
30	5-Jun-18	380					
31	21-Nov-18	420					
32	30-Apr-19	420					
33	5-Nov-19	480					
34	2-Jun-20	430					
35	5-Nov-20	450					
36	14-May-21	530					
37	15-Dec-21	400					
38	1-Jun-22	420					
39	21-Nov-22	430					
40	11-Apr-23	440					
Coefficient of Variation:		0.22					
Mann-Kendall Statistic (S):		-104					
Confidence Factor:		88.4%					
Concentration Trend:		Stable					



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

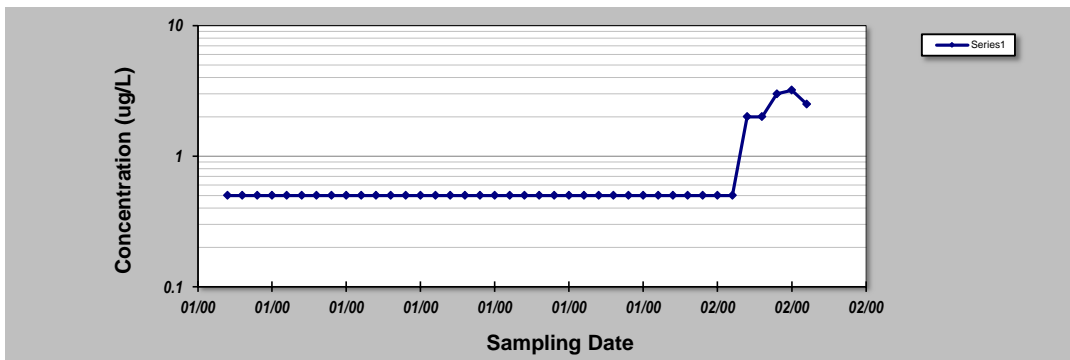
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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: June 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-84d**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	22-Sep-03	0.5					
2	21-Oct-03	0.5					
3	21-Nov-03	0.5					
4	5-Dec-03	0.5					
5	12-Jan-04	0.5					
6	19-Feb-04	0.5					
7	3-Mar-04	0.5					
8	2-Apr-04	0.5					
9	20-Oct-04	0.5					
10	8-Apr-05	0.5					
11	13-Oct-05	0.5					
12	8-May-06	0.5					
13	17-Jul-06	0.5					
14	10-Oct-06	0.5					
15	15-Jan-07	0.5					
16	13-Apr-07	0.5					
17	17-Jul-07	0.5					
18	16-Oct-07	0.5					
19	23-Jan-08	0.5					
20	18-Apr-08	0.5					
21	16-Jul-08	0.5					
22	17-Oct-08	0.5					
23	9-Jan-09	0.5					
24	8-Apr-09	0.5					
25	13-Jul-09	0.5					
26	13-Oct-09	0.5					
27	11-Jan-10	0.5					
28	15-Apr-10	0.5					
29	14-Jul-10	0.5					
30	13-Oct-10	0.5					
31	7-Jan-11	0.5					
32	7-Apr-11	0.5					
33	4-Aug-11	0.5					
34	12-Oct-11	0.5					
35	6-Jan-12	0.5					
36	9-Jul-14	2					
37	28-Jul-14	2					
38	6-Jul-15	3					
39	20-Jan-21	3.2					
40	22-Feb-23	2.5					
Coefficient of Variation:		0.94					
Mann-Kendall Statistic (S):		180					
Confidence Factor:		98.2%					
Concentration Trend:		Increasing					



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

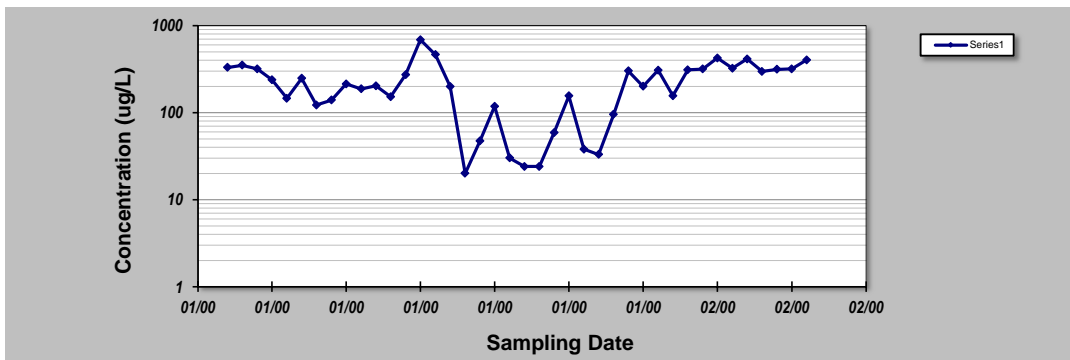
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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: June 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-84s**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	12-Jul-13	330					
2	10-Oct-13	350					
3	15-Jan-14	317					
4	7-Apr-14	238					
5	9-Jul-14	146					
6	9-Oct-14	247					
7	15-Jan-15	122					
8	6-Apr-15	139					
9	6-Jul-15	213					
10	29-Oct-15	187					
11	7-Jan-16	203					
12	4-Apr-16	152					
13	29-Jul-16	273					
14	19-Oct-16	687					
15	11-Jan-17	463					
16	11-Apr-17	199					
17	25-Jul-17	20					
18	5-Oct-17	47					
19	17-Jan-18	118					
20	4-Apr-18	30					
21	11-Jul-18	24					
22	2-Oct-18	24					
23	16-Jan-19	59					
24	4-Apr-19	155					
25	19-Jul-19	38					
26	7-Oct-19	33					
27	6-Jan-20	95					
28	9-Apr-20	300					
29	9-Jul-20	200					
30	1-Oct-20	307					
31	11-Jan-21	156					
32	8-Apr-21	310					
33	7-Jul-21	316					
34	4-Oct-21	423					
35	14-Jan-22	323					
36	12-Apr-22	413					
37	5-Jul-22	297					
38	6-Oct-22	313					
39	9-Jan-23	317					
40	11-Apr-23	403					
Coefficient of Variation:		0.65					
Mann-Kendall Statistic (S):		92					
Confidence Factor:		85.4%					
Concentration Trend:		No Trend					



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

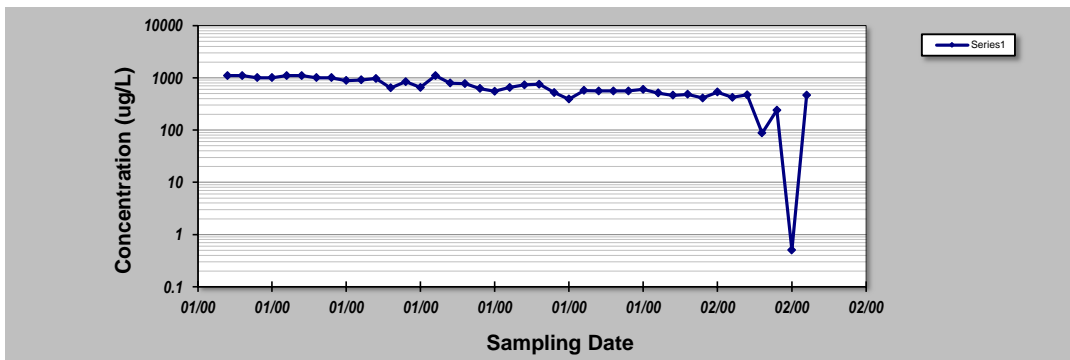
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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: June 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-85**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	25-Nov-13	1100					
2	17-Jan-14	1100					
3	4-Apr-14	1000					
4	20-Aug-14	1000					
5	31-Oct-14	1100					
6	22-Jan-15	1100					
7	8-Jun-15	1000					
8	6-Aug-15	1000					
9	30-Nov-15	880					
10	26-Feb-16	910					
11	22-Apr-16	970					
12	12-Sep-16	640					
13	21-Dec-16	840					
14	3-Feb-17	650					
15	22-Jun-17	1100					
16	29-Aug-17	790					
17	28-Nov-17	770					
18	29-Jan-18	620					
19	5-Jun-18	550					
20	6-Aug-18	650					
21	23-Oct-18	730					
22	22-Jan-19	750					
23	29-Apr-19	520					
24	8-Aug-19	390					
25	10-Oct-19	570					
26	27-Jan-20	560					
27	9-Apr-20	560					
28	16-Jul-20	560					
29	19-Oct-20	600					
30	14-Jan-21	510					
31	29-Apr-21	460					
32	23-Jul-21	480					
33	1-Nov-21	410					
34	14-Jan-22	530					
35	12-Apr-22	420					
36	15-Jul-22	470					
37	22-Nov-22	87					
38	30-Nov-22	240					
39	19-Jan-23	0.5					
40	11-Apr-23	460					
Coefficient of Variation:	0.42						
Mann-Kendall Statistic (S):	-599						
Confidence Factor:	>99.9%						
Concentration Trend:	Decreasing						



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

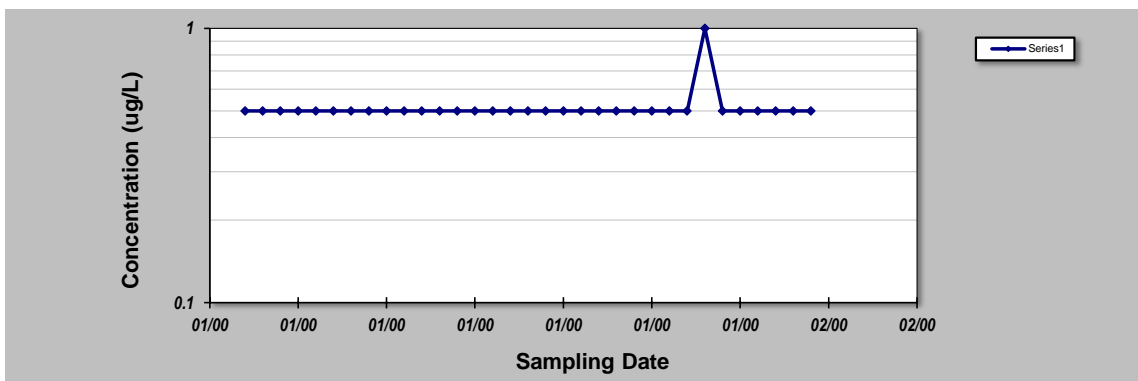
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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: June 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L
Sampling Point ID: MW-86	

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)						
1	14-Mar-03	0.5						
2	24-Apr-03	0.5						
3	27-May-03	0.5						
4	19-Jun-03	0.5						
5	30-Jul-03	0.5						
6	28-Aug-03	0.5						
7	26-Sep-03	0.5						
8	20-Oct-03	0.5						
9	25-Nov-03	0.5						
10	21-Jan-04	0.5						
11	13-Apr-04	0.5						
12	12-Jul-04	0.5						
13	25-Oct-04	0.5						
14	10-Jan-05	0.5						
15	4-May-05	0.5						
16	5-Aug-05	0.5						
17	14-Nov-05	0.5						
18	16-Jan-06	0.5						
19	17-May-06	0.5						
20	19-Jul-06	0.5						
21	18-Oct-06	0.5						
22	5-Jan-07	0.5						
23	16-Apr-07	0.5						
24	17-Jul-07	0.5						
25	12-Oct-07	0.5						
26	21-Jul-08	0.5						
27	11-Aug-09	1						
28	19-Jul-10	0.5						
29	3-Aug-11	0.5						
30	21-Aug-13	0.5						
31	21-Jul-15	0.5						
32	20-Jan-21	0.5						
33	22-Mar-23	0.5						
34								
35								

Coefficient of Variation:	0.17
Mann-Kendall Statistic (S):	20
Confidence Factor:	61.5%
Concentration Trend:	No Trend



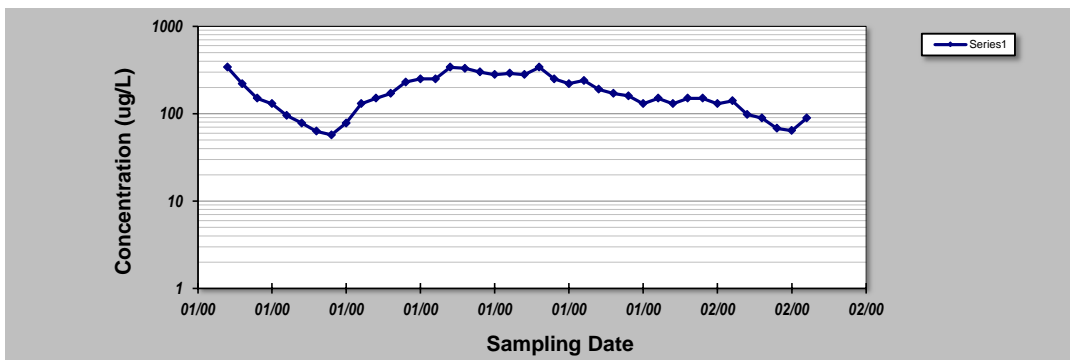
- Notes:**
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 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: June 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	2-Aug-13	340					
2	25-Nov-13	220					
3	17-Jan-14	150					
4	7-Apr-14	130					
5	20-Aug-14	95					
6	31-Oct-14	78					
7	22-Jan-15	63					
8	15-May-15	57					
9	24-Jul-15	78					
10	20-Nov-15	130					
11	19-Feb-16	150					
12	26-Apr-16	170					
13	9-Sep-16	230					
14	20-Dec-16	250					
15	2-Feb-17	250					
16	15-Jun-17	340					
17	29-Aug-17	330					
18	7-Nov-17	300					
19	1-Feb-18	280					
20	22-May-18	290					
21	6-Aug-18	280					
22	23-Oct-18	340					
23	23-Jan-19	250					
24	29-Apr-19	220					
25	8-Aug-19	240					
26	7-Nov-19	190					
27	27-Jan-20	170					
28	9-Apr-20	160					
29	17-Jul-20	130					
30	19-Oct-20	150					
31	14-Jan-21	130					
32	26-Apr-21	150					
33	23-Jul-21	150					
34	8-Dec-21	130					
35	20-Jan-22	140					
36	18-May-22	98					
37	15-Jul-22	89					
38	2-Nov-22	68					
39	19-Jan-23	64					
40	20-Apr-23	89					
Coefficient of Variation:		0.49					
Mann-Kendall Statistic (S):		-159					
Confidence Factor:		96.7%					
Concentration Trend:		Decreasing					



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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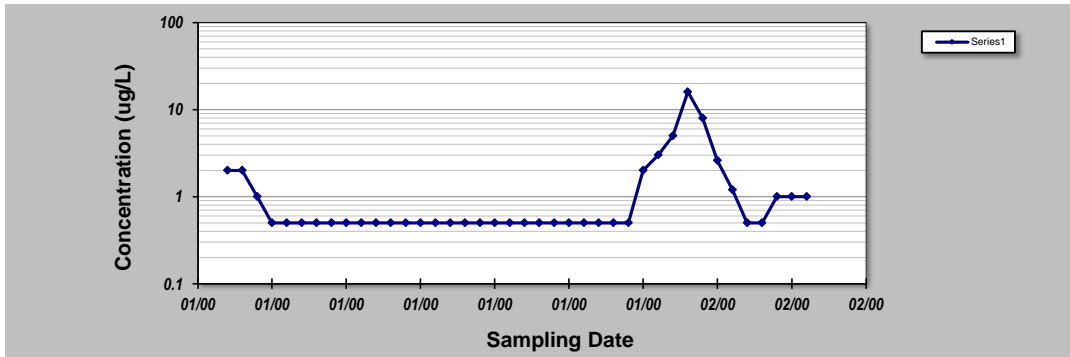
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: June 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-89**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	8-Jul-04	2					
2	20-Oct-04	2					
3	13-Jan-05	1					
4	4-May-05	0.5					
5	5-Aug-05	0.5					
6	13-Oct-05	0.5					
7	19-Jan-06	0.5					
8	9-May-06	0.5					
9	9-Jun-06	0.5					
10	5-Jul-06	0.5					
11	10-Aug-06	0.5					
12	5-Sep-06	0.5					
13	2-Oct-06	0.5					
14	16-Nov-06	0.5					
15	11-Dec-06	0.5					
16	5-Jan-07	0.5					
17	13-Feb-07	0.5					
18	20-Mar-07	0.5					
19	10-Apr-07	0.5					
20	15-May-07	0.5					
21	7-Jun-07	0.5					
22	9-Jul-07	0.5					
23	9-Aug-07	0.5					
24	6-Sep-07	0.5					
25	12-Oct-07	0.5					
26	21-Jul-08	0.5					
27	24-Jul-09	0.5					
28	8-Jul-10	0.5					
29	3-Aug-11	2					
30	9-Aug-12	3					
31	17-Jul-13	5					
32	14-Jul-14	16					
33	21-Jul-15	8					
34	1-Sep-16	2.6					
35	23-Aug-17	1.2					
36	25-Sep-18	0.5					
37	14-Aug-19	0.5					
38	17-Jul-20	1					
39	21-Jul-21	1					
40	27-Jul-22	1					

Coefficient of Variation:	1.86
Mann-Kendall Statistic (S):	146
Confidence Factor:	95.4%
Concentration Trend:	Increasing



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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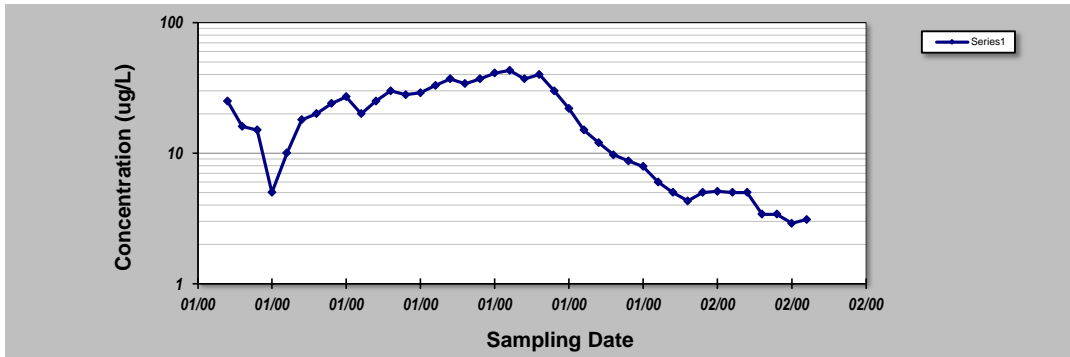
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: July 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-90**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	29-Mar-13	25					
2	22-May-13	16					
3	21-Aug-13	15					
4	12-Nov-13	5					
5	14-Mar-14	10					
6	6-May-14	18					
7	7-Aug-14	20					
8	10-Nov-14	24					
9	13-Mar-15	27					
10	18-May-15	20					
11	4-Aug-15	25					
12	18-Nov-15	30					
13	10-Feb-16	28					
14	5-May-16	29					
15	25-Aug-16	33					
16	23-Dec-16	37					
17	3-Feb-17	34					
18	2-May-17	37					
19	23-Aug-17	41					
20	10-Oct-17	43					
21	24-Jan-18	37					
22	16-May-18	40					
23	23-Aug-18	30					
24	5-Dec-18	22					
25	20-Mar-19	15					
26	26-Apr-19	12					
27	14-Aug-19	9.7					
28	6-Nov-19	8.7					
29	21-Jan-20	7.9					
30	16-Apr-20	6					
31	17-Jul-20	5					
32	21-Oct-20	4.3					
33	20-Jan-21	5					
34	26-Apr-21	5.1					
35	21-Jul-21	5					
36	14-Dec-21	5					
37	27-Jul-22	3.4					
38	1-Nov-22	3.4					
39	18-Jan-23	2.9					
40	24-Apr-23	3.1					

Coefficient of Variation:	0.69
Mann-Kendall Statistic (S):	-284
Confidence Factor:	>99.9%
Concentration Trend:	Decreasing



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

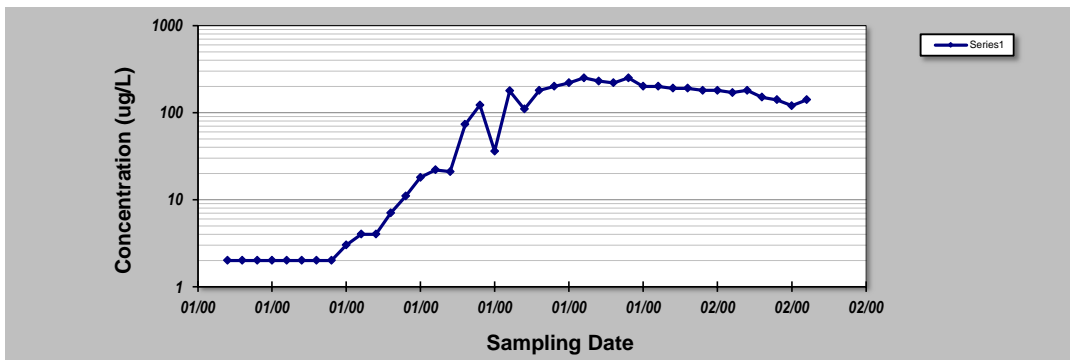
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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: July 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-91**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	19-Feb-07	2					
2	20-Mar-07	2					
3	11-Apr-07	2					
4	15-May-07	2					
5	11-Jun-07	2					
6	9-Jul-07	2					
7	6-Aug-07	2					
8	6-Sep-07	2					
9	15-Oct-07	3					
10	4-Apr-08	4					
11	14-Oct-08	4					
12	7-Apr-09	7					
13	6-Nov-09	11					
14	13-Apr-10	18					
15	14-Oct-10	22					
16	26-Apr-11	21					
17	16-Nov-11	73					
18	2-Apr-12	122					
19	31-Oct-12	36					
20	24-May-13	178					
21	18-Nov-13	110					
22	12-May-14	180					
23	11-Nov-14	200					
24	12-May-15	220					
25	20-Nov-15	250					
26	9-May-16	230					
27	13-Dec-16	220					
28	20-Jun-17	250					
29	27-Oct-17	200					
30	22-May-18	200					
31	16-Nov-18	190					
32	29-Apr-19	190					
33	11-Nov-19	180					
34	21-Apr-20	180					
35	21-Oct-20	170					
36	28-Apr-21	180					
37	21-Dec-21	150					
38	15-Jun-22	140					
39	16-Dec-22	120					
40	26-Apr-23	140					
Coefficient of Variation:	0.87						
Mann-Kendall Statistic (S):	444						
Confidence Factor:	>99.9%						
Concentration Trend:	Increasing						



Notes:

- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
- Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
- Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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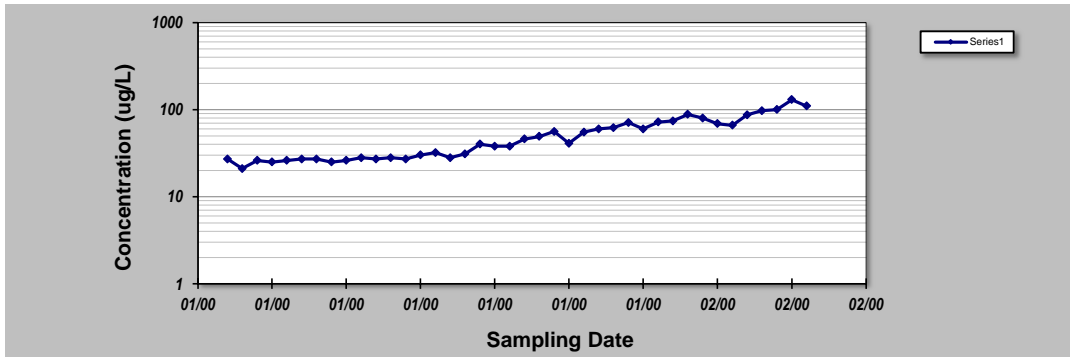
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: July 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-92**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	26-Aug-13	27					
2	10-Oct-13	21					
3	24-Feb-14	26					
4	11-Jun-14	25					
5	10-Jul-14	26					
6	10-Nov-14	27					
7	25-Mar-15	27					
8	4-Jun-15	25					
9	24-Jul-15	26					
10	20-Nov-15	28					
11	10-Feb-16	27					
12	6-May-16	28					
13	25-Aug-16	27					
14	6-Dec-16	30					
15	26-Jan-17	32					
16	2-May-17	28					
17	23-Aug-17	31					
18	10-Oct-17	40					
19	24-Jan-18	38					
20	16-May-18	38					
21	23-Aug-18	46					
22	9-Nov-18	49					
23	20-Mar-19	56					
24	25-Apr-19	41					
25	19-Aug-19	55					
26	11-Nov-19	60					
27	12-Feb-20	62					
28	16-Apr-20	71					
29	21-Jul-20	60					
30	21-Oct-20	72					
31	21-Jan-21	74					
32	19-Apr-21	88					
33	22-Jul-21	80					
34	15-Dec-21	69					
35	22-Feb-22	66					
36	26-Apr-22	87					
37	27-Jul-22	97					
38	1-Nov-22	100					
39	15-Feb-23	130					
40	18-Apr-23	110					

Coefficient of Variation:	0.54
Mann-Kendall Statistic (S):	679
Confidence Factor:	>99.9%
Concentration Trend:	Increasing



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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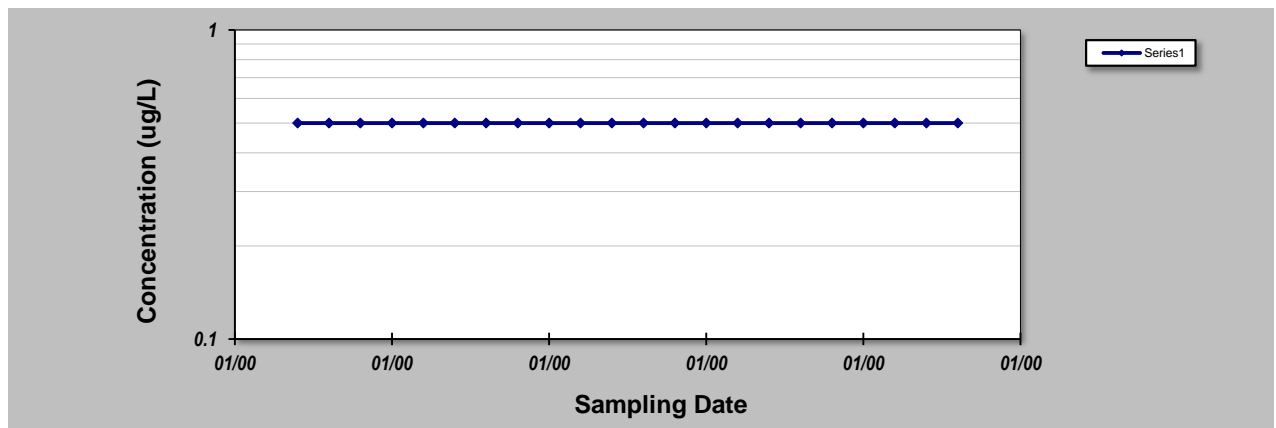
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: **July 2023** Job ID: **806500**
 Facility Name: **Gelman Corporation** Constituent: **1,4-Dioxane**
 Conducted By: **Nicholas M Moleski** Concentration Units: **ug/L**

Sampling Point ID: **MW-97d**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	5-Apr-06	0.5					
2	2-Aug-06	0.5					
3	13-Nov-06	0.5					
4	18-Jan-07	0.5					
5	19-Apr-07	0.5					
6	19-Jul-07	0.5					
7	12-Oct-07	0.5					
8	21-Jul-08	0.5					
9	14-Jul-09	0.5					
10	21-Jul-10	0.5					
11	24-Sep-11	0.5					
12	17-Jul-12	0.5					
13	19-Aug-13	0.5					
14	14-Aug-14	0.5					
15	20-Jul-15	0.5					
16	1-Sep-16	0.5					
17	12-Jul-17	0.5					
18	10-Sep-18	0.5					
19	16-Aug-19	0.5					
20	20-Jul-20	0.5					
21	20-Jul-21	0.5					
22	20-Jul-22	0.5					
23							
24							
25							

Coefficient of Variation: **0.00**
 Mann-Kendall Statistic (S): **0**
 Confidence Factor: **48.9%**
 Concentration Trend: **Stable**



Notes:

- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
- Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
- Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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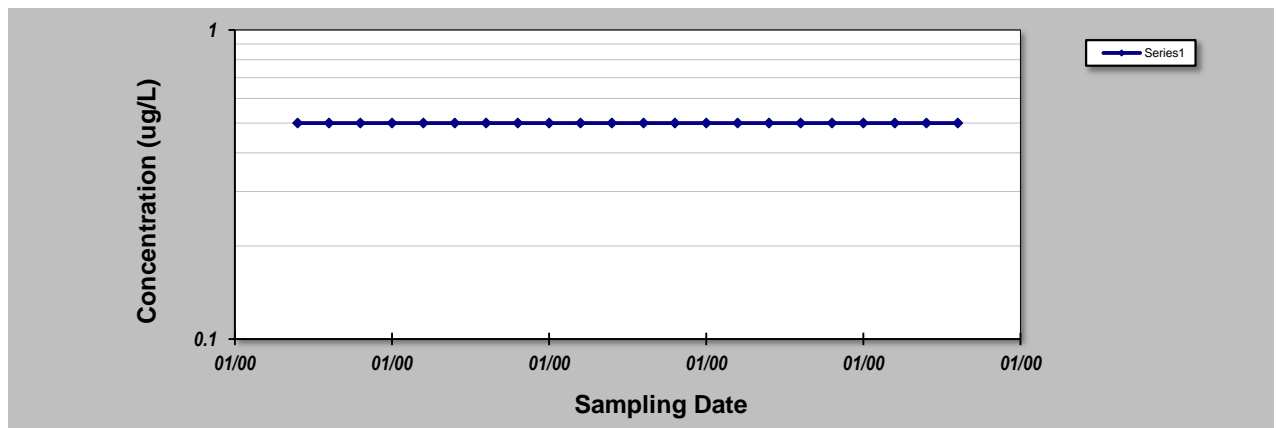
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: **July 2023** Job ID: **806500**
 Facility Name: **Gelman Corporation** Constituent: **1,4-Dioxane**
 Conducted By: **Nicholas M Moleski** Concentration Units: **ug/L**

Sampling Point ID: **MW-97s**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	5-Apr-06	0.5					
2	2-Aug-06	0.5					
3	13-Nov-06	0.5					
4	18-Jan-07	0.5					
5	19-Apr-07	0.5					
6	19-Jul-07	0.5					
7	12-Oct-07	0.5					
8	21-Jul-08	0.5					
9	14-Jul-09	0.5					
10	21-Jul-10	0.5					
11	24-Sep-11	0.5					
12	17-Jul-12	0.5					
13	19-Aug-13	0.5					
14	14-Aug-14	0.5					
15	20-Jul-15	0.5					
16	1-Sep-16	0.5					
17	12-Jul-17	0.5					
18	10-Sep-18	0.5					
19	16-Aug-19	0.5					
20	20-Jul-20	0.5					
21	20-Jul-21	0.5					
22	20-Jul-22	0.5					
23							
24							
25							

Coefficient of Variation: **0.00**
 Mann-Kendall Statistic (S): **0**
 Confidence Factor: **48.9%**
 Concentration Trend: **Stable**



Notes:

- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
- Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
- Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

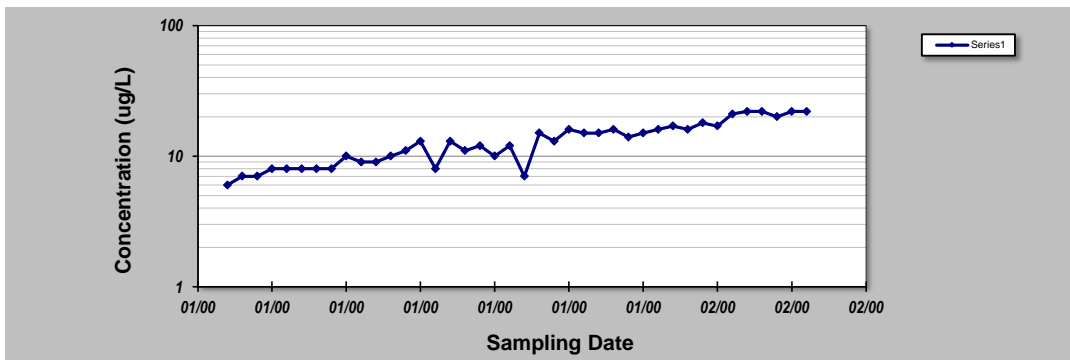
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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: July 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-98d**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	12-Oct-07	6					
2	25-Mar-08	7					
3	22-Apr-08	7					
4	18-Jul-08	8					
5	6-Nov-08	8					
6	25-Feb-09	8					
7	9-Apr-09	8					
8	10-Jul-09	8					
9	21-Oct-09	10					
10	15-Jan-10	9					
11	19-Apr-10	9					
12	30-Jul-10	10					
13	22-Oct-10	11					
14	4-Feb-11	13					
15	20-Apr-11	8					
16	3-Aug-11	13					
17	17-Nov-11	11					
18	22-May-12	12					
19	15-Oct-12	10					
20	23-May-13	12					
21	18-Nov-13	7					
22	6-May-14	15					
23	20-Oct-14	13					
24	12-May-15	16					
25	13-Nov-15	15					
26	5-May-16	15					
27	9-Nov-16	16					
28	31-May-17	14					
29	9-Oct-17	15					
30	12-Jun-18	16					
31	12-Nov-18	17					
32	29-Apr-19	16					
33	11-Nov-19	18					
34	21-Apr-20	17					
35	29-Oct-20	21					
36	29-Apr-21	22					
37	14-Dec-21	22					
38	10-May-22	20					
39	1-Nov-22	22					
40	26-Apr-23	22					
Coefficient of Variation:	0.37						
Mann-Kendall Statistic (S):	632						
Confidence Factor:	>99.9%						
Concentration Trend:	Increasing						



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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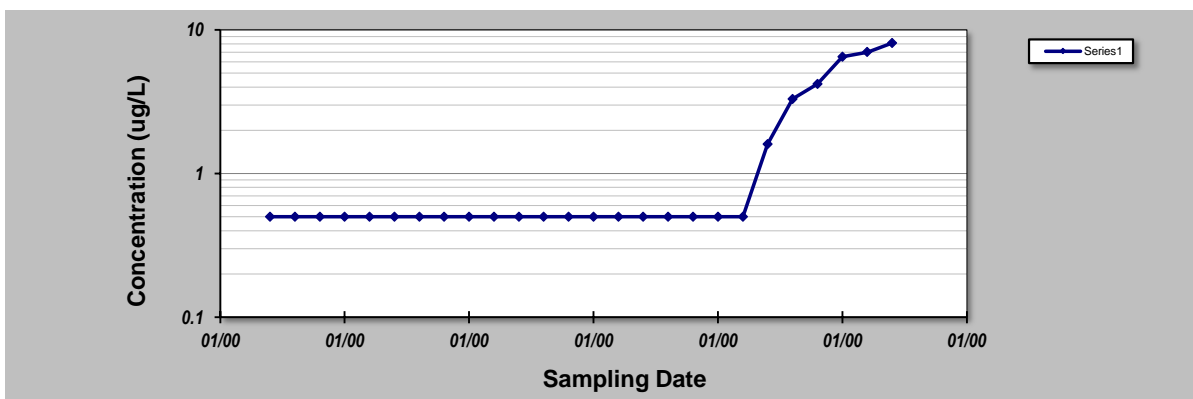
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: July 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-98s**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	3-Apr-06	0.5					
2	2-Aug-06	0.5					
3	27-Oct-06	0.5					
4	15-Jan-07	0.5					
5	19-Apr-07	0.5					
6	17-Jul-07	0.5					
7	12-Oct-07	0.5					
8	22-Apr-08	0.5					
9	6-Nov-08	0.5					
10	9-Apr-09	0.5					
11	21-Oct-09	0.5					
12	19-Apr-10	0.5					
13	22-Oct-10	0.5					
14	20-Apr-11	0.5					
15	17-Nov-11	0.5					
16	24-Jul-12	0.5					
17	21-Aug-13	0.5					
18	14-Aug-14	0.5					
19	20-Jul-15	0.5					
20	1-Sep-16	0.5					
21	24-Jul-17	1.6					
22	10-Sep-18	3.3					
23	19-Aug-19	4.2					
24	8-Sep-20	6.5					
25	23-Jul-21	7					
26	19-Sep-22	8.1					
27							
28							
29							
30							

Coefficient of Variation:	1.45
Mann-Kendall Statistic (S):	135
Confidence Factor:	99.9%
Concentration Trend:	Increasing



Notes:

- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
- Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
- Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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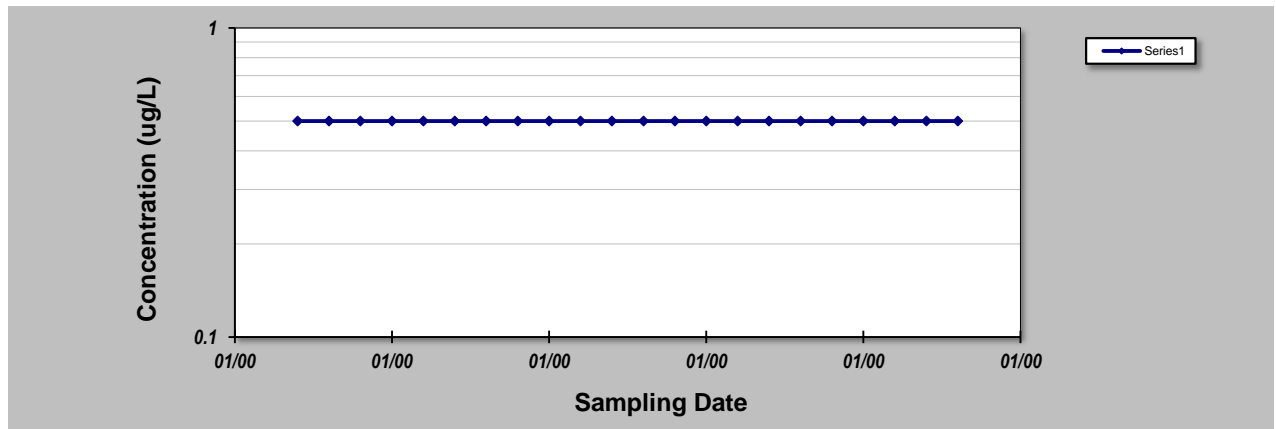
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: **July 2023** Job ID: **806500**
 Facility Name: **Gelman Corporation** Constituent: **1,4-Dioxane**
 Conducted By: **Nicholas M Moleski** Concentration Units: **ug/L**

Sampling Point ID: **MW-99d**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	3-Apr-06	0.5					
2	3-Aug-06	0.5					
3	24-Oct-06	0.5					
4	15-Jan-07	0.5					
5	16-Apr-07	0.5					
6	17-Jul-07	0.5					
7	11-Oct-07	0.5					
8	18-Jul-08	0.5					
9	10-Jul-09	0.5					
10	15-Jul-10	0.5					
11	3-Aug-11	0.5					
12	17-Jul-12	0.5					
13	19-Aug-13	0.5					
14	12-Aug-14	0.5					
15	20-Jul-15	0.5					
16	1-Sep-16	0.5					
17	12-Jul-17	0.5					
18	10-Sep-18	0.5					
19	16-Aug-19	0.5					
20	13-Aug-20	0.5					
21	20-Jul-21	0.5					
22	5-Aug-22	0.5					
23							
24							
25							

Coefficient of Variation: **0.00**
 Mann-Kendall Statistic (S): **0**
 Confidence Factor: **48.9%**
 Concentration Trend: **Stable**



Notes:

- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
- Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
- Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

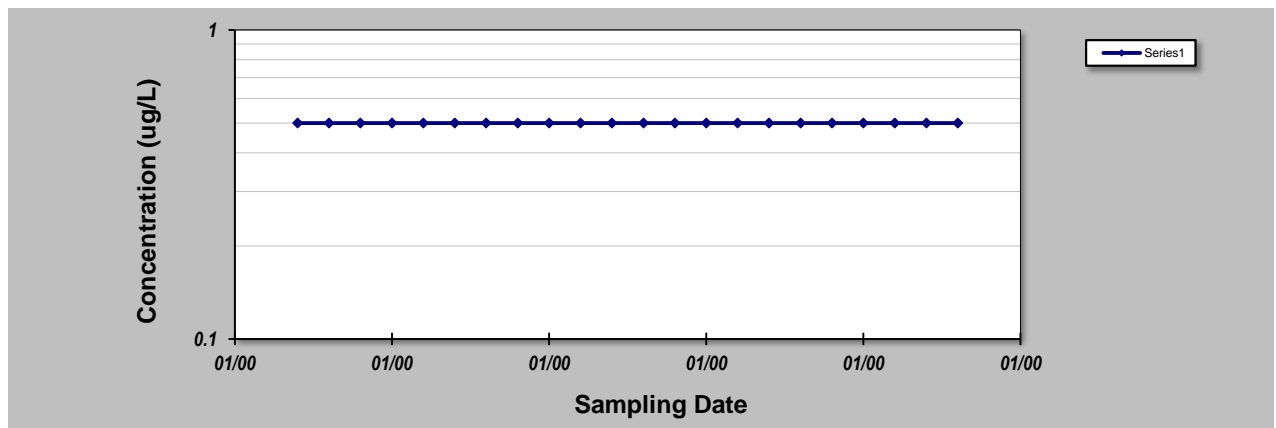
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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: **July 2023** Job ID: **806500**
 Facility Name: **Gelman Corporation** Constituent: **1,4-Dioxane**
 Conducted By: **Nicholas M Moleski** Concentration Units: **ug/L**

Sampling Point ID: **MW-99s**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	3-Apr-06	0.5					
2	3-Aug-06	0.5					
3	24-Oct-06	0.5					
4	15-Jan-07	0.5					
5	16-Apr-07	0.5					
6	17-Jul-07	0.5					
7	11-Oct-07	0.5					
8	18-Jul-08	0.5					
9	10-Jul-09	0.5					
10	15-Jul-10	0.5					
11	3-Aug-11	0.5					
12	17-Jul-12	0.5					
13	19-Aug-13	0.5					
14	12-Aug-14	0.5					
15	20-Jul-15	0.5					
16	1-Sep-16	0.5					
17	12-Jul-17	0.5					
18	10-Sep-18	0.5					
19	16-Aug-19	0.5					
20	13-Aug-20	0.5					
21	20-Jul-21	0.5					
22	5-Aug-22	0.5					
23							
24							
25							
Coefficient of Variation:		0.00					
Mann-Kendall Statistic (S):		0					
Confidence Factor:		48.9%					
Concentration Trend:		Stable					



Notes:

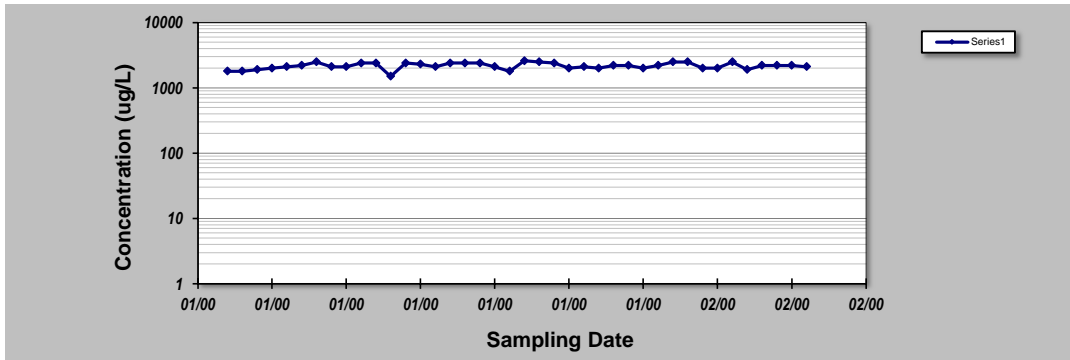
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
- Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
- Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: July 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	19-Jul-13	1800					
2	10-Oct-13	1800					
3	5-Mar-14	1900					
4	6-Jun-14	2000					
5	19-Aug-14	2100					
6	12-Nov-14	2200					
7	10-Mar-15	2500					
8	8-Jun-15	2100					
9	10-Aug-15	2100					
10	24-Nov-15	2400					
11	23-Feb-16	2400					
12	23-Jun-16	1500					
13	23-Sep-16	2400					
14	13-Dec-16	2300					
15	7-Feb-17	2100					
16	8-Jun-17	2400					
17	12-Sep-17	2400					
18	20-Dec-17	2400					
19	19-Mar-18	2100					
20	15-May-18	1800					
21	25-Sep-18	2600					
22	6-Dec-18	2500					
23	22-Mar-19	2400					
24	15-Apr-19	2000					
25	26-Aug-19	2100					
26	16-Dec-19	2000					
27	25-Feb-20	2200					
28	24-Apr-20	2200					
29	22-Jul-20	2000					
30	28-Oct-20	2200					
31	24-Feb-21	2500					
32	18-May-21	2500					
33	4-Aug-21	2000					
34	16-Dec-21	2000					
35	18-Mar-22	2500					
36	18-May-22	1900					
37	20-Sep-22	2200					
38	2-Nov-22	2200					
39	23-Mar-23	2200					
40	23-May-23	2100					
Coefficient of Variation:		0.11					
Mann-Kendall Statistic (S):		84					
Confidence Factor:		83.2%					
Concentration Trend:		No Trend					



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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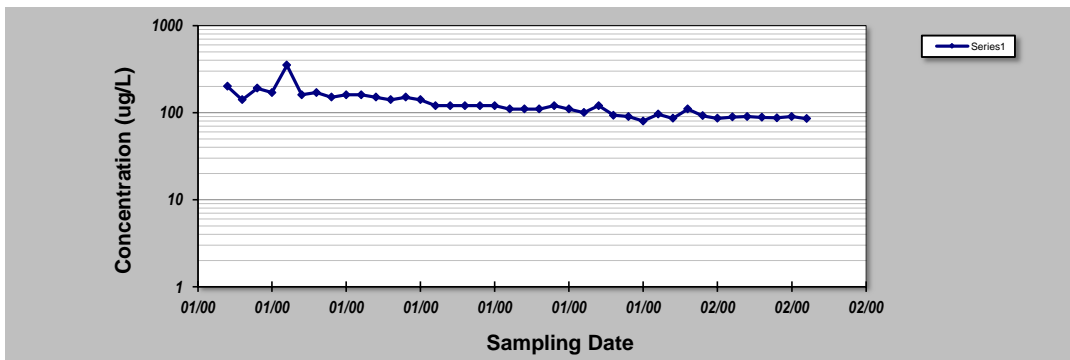
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: July 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-101**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	26-Aug-13	200					
2	19-Nov-13	140					
3	17-Jan-14	190					
4	7-Apr-14	170					
5	10-Jul-14	350					
6	12-Nov-14	160					
7	13-Mar-15	170					
8	4-Jun-15	150					
9	27-Jul-15	160					
10	20-Nov-15	160					
11	9-Feb-16	150					
12	26-Apr-16	140					
13	31-Aug-16	150					
14	23-Dec-16	140					
15	1-Feb-17	120					
16	1-Jun-17	120					
17	29-Aug-17	120					
18	27-Oct-17	120					
19	25-Jan-18	120					
20	8-Jun-18	110					
21	16-Aug-18	110					
22	29-Nov-18	110					
23	17-Jan-19	120					
24	5-Apr-19	110					
25	22-Jul-19	100					
26	8-Oct-19	120					
27	21-Jan-20	93					
28	14-Apr-20	90					
29	14-Jul-20	80					
30	15-Oct-20	96					
31	11-Jan-21	86					
32	14-Apr-21	110					
33	15-Jul-21	92					
34	23-Nov-21	86					
35	20-Jan-22	89					
36	7-Apr-22	90					
37	18-Jul-22	88					
38	18-Oct-22	87					
39	27-Jan-23	90					
40	17-Apr-23	85					

Coefficient of Variation:	0.38
Mann-Kendall Statistic (S):	-6.17
Confidence Factor:	>99.9%
Concentration Trend:	Decreasing



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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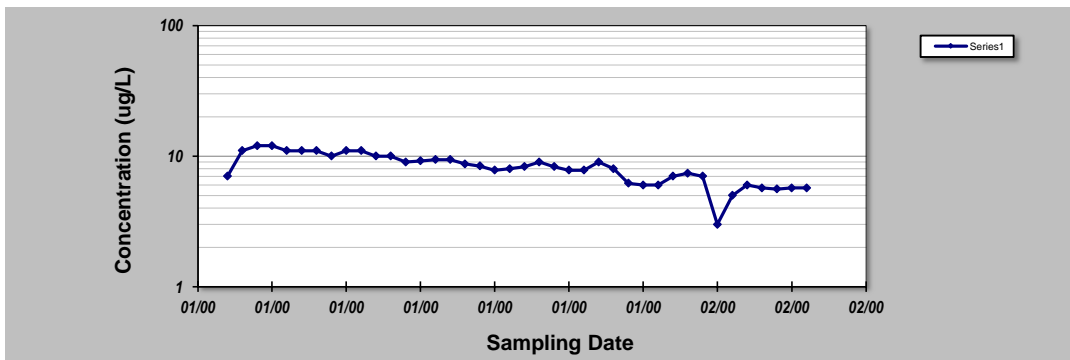
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: July 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-103d**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	8-Nov-13	7					
2	15-Jan-14	11					
3	16-Apr-14	12					
4	11-Jul-14	12					
5	8-Oct-14	11					
6	12-Jan-15	11					
7	14-Apr-15	11					
8	2-Jul-15	10					
9	5-Aug-15	11					
10	29-Oct-15	11					
11	3-Feb-16	10					
12	3-May-16	10					
13	12-Sep-16	9					
14	2-Nov-16	9.2					
15	4-Jan-17	9.4					
16	19-May-17	9.4					
17	24-Jul-17	8.7					
18	20-Nov-17	8.4					
19	22-Jan-18	7.8					
20	2-May-18	8					
21	9-Aug-18	8.3					
22	3-Dec-18	9					
23	14-Mar-19	8.3					
24	2-May-19	7.8					
25	18-Jul-19	7.8					
26	4-Oct-19	9					
27	10-Jan-20	8					
28	8-Apr-20	6.2					
29	9-Jul-20	6					
30	4-Dec-20	6					
31	6-Jan-21	7					
32	8-Apr-21	7.4					
33	6-Jul-21	7					
34	22-Nov-21	3					
35	19-Jan-22	5					
36	11-Apr-22	6					
37	3-Aug-22	5.7					
38	7-Nov-22	5.6					
39	11-Jan-23	5.7					
40	3-Apr-23	5.7					

Coefficient of Variation:	0.26		
Mann-Kendall Statistic (S):	-583		
Confidence Factor:	>99.9%		
Concentration Trend:	Decreasing		



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

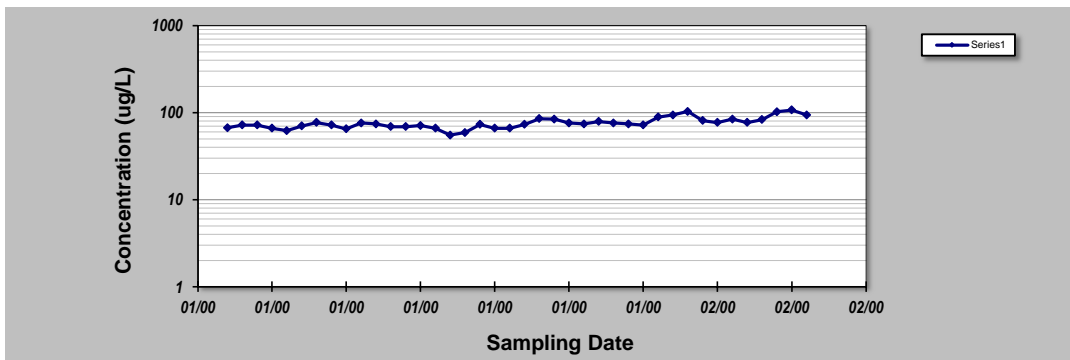
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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: July 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-103s**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	8-Jul-13	67					
2	8-Oct-13	72					
3	15-Jan-14	72					
4	16-Apr-14	66					
5	11-Jul-14	62					
6	8-Oct-14	70					
7	12-Jan-15	77					
8	14-Apr-15	72					
9	2-Jul-15	65					
10	29-Oct-15	76					
11	7-Jan-16	74					
12	5-Apr-16	69					
13	29-Jul-16	69					
14	18-Oct-16	71					
15	4-Jan-17	66					
16	10-Apr-17	55					
17	24-Jul-17	59					
18	5-Oct-17	73					
19	8-Jan-18	66					
20	4-Apr-18	66					
21	11-Jul-18	73					
22	3-Oct-18	85					
23	16-Jan-19	84					
24	4-Apr-19	76					
25	18-Jul-19	74					
26	4-Oct-19	79					
27	17-Jan-20	76					
28	8-Apr-20	74					
29	9-Jul-20	72					
30	20-Oct-20	89					
31	6-Jan-21	94					
32	8-Apr-21	103					
33	6-Jul-21	81					
34	5-Oct-21	77					
35	19-Jan-22	84					
36	1-Apr-22	77					
37	6-Jul-22	83					
38	10-Oct-22	102					
39	11-Jan-23	107					
40	3-Apr-23	94					
Coefficient of Variation:		0.15					
Mann-Kendall Statistic (S):		397					
Confidence Factor:		>99.9%					
Concentration Trend:		Increasing					



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

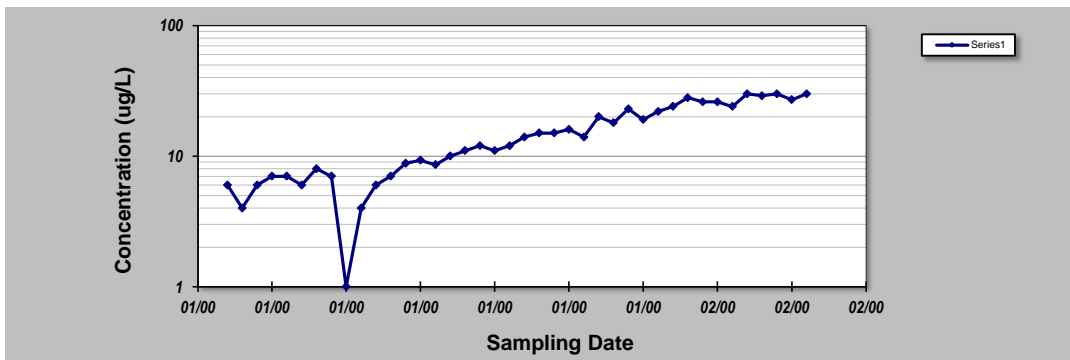
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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: July 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-104**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	13-Mar-15	6					
2	18-May-15	4					
3	24-Jul-15	6					
4	18-Nov-15	7					
5	29-Jan-16	7					
6	18-Feb-16	6					
7	18-Feb-16	8					
8	4-Mar-16	7					
9	4-Mar-16	1					
10	16-Mar-16	4					
11	16-Mar-16	6					
12	7-Apr-16	7					
13	30-Aug-16	8.8					
14	22-Dec-16	9.3					
15	1-Feb-17	8.6					
16	25-May-17	10					
17	22-Aug-17	11					
18	26-Oct-17	12					
19	24-Jan-18	11					
20	8-Jun-18	12					
21	16-Aug-18	14					
22	9-Nov-18	15					
23	17-Jan-19	15					
24	12-Apr-19	16					
25	19-Jul-19	14					
26	8-Oct-19	20					
27	17-Jan-20	18					
28	9-Apr-20	23					
29	14-Jul-20	19					
30	15-Oct-20	22					
31	11-Jan-21	24					
32	13-Apr-21	28					
33	7-Jul-21	26					
34	6-Oct-21	26					
35	19-Jan-22	24					
36	7-Apr-22	30					
37	18-Jul-22	29					
38	18-Oct-22	30					
39	19-Jan-23	27					
40	17-Apr-23	30					
Coefficient of Variation:	0.58						
Mann-Kendall Statistic (S):	670						
Confidence Factor:	>99.9%						
Concentration Trend:	Increasing						



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S=0 = No Trend; < 90% and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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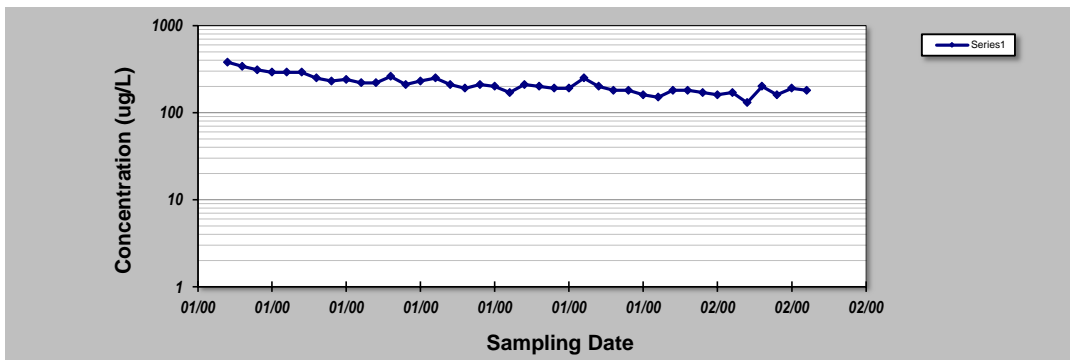
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: July 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-105d**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	27-Aug-13	380					
2	25-Nov-13	340					
3	24-Feb-14	310					
4	7-May-14	290					
5	9-Jul-14	290					
6	11-Nov-14	290					
7	18-Mar-15	250					
8	15-May-15	230					
9	29-Jul-15	240					
10	7-Dec-15	220					
11	16-Feb-16	220					
12	11-May-16	260					
13	17-Aug-16	210					
14	9-Nov-16	230					
15	26-Jan-17	250					
16	25-May-17	210					
17	23-Aug-17	190					
18	19-Dec-17	210					
19	15-Mar-18	200					
20	14-May-18	170					
21	24-Sep-18	210					
22	18-Oct-18	200					
23	13-Mar-19	190					
24	23-Apr-19	190					
25	27-Aug-19	250					
26	14-Nov-19	200					
27	19-Feb-20	180					
28	10-Jun-20	180					
29	11-Aug-20	160					
30	11-Nov-20	150					
31	26-Jan-21	180					
32	9-Apr-21	180					
33	27-Jul-21	170					
34	13-Dec-21	160					
35	7-Feb-22	170					
36	19-Apr-22	130					
37	12-Aug-22	200					
38	16-Nov-22	160					
39	23-Feb-23	190					
40	10-May-23	180					

Coefficient of Variation:	0.25
Mann-Kendall Statistic (S):	-552
Confidence Factor:	>99.9%
Concentration Trend:	Decreasing



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S=0 = No Trend; < 90% and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

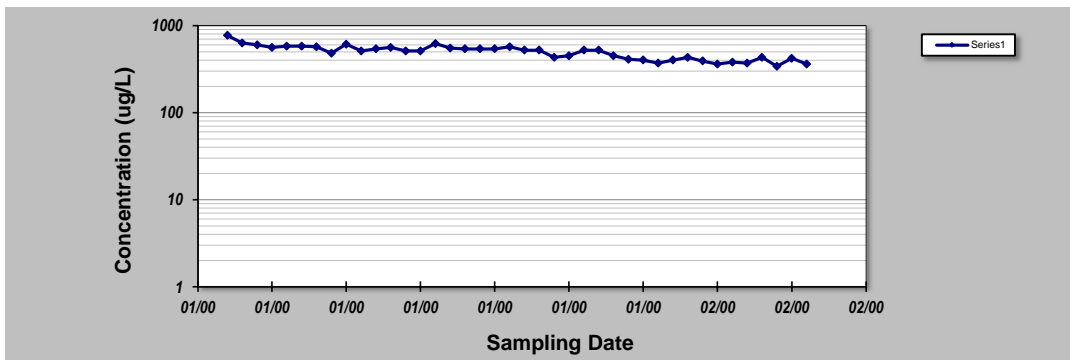
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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: July 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-105s**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	27-Aug-13	770					
2	25-Nov-13	630					
3	24-Feb-14	600					
4	7-May-14	560					
5	9-Jul-14	580					
6	11-Nov-14	580					
7	18-Mar-15	570					
8	15-May-15	480					
9	29-Jul-15	610					
10	7-Dec-15	510					
11	16-Feb-16	540					
12	11-May-16	560					
13	17-Aug-16	510					
14	9-Nov-16	510					
15	26-Jan-17	620					
16	25-May-17	550					
17	23-Aug-17	540					
18	17-Nov-17	540					
19	31-Jan-18	540					
20	8-May-18	570					
21	13-Aug-18	520					
22	18-Oct-18	520					
23	26-Feb-19	430					
24	23-Apr-19	450					
25	27-Aug-19	520					
26	26-Nov-19	520					
27	19-Feb-20	450					
28	10-Jun-20	410					
29	11-Aug-20	400					
30	11-Nov-20	370					
31	26-Jan-21	400					
32	9-Apr-21	430					
33	27-Jul-21	390					
34	13-Dec-21	360					
35	7-Feb-22	380					
36	19-Apr-22	370					
37	12-Aug-22	430					
38	16-Nov-22	340					
39	23-Feb-23	420					
40	10-May-23	360					
Coefficient of Variation:		0.19					
Mann-Kendall Statistic (S):		-5.43					
Confidence Factor:		>99.9%					
Concentration Trend:		Decreasing					



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

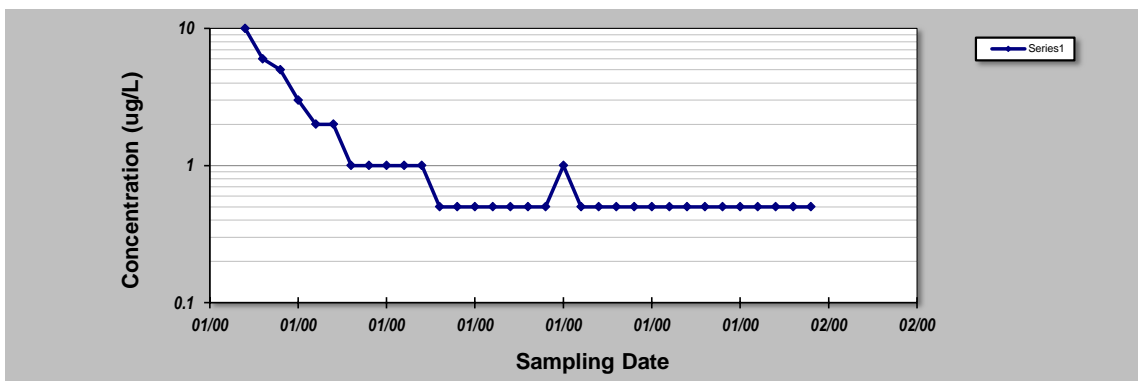
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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: July 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L
Sampling Point ID: MW-106d	

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)						
1	3-Aug-06	10						
2	27-Oct-06	6						
3	22-Jan-07	5						
4	17-Apr-07	3						
5	13-Jul-07	2						
6	26-Oct-07	2						
7	24-Jan-08	1						
8	14-Apr-08	1						
9	11-Aug-08	1						
10	7-Nov-08	1						
11	23-Jan-09	1						
12	8-Apr-09	0.5						
13	27-Jul-09	0.5						
14	27-Oct-09	0.5						
15	13-Jan-10	0.5						
16	17-May-10	0.5						
17	26-Jul-10	0.5						
18	10-Nov-10	0.5						
19	17-Jan-11	1						
20	18-Apr-11	0.5						
21	20-Sep-11	0.5						
22	11-Nov-11	0.5						
23	3-Aug-12	0.5						
24	23-Aug-13	0.5						
25	17-Jul-14	0.5						
26	27-Jul-15	0.5						
27	8-Sep-16	0.5						
28	16-Aug-17	0.5						
29	19-Sep-18	0.5						
30	26-Aug-19	0.5						
31	23-Jul-20	0.5						
32	23-Jul-21	0.5						
33	30-Aug-22	0.5						
34								
35								

Coefficient of Variation:	1.49
Mann-Kendall Statistic (S):	-288
Confidence Factor:	>99.9%
Concentration Trend:	Decreasing



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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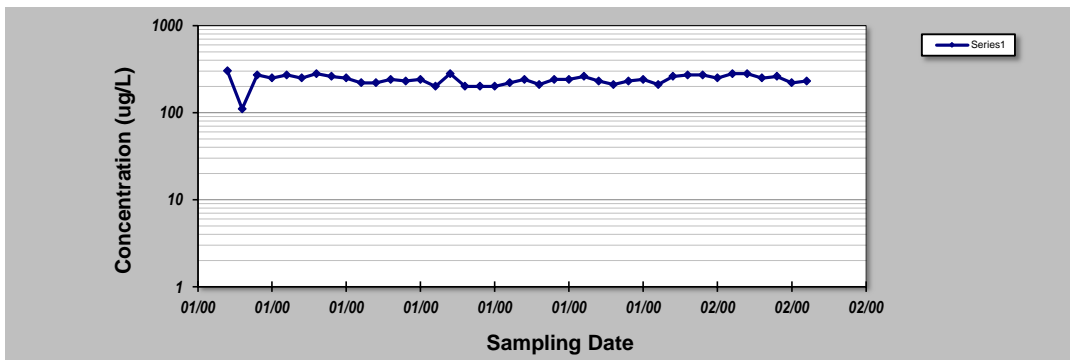
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: July 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-106s**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	19-Nov-13	300					
2	19-Nov-13	110					
3	24-Feb-14	270					
4	7-May-14	250					
5	17-Jul-14	270					
6	11-Nov-14	250					
7	18-Mar-15	280					
8	22-May-15	260					
9	27-Jul-15	250					
10	1-Dec-15	220					
11	16-Feb-16	220					
12	11-May-16	240					
13	6-Sep-16	230					
14	2-Dec-16	240					
15	7-Feb-17	200					
16	16-Jun-17	280					
17	30-Aug-17	200					
18	31-Oct-17	200					
19	31-Jan-18	200					
20	12-Jun-18	220					
21	9-Aug-18	240					
22	24-Oct-18	210					
23	22-Jan-19	240					
24	8-May-19	240					
25	26-Aug-19	260					
26	26-Nov-19	230					
27	30-Jan-20	210					
28	29-Apr-20	230					
29	23-Jul-20	240					
30	27-Oct-20	210					
31	27-Jan-21	260					
32	9-Apr-21	270					
33	23-Jul-21	270					
34	29-Nov-21	250					
35	15-Feb-22	280					
36	26-Apr-22	280					
37	30-Aug-22	250					
38	21-Oct-22	260					
39	23-Jan-23	220					
40	9-Jun-23	230					

Coefficient of Variation:	0.14
Mann-Kendall Statistic (S):	12
Confidence Factor:	55.1%
Concentration Trend:	No Trend



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

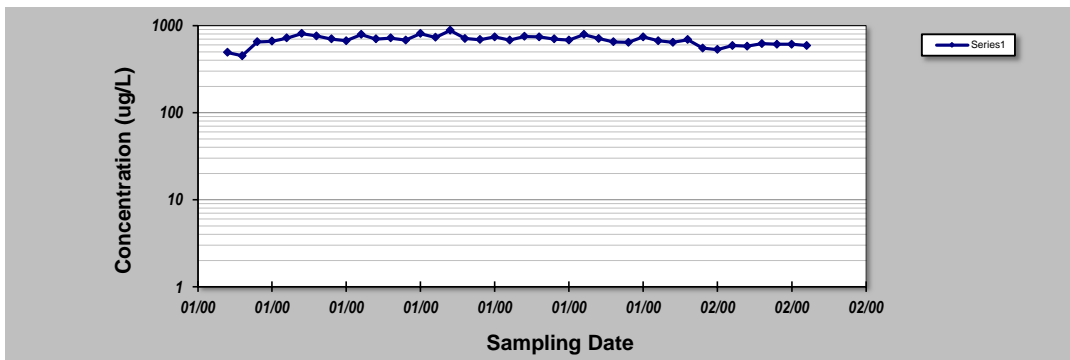
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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: July 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-107**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	26-Aug-13	490					
2	15-Nov-13	450					
3	10-Mar-14	650					
4	9-May-14	660					
5	10-Jul-14	720					
6	10-Nov-14	810					
7	10-Mar-15	760					
8	4-Jun-15	700					
9	27-Jul-15	670					
10	19-Nov-15	790					
11	22-Feb-16	700					
12	24-Jun-16	720					
13	12-Sep-16	680					
14	23-Dec-16	810					
15	16-Feb-17	730					
16	22-Jun-17	880					
17	5-Sep-17	710					
18	17-Nov-17	690					
19	29-Jan-18	740					
20	28-Jun-18	680					
21	21-Aug-18	750					
22	29-Nov-18	740					
23	24-Jan-19	700					
24	5-Apr-19	680					
25	13-Aug-19	790					
26	9-Oct-19	710					
27	21-Jan-20	650					
28	16-Apr-20	640					
29	15-Jul-20	740					
30	21-Oct-20	670					
31	12-Jan-21	640					
32	19-Apr-21	690					
33	14-Jul-21	550					
34	14-Oct-21	530					
35	18-Jan-22	590					
36	19-Apr-22	580					
37	14-Jul-22	620					
38	25-Oct-22	610					
39	12-Jan-23	610					
40	19-Apr-23	590					
Coefficient of Variation:		0.13					
Mann-Kendall Statistic (S):		-215					
Confidence Factor:		99.4%					
Concentration Trend:		Decreasing					



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

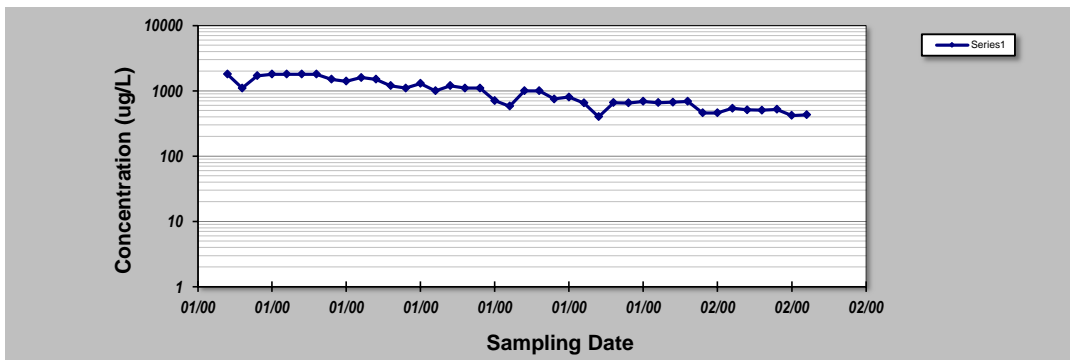
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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: July 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-108d**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	28-Aug-13	1800					
2	26-Nov-13	1100					
3	14-Mar-14	1700					
4	12-Jun-14	1800					
5	8-Sep-14	1800					
6	12-Nov-14	1800					
7	18-Mar-15	1800					
8	11-Jun-15	1500					
9	10-Aug-15	1400					
10	8-Dec-15	1600					
11	19-Feb-16	1500					
12	25-Apr-16	1200					
13	22-Sep-16	1100					
14	21-Dec-16	1300					
15	17-Feb-17	1000					
16	2-Jun-17	1200					
17	30-Aug-17	1100					
18	14-Nov-17	1100					
19	1-Feb-18	710					
20	27-Jun-18	580					
21	13-Aug-18	1000					
22	18-Oct-18	1000					
23	13-Mar-19	750					
24	24-Apr-19	804					
25	20-Aug-19	650					
26	20-Nov-19	400					
27	3-Feb-20	660					
28	29-Apr-20	650					
29	23-Jul-20	690					
30	27-Oct-20	660					
31	26-Jan-21	670					
32	26-Apr-21	690					
33	26-Jul-21	460					
34	15-Nov-21	460					
35	7-Feb-22	540					
36	21-Apr-22	510					
37	28-Jul-22	504					
38	21-Oct-22	520					
39	23-Jan-23	420					
40	10-Apr-23	430					
Coefficient of Variation:	0.47						
Mann-Kendall Statistic (S):	-593						
Confidence Factor:	>99.9%						
Concentration Trend:	Decreasing						



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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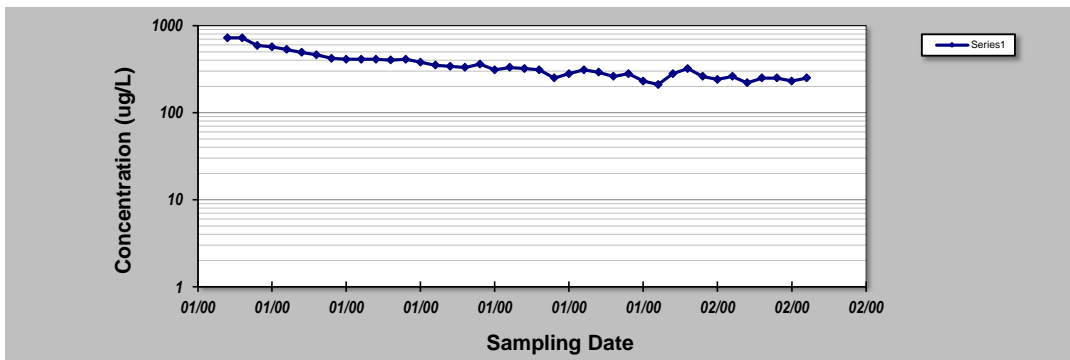
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: July 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-108s**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	28-Aug-13	720					
2	26-Nov-13	720					
3	14-Mar-14	590					
4	12-Jun-14	570					
5	8-Sep-14	530					
6	12-Nov-14	490					
7	18-Mar-15	460					
8	11-Jun-15	420					
9	10-Aug-15	410					
10	8-Dec-15	410					
11	19-Feb-16	410					
12	25-Apr-16	400					
13	22-Sep-16	410					
14	21-Dec-16	380					
15	17-Feb-17	350					
16	2-Jun-17	340					
17	30-Aug-17	330					
18	14-Nov-17	360					
19	1-Feb-18	310					
20	27-Jun-18	330					
21	13-Aug-18	320					
22	18-Oct-18	310					
23	13-Mar-19	250					
24	24-Apr-19	280					
25	20-Aug-19	310					
26	20-Nov-19	290					
27	30-Jan-20	260					
28	29-Apr-20	280					
29	23-Jul-20	230					
30	27-Oct-20	210					
31	26-Jan-21	280					
32	26-Apr-21	320					
33	26-Jul-21	260					
34	15-Nov-21	240					
35	7-Feb-22	260					
36	21-Apr-22	220					
37	28-Jul-22	250					
38	21-Oct-22	250					
39	23-Jan-23	230					
40	10-Apr-23	250					

Coefficient of Variation:	0.36
Mann-Kendall Statistic (S):	-6.47
Confidence Factor:	>99.9%
Concentration Trend:	Decreasing



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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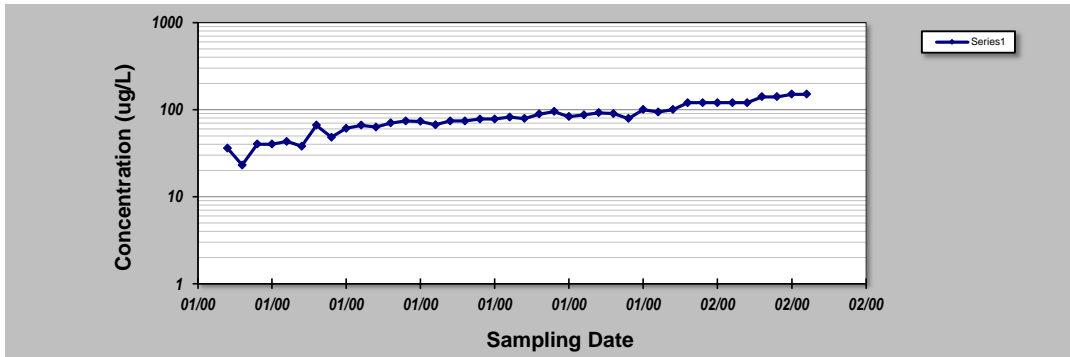
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: July 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-110**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	5-Sep-13	36					
2	15-Nov-13	23					
3	5-Mar-14	40					
4	29-Apr-14	40					
5	14-Aug-14	43					
6	25-Nov-14	38					
7	13-Mar-15	66					
8	18-May-15	48					
9	24-Jul-15	61					
10	18-Nov-15	66					
11	9-Feb-16	63					
12	26-Apr-16	70					
13	30-Aug-16	74					
14	22-Dec-16	73					
15	1-Feb-17	67					
16	1-Jun-17	74					
17	23-Aug-17	74					
18	27-Oct-17	78					
19	23-Jan-18	78					
20	8-Jun-18	82					
21	16-Aug-18	79					
22	29-Nov-18	89					
23	22-Jan-19	95					
24	15-Apr-19	83					
25	19-Jul-19	87					
26	8-Oct-19	92					
27	17-Jan-20	90					
28	10-Apr-20	79					
29	14-Jul-20	100					
30	15-Oct-20	94					
31	12-Jan-21	100					
32	13-Apr-21	120					
33	7-Jul-21	120					
34	6-Oct-21	120					
35	19-Jan-22	120					
36	7-Apr-22	120					
37	18-Jul-22	140					
38	18-Oct-22	140					
39	30-Jan-23	150					
40	17-Apr-23	150					

Coefficient of Variation:	0.38
Mann-Kendall Statistic (S):	702
Confidence Factor:	>99.9%
Concentration Trend:	Increasing



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90% and S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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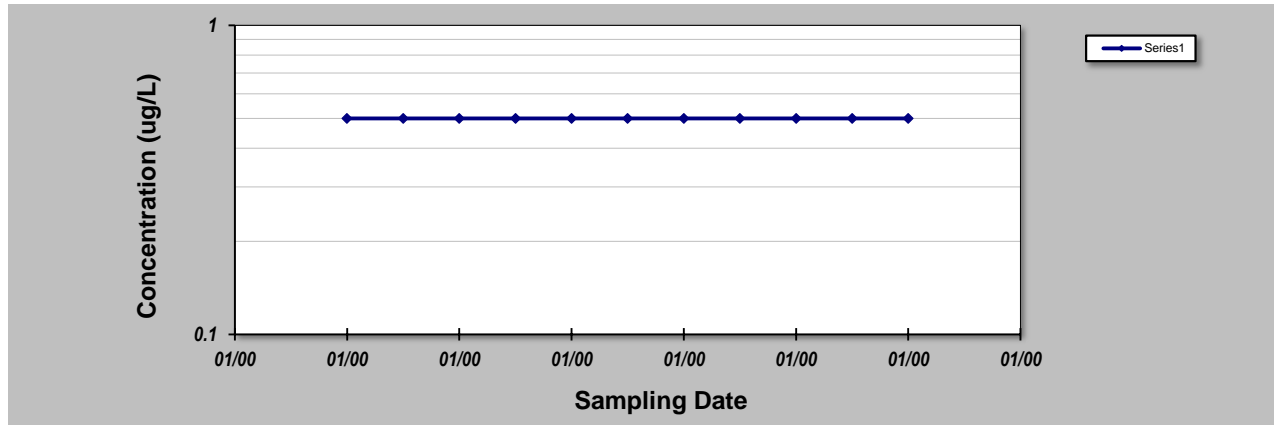
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: July 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-111**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	16-Feb-07	0.5					
2	19-Apr-07	0.5					
3	3-Oct-07	0.5					
4	18-Jul-08	0.5					
5	10-Jul-09	0.5					
6	13-Jul-10	0.5					
7	24-Sep-11	0.5					
8	22-Jul-13	0.5					
9	20-Jul-15	0.5					
10	19-Jan-21	0.5					
11	22-Mar-23	0.5					
12							
13							
14							
15							
16							
17							
18							
19							
20							

Coefficient of Variation:	0.00
Mann-Kendall Statistic (S):	0
Confidence Factor:	45.1%
Concentration Trend:	Stable



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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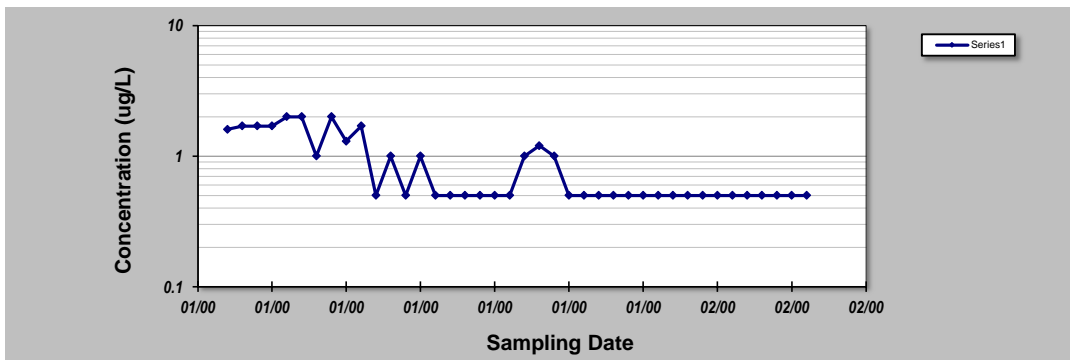
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: July 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-112d**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	4-Apr-23	1.6					
2	10-Jan-23	1.7					
3	10-Oct-22	1.7					
4	6-Jul-22	1.7					
5	11-Apr-22	2					
6	15-Mar-22	2					
7	22-Nov-21	1					
8	6-Jul-21	2					
9	8-Apr-21	1.3					
10	6-Jan-21	1.7					
11	4-Nov-20	0.5					
12	9-Jul-20	1					
13	8-Apr-20	0.5					
14	10-Jan-20	1					
15	4-Oct-19	0.5					
16	18-Jul-19	0.5					
17	1-May-19	0.5					
18	13-Mar-19	0.5					
19	4-Dec-18	0.5					
20	8-Aug-18	0.5					
21	1-May-18	1					
22	24-Jan-18	1.2					
23	18-Oct-17	1					
24	24-Jul-17	0.5					
25	17-May-17	0.5					
26	4-Jan-17	0.5					
27	3-Nov-16	0.5					
28	26-Aug-16	0.5					
29	3-May-16	0.5					
30	7-Jan-16	0.5					
31	6-Oct-15	0.5					
32	2-Jul-15	0.5					
33	3-Apr-15	0.5					
34	12-Jan-15	0.5					
35	7-Oct-14	0.5					
36	30-Jul-14	0.5					
37	22-Apr-14	0.5					
38	13-Jan-14	0.5					
39	8-Nov-13	0.5					
40	8-Jul-13	0.5					

Coefficient of Variation:	0.62
Mann-Kendall Statistic (S):	-3.59
Confidence Factor:	>99.9%
Concentration Trend:	Decreasing



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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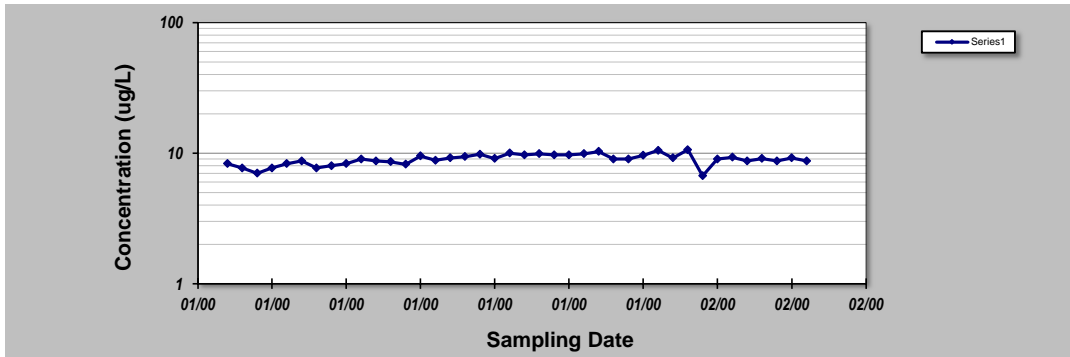
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: July 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-112i**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	8-Jul-13	8.3					
2	8-Oct-13	7.7					
3	13-Jan-14	7					
4	22-Apr-14	7.7					
5	30-Jul-14	8.3					
6	7-Oct-14	8.7					
7	12-Jan-15	7.7					
8	3-Apr-15	8					
9	2-Jul-15	8.3					
10	6-Oct-15	9					
11	7-Jan-16	8.7					
12	5-Apr-16	8.6					
13	29-Jul-16	8.2					
14	18-Oct-16	9.5					
15	4-Jan-17	8.8					
16	10-Apr-17	9.2					
17	24-Jul-17	9.4					
18	3-Oct-17	9.8					
19	17-Jan-18	9.1					
20	3-Apr-18	10					
21	11-Jul-18	9.7					
22	3-Oct-18	9.9					
23	16-Jan-19	9.7					
24	3-Apr-19	9.7					
25	18-Jul-19	9.9					
26	4-Oct-19	10.3					
27	10-Jan-20	9					
28	8-Apr-20	9					
29	9-Jul-20	9.6					
30	2-Oct-20	10.5					
31	6-Jan-21	9.2					
32	8-Apr-21	10.6					
33	6-Jul-21	6.7					
34	5-Oct-21	9					
35	17-Jan-22	9.3					
36	11-Apr-22	8.7					
37	6-Jul-22	9.1					
38	10-Oct-22	8.7					
39	10-Jan-23	9.2					
40	4-Apr-23	8.7					

Coefficient of Variation:	0.10		
Mann-Kendall Statistic (S):	262		
Confidence Factor:	99.9%		
Concentration Trend:	Increasing		



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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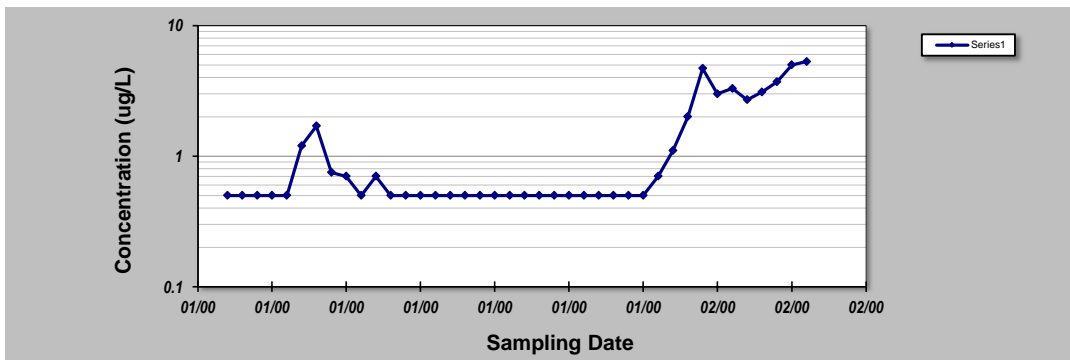
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: July 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-112s**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	8-Jul-13	0.5					
2	8-Oct-13	0.5					
3	13-Jan-14	0.5					
4	22-Apr-14	0.5					
5	30-Jul-14	0.5					
6	7-Oct-14	1.2					
7	12-Jan-15	1.7					
8	3-Apr-15	0.75					
9	2-Jul-15	0.7					
10	6-Oct-15	0.5					
11	17-Jan-16	0.7					
12	5-Apr-16	0.5					
13	29-Jul-16	0.5					
14	18-Oct-16	0.5					
15	4-Jan-17	0.5					
16	10-Apr-17	0.5					
17	24-Jul-17	0.5					
18	3-Oct-17	0.5					
19	17-Jan-18	0.5					
20	3-Apr-18	0.5					
21	11-Jul-18	0.5					
22	3-Oct-18	0.5					
23	16-Jan-19	0.5					
24	3-Apr-19	0.5					
25	18-Jul-19	0.5					
26	4-Oct-19	0.5					
27	10-Jan-20	0.5					
28	8-Apr-20	0.5					
29	9-Jul-20	0.5					
30	2-Oct-20	0.7					
31	6-Jan-21	1.1					
32	8-Apr-21	2					
33	6-Jul-21	4.7					
34	5-Oct-21	3					
35	17-Jan-22	3.3					
36	11-Apr-22	2.7					
37	6-Jul-22	3.1					
38	10-Oct-22	3.7					
39	10-Jan-23	5					
40	4-Apr-23	5.3					

Coefficient of Variation:	1.08				
Mann-Kendall Statistic (S):	271				
Confidence Factor:	99.9%				
Concentration Trend:	Increasing				



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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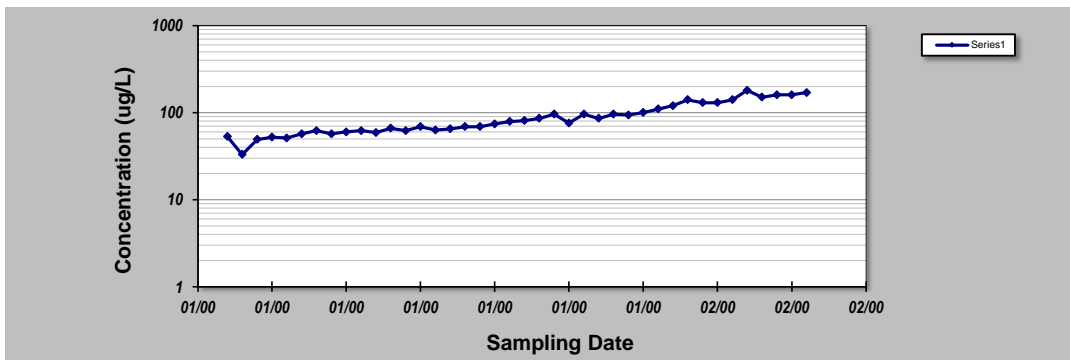
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: July 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-113**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	26-Aug-13	53					
2	18-Nov-13	33					
3	5-Mar-14	49					
4	12-May-14	52					
5	20-Aug-14	51					
6	10-Nov-14	57					
7	17-Mar-15	62					
8	20-May-15	57					
9	27-Jul-15	60					
10	20-Nov-15	62					
11	9-Feb-16	59					
12	10-May-16	66					
13	25-Aug-16	62					
14	22-Dec-16	69					
15	1-Feb-17	63					
16	31-May-17	65					
17	23-Aug-17	69					
18	26-Oct-17	69					
19	24-Jan-18	74					
20	8-Jun-18	79					
21	16-Aug-18	81					
22	9-Nov-18	86					
23	22-Jan-19	96					
24	15-Apr-19	76					
25	8-Aug-19	96					
26	9-Oct-19	86					
27	21-Jan-20	96					
28	14-Apr-20	94					
29	15-Jul-20	100					
30	29-Oct-20	110					
31	13-Jan-21	120					
32	14-Apr-21	140					
33	15-Jul-21	130					
34	15-Nov-21	130					
35	17-Feb-22	140					
36	26-Apr-22	180					
37	18-Jul-22	150					
38	2-Nov-22	160					
39	13-Mar-23	160					
40	7-Jun-23	170					

Coefficient of Variation:	0.42		
Mann-Kendall Statistic (S):	706		
Confidence Factor:	>99.9%		
Concentration Trend:	Increasing		



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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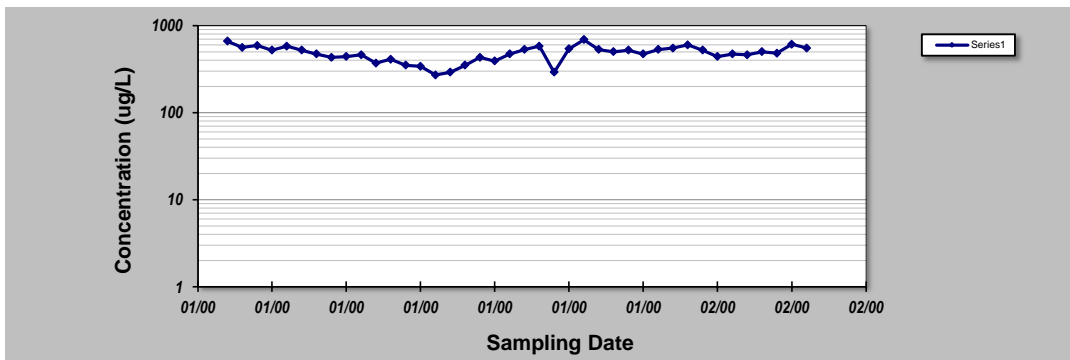
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: July 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-115**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	12-Jul-13	660					
2	2-Oct-13	560					
3	12-Feb-14	590					
4	7-Apr-14	520					
5	10-Jul-14	580					
6	9-Oct-14	520					
7	21-Jan-15	470					
8	6-Apr-15	430					
9	27-Jul-15	440					
10	29-Oct-15	460					
11	22-Feb-16	370					
12	9-May-16	410					
13	31-Aug-16	350					
14	7-Dec-16	340					
15	2-Feb-17	270					
16	12-Apr-17	290					
17	24-Aug-17	350					
18	30-Oct-17	430					
19	22-Feb-18	390					
20	25-May-18	470					
21	17-Aug-18	530					
22	23-Oct-18	580					
23	2-Mar-19	290					
24	24-Apr-19	540					
25	19-Jul-19	690					
26	9-Oct-19	530					
27	4-Mar-20	500					
28	4-Jun-20	520					
29	27-Jul-20	470					
30	5-Nov-20	530					
31	22-Jan-21	550					
32	14-May-21	600					
33	4-Aug-21	520					
34	23-Nov-21	440					
35	14-Jan-22	470					
36	24-May-22	460					
37	19-Jul-22	500					
38	30-Nov-22	480					
39	9-Jan-23	610					
40	11-Apr-23	550					

Coefficient of Variation:	0.20
Mann-Kendall Statistic (S):	55
Confidence Factor:	73.4%
Concentration Trend:	No Trend



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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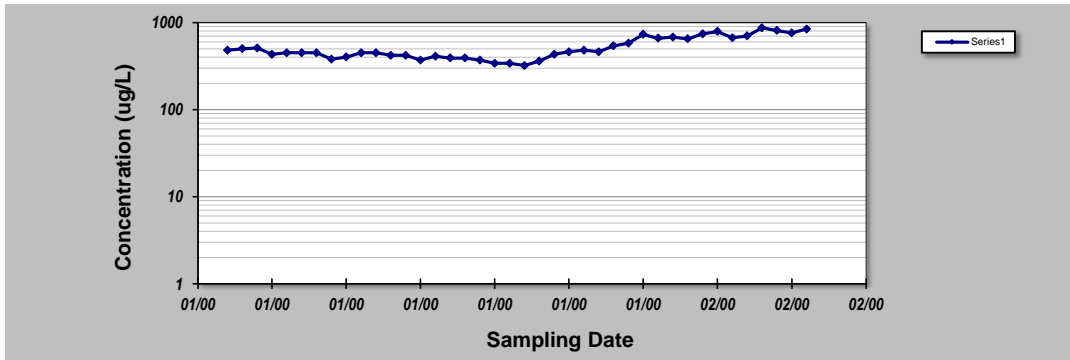
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: July 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-116**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	7-Apr-14	480					
2	10-Jul-14	500					
3	9-Oct-14	510					
4	21-Jan-15	430					
5	6-Apr-15	450					
6	27-Jul-15	450					
7	29-Oct-15	450					
8	22-Feb-16	380					
9	6-May-16	400					
10	31-Aug-16	450					
11	7-Dec-16	450					
12	2-Feb-17	420					
13	12-Apr-17	420					
14	24-Aug-17	370					
15	30-Oct-17	410					
16	22-Feb-18	390					
17	25-May-18	390					
18	17-Aug-18	370					
19	21-Nov-18	340					
20	19-Mar-19	340					
21	24-Apr-19	320					
22	26-Jul-19	360					
23	9-Oct-19	430					
24	4-Mar-20	460					
25	4-Jun-20	480					
26	27-Jul-20	460					
27	6-Nov-20	540					
28	22-Jan-21	580					
29	14-May-21	730					
30	4-Aug-21	660					
31	23-Nov-21	680					
32	14-Jan-22	650					
33	24-May-22	740					
34	19-Jul-22	790					
35	30-Nov-22	670					
36	9-Dec-22	700					
37	9-Jan-23	870					
38	28-Mar-23	810					
39	11-Apr-23	760					
40	1-Jun-23	840					

Coefficient of Variation:	0.30		
Mann-Kendall Statistic (S):	315		
Confidence Factor:	>99.9%		
Concentration Trend:	Increasing		



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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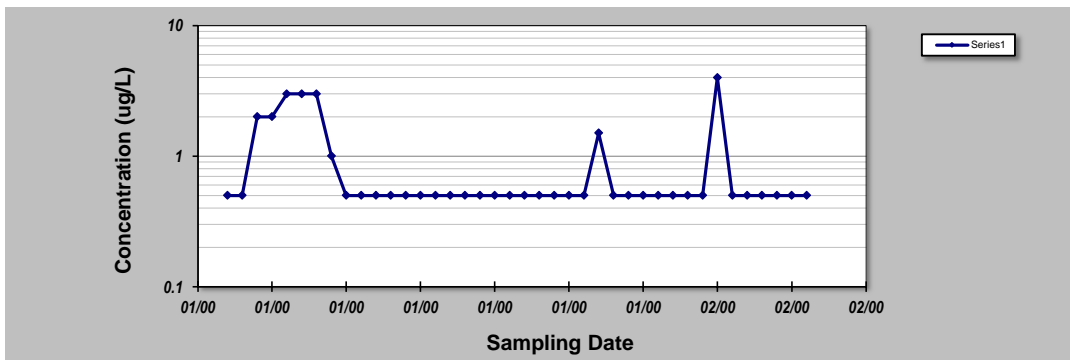
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: July 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-117**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	14-Feb-08	0.5					
2	8-Apr-08	0.5					
3	25-Jul-08	2					
4	14-Oct-08	2					
5	20-Feb-09	3					
6	22-Apr-09	3					
7	14-Jul-09	3					
8	8-Oct-09	1					
9	5-Feb-10	0.5					
10	22-Apr-10	0.5					
11	14-Jul-10	0.5					
12	12-Oct-10	0.5					
13	10-Jan-11	0.5					
14	21-Apr-11	0.5					
15	5-Aug-11	0.5					
16	17-Oct-11	0.5					
17	24-Jan-12	0.5					
18	4-Jun-12	0.5					
19	29-Oct-12	0.5					
20	17-Jun-13	0.5					
21	8-Nov-13	0.5					
22	9-May-14	0.5					
23	27-Oct-14	0.5					
24	3-Jun-15	0.5					
25	12-Nov-15	0.5					
26	24-Jun-16	1.5					
27	29-Nov-16	0.5					
28	25-May-17	0.5					
29	5-Oct-17	0.5					
30	4-Apr-18	0.5					
31	12-Nov-18	0.5					
32	5-Apr-19	0.5					
33	10-Oct-19	0.5					
34	22-Apr-20	4					
35	26-Oct-20	0.5					
36	28-Apr-21	0.5					
37	15-Dec-21	0.5					
38	8-Jun-22	0.5					
39	3-Nov-22	0.5					
40	7-Jun-23	0.5					

Coefficient of Variation:	1.00
Mann-Kendall Statistic (S):	-138
Confidence Factor:	94.5%
Concentration Trend:	Prob. Decreasing



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S=0 = No Trend; < 90% and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

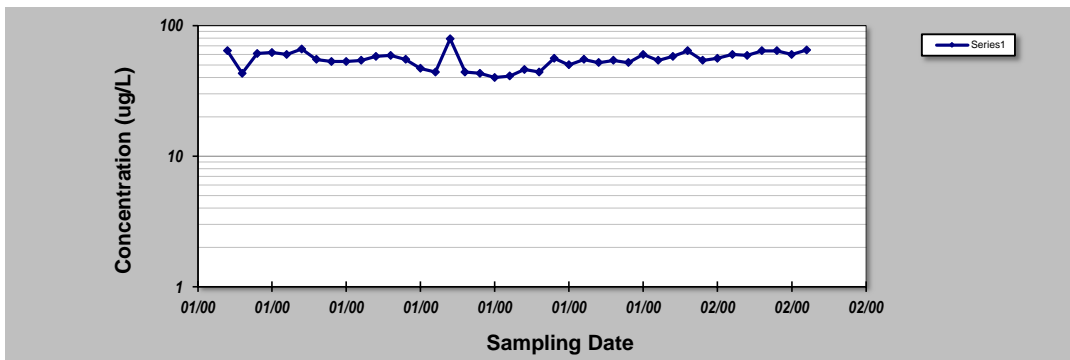
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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: July 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-118**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	19-Nov-13	64					
2	19-Nov-13	43					
3	14-Mar-14	61					
4	11-Jun-14	62					
5	30-Jul-14	60					
6	14-Oct-14	66					
7	13-Mar-15	55					
8	22-May-15	53					
9	6-Aug-15	53					
10	6-Nov-15	54					
11	12-Feb-16	58					
12	21-Apr-16	59					
13	18-Aug-16	55					
14	22-Dec-16	47					
15	16-Feb-17	44					
16	15-Jun-17	79					
17	24-Aug-17	44					
18	26-Oct-17	43					
19	31-Jan-18	40					
20	17-May-18	41					
21	7-Aug-18	46					
22	24-Oct-18	44					
23	22-Jan-19	56					
24	7-May-19	50					
25	22-Aug-19	55					
26	21-Nov-19	52					
27	18-Feb-20	54					
28	29-Apr-20	52					
29	23-Jul-20	60					
30	27-Oct-20	54					
31	27-Jan-21	58					
32	4-May-21	64					
33	28-Jul-21	54					
34	24-Nov-21	56					
35	17-Feb-22	60					
36	16-May-22	59					
37	26-Aug-22	64					
38	21-Oct-22	64					
39	23-Jan-23	60					
40	10-Apr-23	65					
Coefficient of Variation:	0.15						
Mann-Kendall Statistic (S):	104						
Confidence Factor:	88.4%						
Concentration Trend:	No Trend						



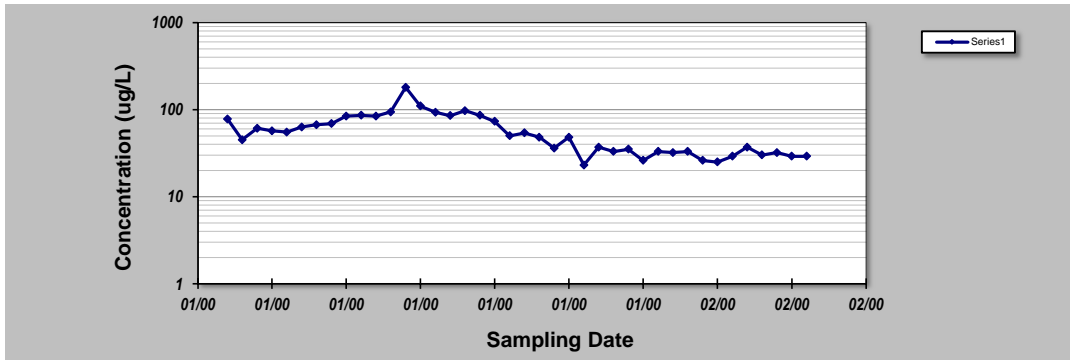
- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: July 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	2-Aug-13	78					
2	15-Nov-13	45					
3	28-Mar-14	61					
4	10-Apr-14	57					
5	20-Aug-14	55					
6	31-Oct-14	63					
7	22-Jan-15	67					
8	18-May-15	69					
9	24-Jul-15	84					
10	20-Nov-15	86					
11	10-Feb-16	84					
12	21-Apr-16	94					
13	9-Sep-16	180					
14	21-Dec-16	110					
15	3-Feb-17	93					
16	15-Jun-17	85					
17	29-Aug-17	97					
18	27-Oct-17	86					
19	1-Feb-18	73					
20	22-May-18	50					
21	6-Aug-18	54					
22	5-Oct-18	48					
23	2-Mar-19	36					
24	15-Apr-19	48					
25	22-Jul-19	23					
26	10-Oct-19	37					
27	27-Jan-20	33					
28	9-Apr-20	35					
29	17-Jul-20	26					
30	19-Oct-20	33					
31	7-Jan-21	32					
32	14-Apr-21	33					
33	15-Jul-21	26					
34	1-Nov-21	25					
35	20-Jan-22	29					
36	26-Apr-22	37					
37	15-Jul-22	30					
38	2-Nov-22	32					
39	19-Jan-23	29					
40	20-Apr-23	29					
Coefficient of Variation:	0.55						
Mann-Kendall Statistic (S):	-396						
Confidence Factor:	>99.9%						
Concentration Trend:	Decreasing						



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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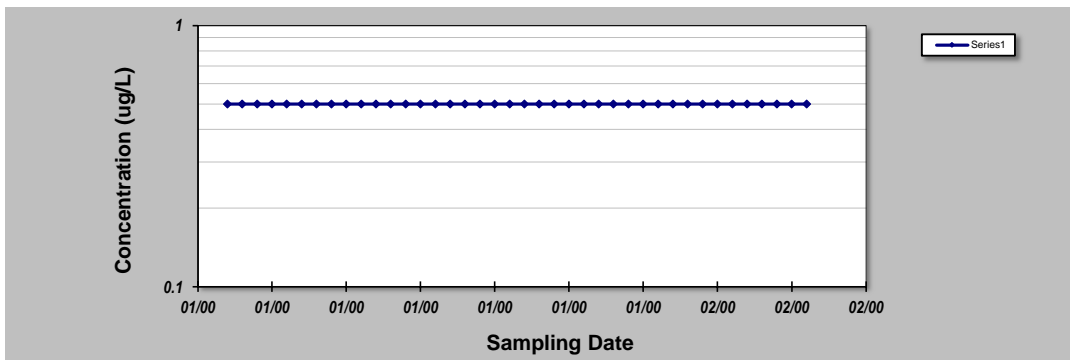
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: July 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-122d**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	22-May-13	0.5					
2	29-Jul-13	0.5					
3	28-Oct-13	0.5					
4	5-Mar-14	0.5					
5	14-Apr-14	0.5					
6	18-Aug-14	0.5					
7	23-Oct-14	0.5					
8	11-Feb-15	0.5					
9	26-May-15	0.5					
10	21-Jul-15	0.5					
11	11-Nov-15	0.5					
12	27-Jan-16	0.5					
13	7-Apr-16	0.5					
14	7-Sep-16	0.5					
15	7-Nov-16	0.5					
16	11-Jan-17	0.5					
17	24-May-17	0.5					
18	21-Aug-17	0.5					
19	16-Nov-17	0.5					
20	25-Jan-18	0.5					
21	15-May-18	0.5					
22	20-Sep-18	0.5					
23	29-Nov-18	0.5					
24	20-Mar-19	0.5					
25	16-Apr-19	0.5					
26	22-Aug-19	0.5					
27	18-Nov-19	0.5					
28	25-Feb-20	0.5					
29	24-Apr-20	0.5					
30	22-Jul-20	0.5					
31	22-Oct-20	0.5					
32	10-Mar-21	0.5					
33	5-May-21	0.5					
34	13-Jul-21	0.5					
35	20-Dec-21	0.5					
36	7-Mar-22	0.5					
37	17-May-22	0.5					
38	3-Nov-22	0.5					
39	23-Mar-23	0.5					
40	8-Jun-23	0.5					

Coefficient of Variation:	0.00
Mann-Kendall Statistic (S):	0
Confidence Factor:	49.5%
Concentration Trend:	Stable



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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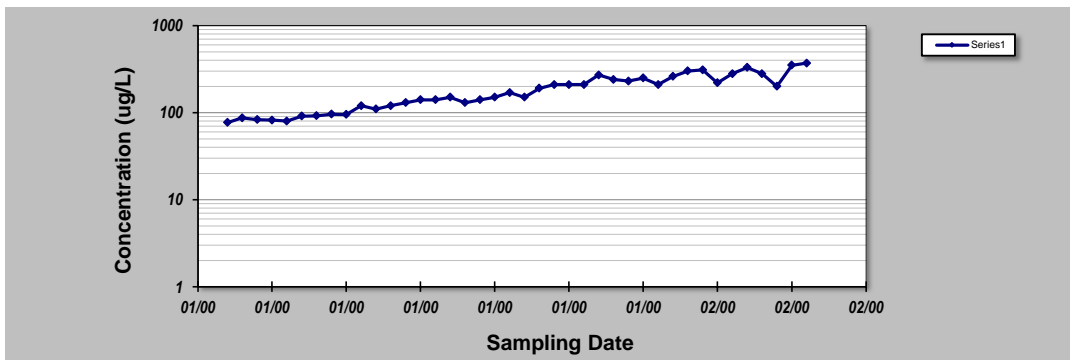
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: July 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-122s**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	29-Jul-13	77					
2	28-Oct-13	87					
3	5-Mar-14	83					
4	14-Apr-14	82					
5	4-Aug-14	80					
6	23-Oct-14	91					
7	11-Feb-15	92					
8	26-May-15	96					
9	21-Jul-15	95					
10	11-Nov-15	120					
11	27-Jan-16	110					
12	7-Apr-16	120					
13	7-Apr-16	130					
14	25-Aug-16	140					
15	7-Nov-16	140					
16	11-Jan-17	150					
17	24-May-17	130					
18	21-Aug-17	140					
19	16-Nov-17	150					
20	24-Jan-18	170					
21	15-May-18	150					
22	27-Aug-18	190					
23	29-Nov-18	210					
24	20-Mar-19	210					
25	16-Apr-19	210					
26	22-Aug-19	270					
27	18-Nov-19	240					
28	25-Feb-20	230					
29	24-Apr-20	250					
30	22-Jul-20	210					
31	22-Oct-20	260					
32	9-Mar-21	300					
33	5-May-21	310					
34	13-Jul-21	220					
35	20-Dec-21	280					
36	7-Mar-22	330					
37	17-May-22	280					
38	3-Nov-22	200					
39	23-Mar-23	350					
40	8-Jun-23	370					

Coefficient of Variation:	0.45
Mann-Kendall Statistic (S):	667
Confidence Factor:	>99.9%
Concentration Trend:	Increasing



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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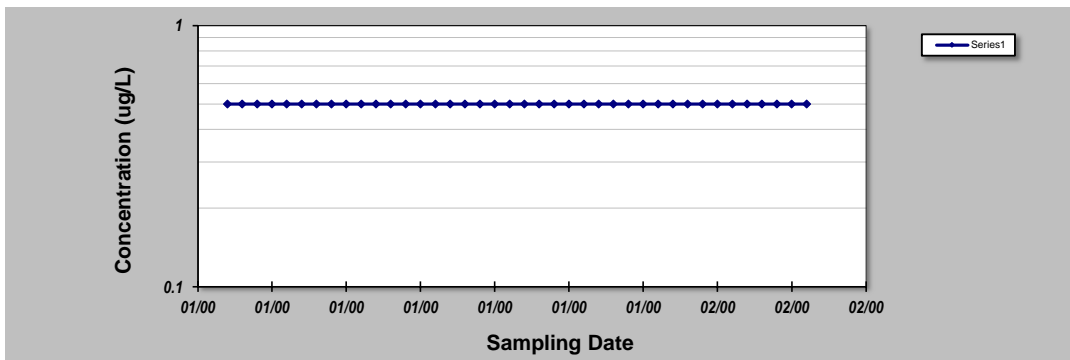
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: July 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-130d**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	25-Feb-14	0.5					
2	23-Apr-14	0.5					
3	31-Jul-14	0.5					
4	22-Oct-14	0.5					
5	5-Mar-15	0.5					
6	8-Apr-15	0.5					
7	7-Jul-15	0.5					
8	11-Nov-15	0.5					
9	22-Jan-16	0.5					
10	17-May-16	0.5					
11	17-May-16	0.5					
12	17-May-16	0.5					
13	24-Aug-16	0.5					
14	7-Nov-16	0.5					
15	13-Jan-17	0.5					
16	17-May-17	0.5					
17	11-Aug-17	0.5					
18	30-Oct-17	0.5					
19	19-Jan-18	0.5					
20	20-Apr-18	0.5					
21	20-Sep-18	0.5					
22	8-Oct-18	0.5					
23	7-Feb-19	0.5					
24	16-Apr-19	0.5					
25	27-Aug-19	0.5					
26	18-Nov-19	0.5					
27	19-Feb-20	0.5					
28	23-Apr-20	0.5					
29	6-Aug-20	0.5					
30	12-Oct-20	0.5					
31	25-Jan-21	0.5					
32	20-Apr-21	0.5					
33	13-Jul-21	0.5					
34	10-Nov-21	0.5					
35	18-Jan-22	0.5					
36	16-May-22	0.5					
37	14-Jul-22	0.5					
38	24-Oct-22	0.5					
39	15-Feb-23	0.5					
40	1-May-23	0.5					

Coefficient of Variation:	0.00
Mann-Kendall Statistic (S):	0
Confidence Factor:	49.5%
Concentration Trend:	Stable



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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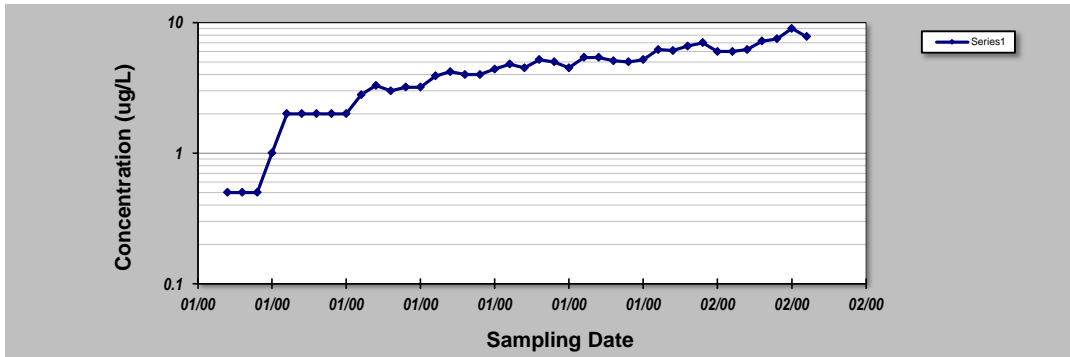
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: July 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-130i**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	25-Feb-14	0.5					
2	23-Apr-14	0.5					
3	31-Jul-14	0.5					
4	22-Oct-14	1					
5	5-Mar-15	2					
6	8-Apr-15	2					
7	7-Jul-15	2					
8	11-Nov-15	2					
9	8-Jan-16	2					
10	17-May-16	2.8					
11	17-May-16	3.3					
12	17-May-16	3					
13	24-Aug-16	3.2					
14	7-Nov-16	3.2					
15	25-Jan-17	3.9					
16	21-Apr-17	4.2					
17	13-Jul-17	4					
18	9-Oct-17	4					
19	19-Jan-18	4.4					
20	10-May-18	4.8					
21	17-Jul-18	4.5					
22	8-Oct-18	5.2					
23	7-Feb-19	5					
24	16-Apr-19	4.5					
25	27-Aug-19	5.4					
26	18-Nov-19	5.4					
27	19-Feb-20	5.1					
28	23-Apr-20	5					
29	6-Aug-20	5.2					
30	12-Oct-20	6.2					
31	25-Jan-21	6.1					
32	20-Apr-21	6.6					
33	13-Jul-21	7					
34	10-Nov-21	6					
35	18-Jan-22	6					
36	16-May-22	6.2					
37	14-Jul-22	7.2					
38	24-Oct-22	7.5					
39	15-Feb-23	9					
40	1-May-23	7.8					

Coefficient of Variation:	0.49	
Mann-Kendall Statistic (S):	697	
Confidence Factor:	>99.9%	
Concentration Trend:	Increasing	



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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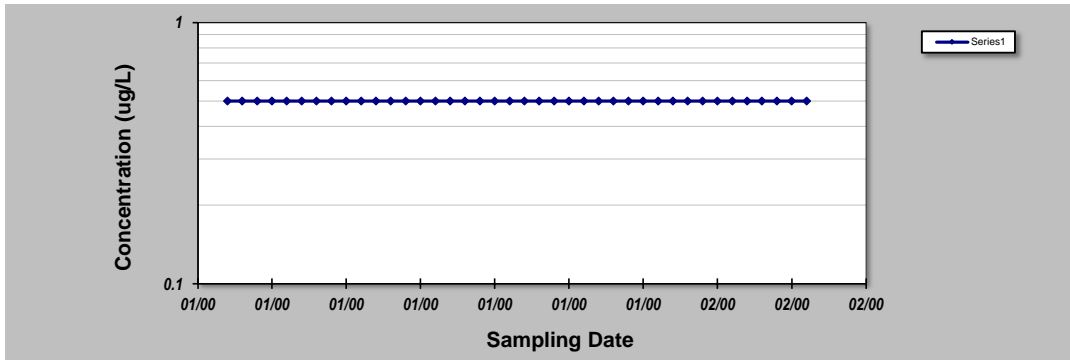
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: July 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-130s**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	25-Feb-14	0.5					
2	23-Apr-14	0.5					
3	31-Jul-14	0.5					
4	22-Oct-14	0.5					
5	5-Mar-15	0.5					
6	8-Apr-15	0.5					
7	7-Jul-15	0.5					
8	11-Nov-15	0.5					
9	8-Jan-16	0.5					
10	17-May-16	0.5					
11	17-May-16	0.5					
12	17-May-16	0.5					
13	24-Aug-16	0.5					
14	7-Nov-16	0.5					
15	25-Jan-17	0.5					
16	21-Apr-17	0.5					
17	13-Jul-17	0.5					
18	9-Oct-17	0.5					
19	19-Jan-18	0.5					
20	27-Apr-18	0.5					
21	19-Jul-18	0.5					
22	8-Oct-18	0.5					
23	7-Feb-19	0.5					
24	16-Apr-19	0.5					
25	27-Aug-19	0.5					
26	18-Nov-19	0.5					
27	19-Feb-20	0.5					
28	23-Apr-20	0.5					
29	6-Aug-20	0.5					
30	12-Oct-20	0.5					
31	25-Jan-21	0.5					
32	20-Apr-21	0.5					
33	13-Jul-21	0.5					
34	10-Nov-21	0.5					
35	18-Jan-22	0.5					
36	16-May-22	0.5					
37	14-Jul-22	0.5					
38	24-Oct-22	0.5					
39	15-Feb-23	0.5					
40	1-May-23	0.5					

Coefficient of Variation:	0.00		
Mann-Kendall Statistic (S):	0		
Confidence Factor:	49.5%		
Concentration Trend:	Stable		



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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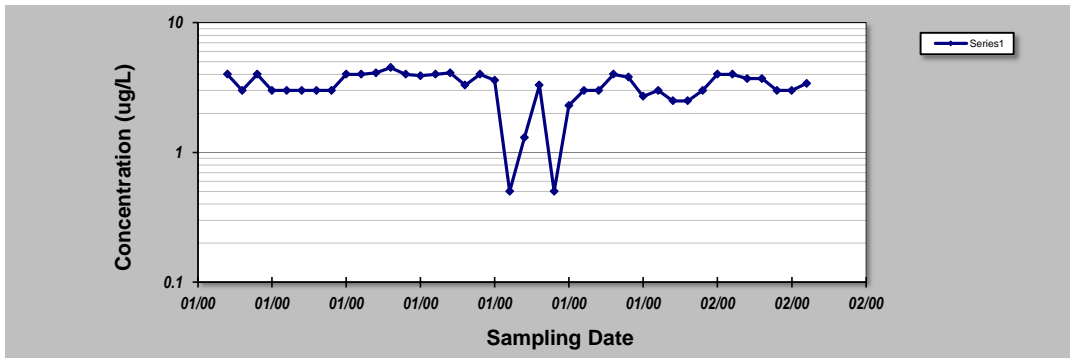
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: July 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-133d**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	15-Jan-14	4					
2	2-Apr-14	3					
3	16-Jul-14	4					
4	7-Oct-14	3					
5	16-Jan-15	3					
6	13-Apr-15	3					
7	8-Jul-15	3					
8	7-Oct-15	3					
9	29-Jan-16	4					
10	17-May-16	4					
11	17-May-16	4.1					
12	17-May-16	4.5					
13	29-Aug-16	4					
14	1-Dec-16	3.9					
15	31-Jan-17	4					
16	13-Apr-17	4.1					
17	26-Jul-17	3.3					
18	12-Oct-17	4					
19	16-Mar-18	3.6					
20	16-May-18	0.5					
21	23-Jul-18	1.3					
22	19-Oct-18	3.3					
23	18-Jan-19	0.5					
24	23-Apr-19	2.3					
25	25-Jul-19	3					
26	17-Oct-19	3					
27	13-Mar-20	4					
28	12-May-20	3.8					
29	7-Aug-20	2.7					
30	9-Nov-20	3					
31	4-Mar-21	2.5					
32	17-May-21	2.5					
33	28-Jul-21	3					
34	24-Nov-21	4					
35	12-Jan-22	4					
36	13-May-22	3.7					
37	11-Aug-22	3.7					
38	14-Nov-22	3					
39	21-Mar-23	3					
40	12-Apr-23	3.4					

Coefficient of Variation:	0.28
Mann-Kendall Statistic (S):	-102
Confidence Factor:	87.9%
Concentration Trend:	Stable



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

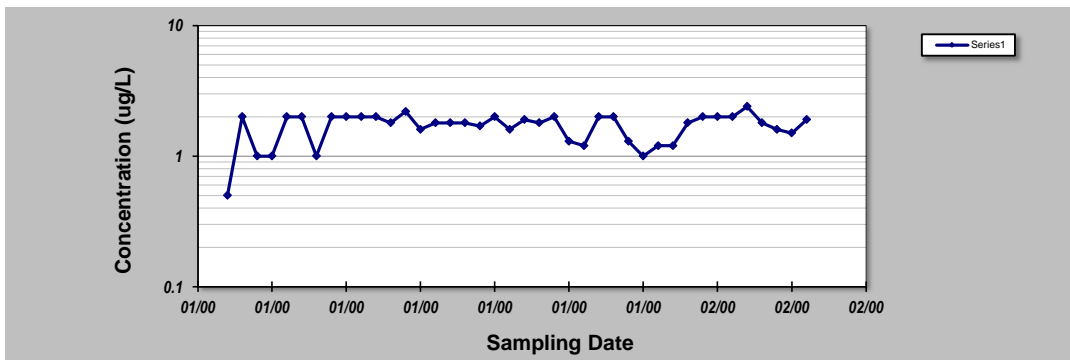
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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: July 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-133i**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	1-Oct-13	0.5					
2	15-Jan-14	2					
3	2-Apr-14	1					
4	16-Jul-14	1					
5	7-Oct-14	2					
6	16-Jan-15	2					
7	13-Apr-15	1					
8	8-Jul-15	2					
9	7-Oct-15	2					
10	29-Jan-16	2					
11	17-May-16	2					
12	17-May-16	1.8					
13	17-May-16	2.2					
14	29-Aug-16	1.6					
15	1-Dec-16	1.8					
16	31-Jan-17	1.8					
17	13-Apr-17	1.8					
18	26-Jul-17	1.7					
19	10-Oct-17	2					
20	16-Mar-18	1.6					
21	23-Jul-18	1.9					
22	19-Oct-18	1.8					
23	18-Jan-19	2					
24	23-Apr-19	1.3					
25	25-Jul-19	1.2					
26	17-Oct-19	2					
27	13-Mar-20	2					
28	12-May-20	1.3					
29	7-Aug-20	1					
30	9-Nov-20	1.2					
31	4-Mar-21	1.2					
32	17-May-21	1.8					
33	28-Jul-21	2					
34	24-Nov-21	2					
35	12-Jan-22	2					
36	13-May-22	2.4					
37	11-Aug-22	1.8					
38	14-Nov-22	1.6					
39	21-Mar-23	1.5					
40	12-Apr-23	1.9					
Coefficient of Variation:		0.24					
Mann-Kendall Statistic (S):		2					
Confidence Factor:		50.5%					
Concentration Trend:		No Trend					



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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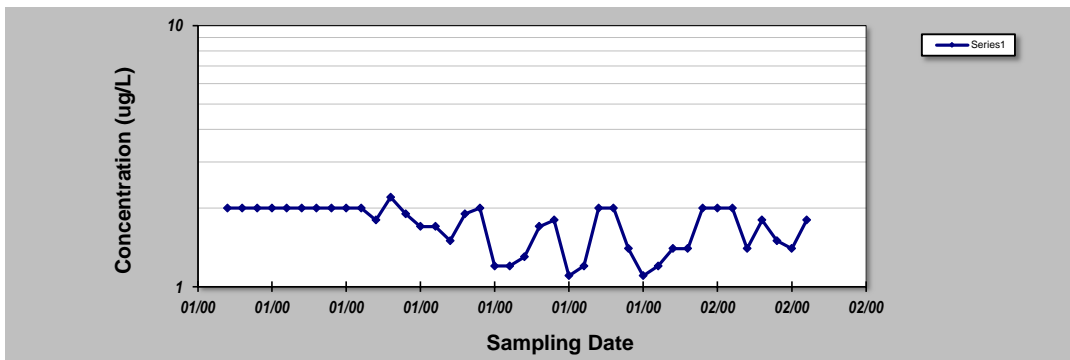
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: July 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-133s**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	1-Oct-13	2					
2	15-Jan-14	2					
3	2-Apr-14	2					
4	16-Jul-14	2					
5	7-Oct-14	2					
6	16-Jan-15	2					
7	8-Jul-15	2					
8	7-Oct-15	2					
9	29-Jan-16	2					
10	17-May-16	2					
11	17-May-16	1.8					
12	17-May-16	2.2					
13	29-Aug-16	1.9					
14	1-Dec-16	1.7					
15	31-Jan-17	1.7					
16	13-Apr-17	1.5					
17	26-Jul-17	1.9					
18	10-Oct-17	2					
19	14-Mar-18	1.2					
20	16-May-18	1.2					
21	23-Jul-18	1.3					
22	19-Oct-18	1.7					
23	18-Jan-19	1.8					
24	23-Apr-19	1.1					
25	25-Jul-19	1.2					
26	17-Oct-19	2					
27	13-Mar-20	2					
28	12-May-20	1.4					
29	7-Aug-20	1.1					
30	9-Nov-20	1.2					
31	3-Mar-21	1.4					
32	17-May-21	1.4					
33	28-Jul-21	2					
34	24-Nov-21	2					
35	12-Jan-22	2					
36	13-May-22	1.4					
37	11-Aug-22	1.8					
38	14-Nov-22	1.5					
39	21-Mar-23	1.4					
40	12-Apr-23	1.8					

Coefficient of Variation:	0.19
Mann-Kendall Statistic (S):	-244
Confidence Factor:	99.8%
Concentration Trend:	Decreasing



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

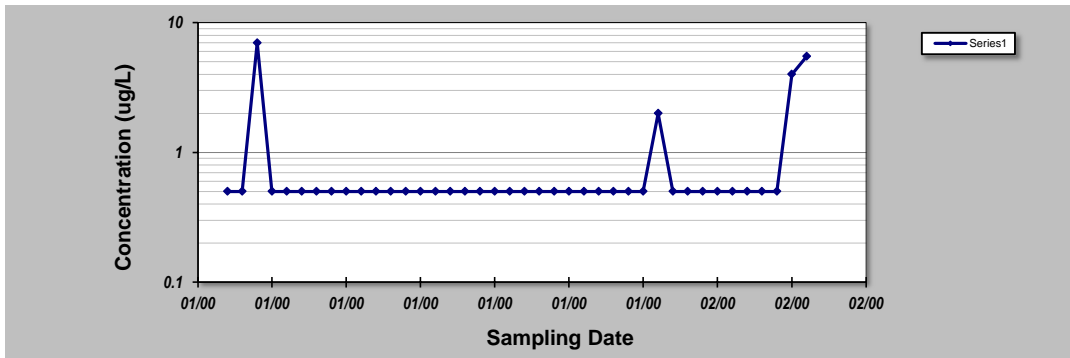
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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: June 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-400 Clarendon**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	13-Feb-01	0.5					
2	23-Apr-01	0.5					
3	11-Jul-01	7					
4	18-Oct-01	0.5					
5	29-Jan-02	0.5					
6	1-May-02	0.5					
7	13-Aug-02	0.5					
8	11-Nov-02	0.5					
9	3-Feb-03	0.5					
10	15-Apr-03	0.5					
11	23-Jul-03	0.5					
12	5-Nov-03	0.5					
13	6-Feb-04	0.5					
14	4-May-04	0.5					
15	15-Jul-04	0.5					
16	26-Oct-04	0.5					
17	12-Jan-05	0.5					
18	22-Apr-05	0.5					
19	18-Jul-05	0.5					
20	27-Oct-05	0.5					
21	1-Feb-06	0.5					
22	16-May-06	0.5					
23	24-Jul-06	0.5					
24	26-Oct-06	0.5					
25	17-Jan-07	0.5					
26	31-May-07	0.5					
27	10-Aug-07	0.5					
28	12-Nov-07	0.5					
29	10-Apr-08	0.5					
30	28-Oct-08	2					
31	27-Apr-09	0.5					
32	16-Oct-09	0.5					
33	25-May-10	0.5					
34	29-Oct-10	0.5					
35	12-May-11	0.5					
36	15-Nov-11	0.5					
37	20-Aug-13	0.5					
38	4-Aug-15	0.5					
39	21-Jan-21	4					
40	27-Mar-23	5.5					
Coefficient of Variation:		1.52					
Mann-Kendall Statistic (S):		60					
Confidence Factor:		75.3%					
Concentration Trend:		No Trend					



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

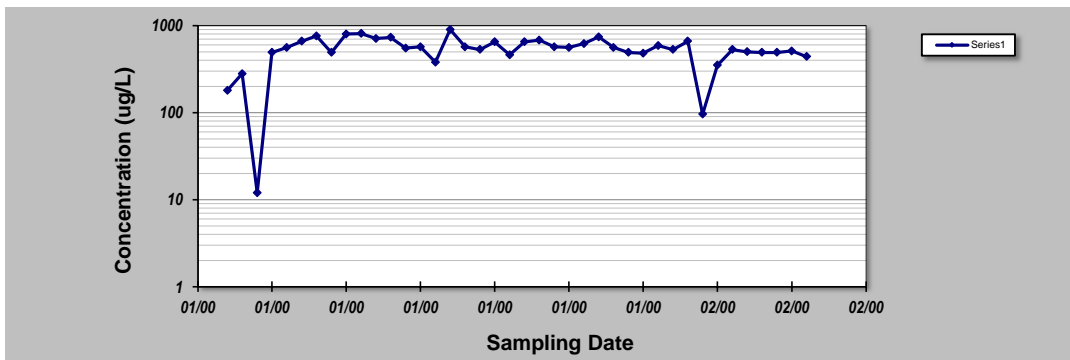
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GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: July 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-BE-1d**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	5-Sep-13	180					
2	18-Nov-13	280					
3	10-Mar-14	12					
4	9-May-14	490					
5	20-Aug-14	560					
6	10-Nov-14	660					
7	10-Mar-15	760					
8	10-Jun-15	490					
9	27-Jul-15	800					
10	20-Nov-15	810					
11	26-Feb-16	710					
12	10-May-16	730					
13	12-Sep-16	550					
14	22-Dec-16	570					
15	16-Feb-17	380					
16	21-Jun-17	900					
17	30-Aug-17	570					
18	17-Nov-17	530					
19	29-Jan-18	650					
20	7-Jun-18	460					
21	27-Aug-18	650					
22	5-Dec-18	680					
23	19-Feb-19	570					
24	16-Apr-19	560					
25	14-Aug-19	620					
26	16-Dec-19	740					
27	3-Feb-20	560					
28	20-Apr-20	490					
29	21-Jul-20	480					
30	22-Oct-20	590					
31	25-Jan-21	530					
32	27-Apr-21	660					
33	21-Jul-21	96					
34	15-Nov-21	350					
35	4-Mar-22	530					
36	22-Apr-22	500					
37	19-Jul-22	490					
38	27-Oct-22	490					
39	7-Feb-23	510					
40	26-Apr-23	440					
Coefficient of Variation:		0.33					
Mann-Kendall Statistic (S):		-111					
Confidence Factor:		89.9%					
Concentration Trend:		Stable					



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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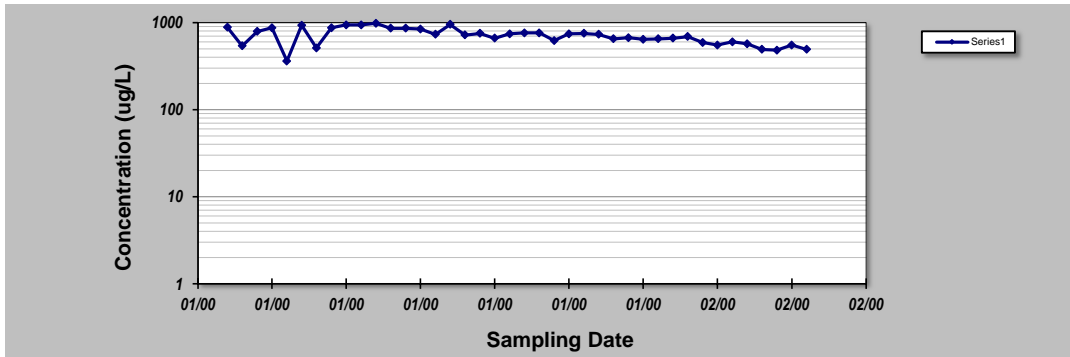
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: July 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-BE-1s**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	28-Aug-13	880					
2	18-Nov-13	540					
3	10-Mar-14	790					
4	9-May-14	870					
5	20-Aug-14	360					
6	10-Nov-14	930					
7	10-Mar-15	510					
8	10-Jun-15	870					
9	27-Jul-15	940					
10	20-Nov-15	940					
11	26-Feb-16	980					
12	10-May-16	860					
13	12-Sep-16	860					
14	22-Dec-16	840					
15	16-Feb-17	730					
16	21-Jun-17	950					
17	30-Aug-17	720					
18	17-Nov-17	750					
19	29-Jan-18	660					
20	28-Jun-18	740					
21	27-Aug-18	760					
22	5-Dec-18	760					
23	19-Feb-19	620					
24	29-Apr-19	740					
25	14-Aug-19	750					
26	16-Dec-19	730					
27	3-Feb-20	650					
28	22-Apr-20	670					
29	21-Jul-20	640					
30	22-Oct-20	650					
31	25-Jan-21	660					
32	27-Apr-21	690					
33	21-Jul-21	590					
34	15-Nov-21	550					
35	3-Mar-22	600					
36	22-Apr-22	570					
37	19-Jul-22	490					
38	27-Oct-22	480					
39	7-Feb-23	550					
40	26-Apr-23	490					

Coefficient of Variation:	0.22
Mann-Kendall Statistic (S):	-3.97
Confidence Factor:	>99.9%
Concentration Trend:	Decreasing



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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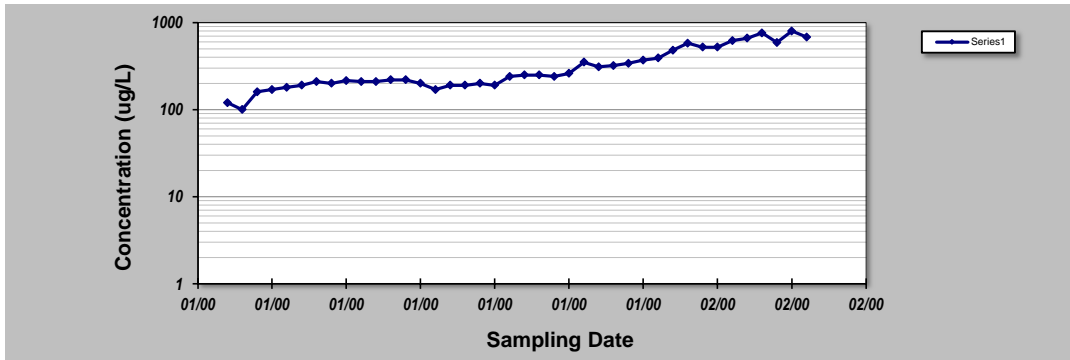
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: July 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-KD-1d**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	30-Jul-13	120					
2	14-Nov-13	100					
3	5-Mar-14	160					
4	12-May-14	170					
5	6-Aug-14	180					
6	10-Nov-14	190					
7	17-Mar-15	210					
8	7-May-15	200					
9	24-Jul-15	215					
10	17-Nov-15	210					
11	25-Feb-16	210					
12	10-May-16	220					
13	9-Sep-16	220					
14	22-Dec-16	200					
15	7-Feb-17	170					
16	25-May-17	190					
17	24-Aug-17	190					
18	31-Oct-17	200					
19	8-Feb-18	190					
20	26-Jun-18	240					
21	23-Aug-18	250					
22	6-Dec-18	250					
23	19-Feb-19	240					
24	30-Apr-19	260					
25	13-Aug-19	350					
26	11-Nov-19	310					
27	18-Feb-20	320					
28	20-Apr-20	340					
29	27-Jul-20	370					
30	28-Oct-20	390					
31	11-Mar-21	480					
32	5-May-21	580					
33	26-Jul-21	520					
34	13-Dec-21	520					
35	17-Feb-22	620					
36	16-May-22	660					
37	4-Aug-22	760					
38	15-Dec-22	590					
39	27-Feb-23	800					
40	6-Jun-23	680					

Coefficient of Variation:	0.58	
Mann-Kendall Statistic (S):	637	
Confidence Factor:	>99.9%	
Concentration Trend:	Increasing	



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

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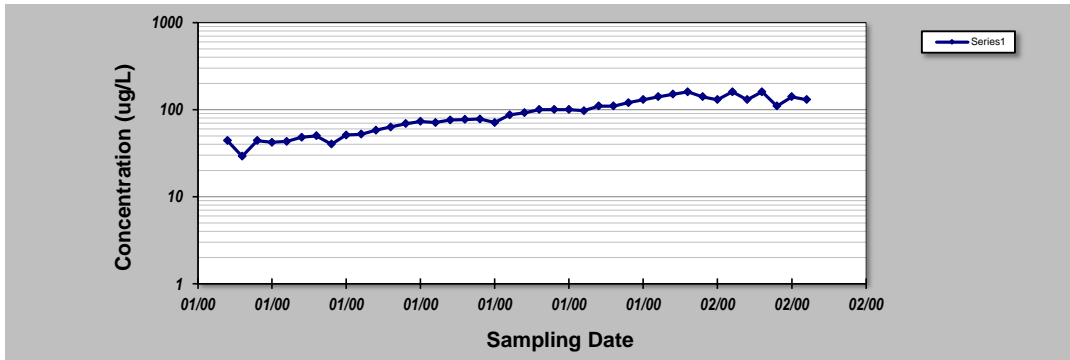
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: July 2023	Job ID: 806500
Facility Name: Gelman Corporation	Constituent: 1,4-Dioxane
Conducted By: Nicholas M Moleski	Concentration Units: ug/L

Sampling Point ID: **MW-KD-1s**

Sampling Event	Sampling Date	1,4-DIOXANE CONCENTRATION (ug/L)					
1	30-Jul-13	44					
2	14-Nov-13	29					
3	5-Mar-14	44					
4	12-May-14	42					
5	6-Aug-14	43					
6	10-Nov-14	48					
7	17-Mar-15	50					
8	7-May-15	40					
9	24-Jul-15	51					
10	17-Nov-15	52					
11	25-Feb-16	58					
12	10-May-16	63					
13	9-Sep-16	69					
14	22-Dec-16	73					
15	7-Feb-17	71					
16	25-May-17	76					
17	24-Aug-17	77					
18	31-Oct-17	78					
19	8-Feb-18	71					
20	26-Jun-18	87					
21	23-Aug-18	92					
22	6-Dec-18	100					
23	19-Feb-19	100					
24	30-Apr-19	100					
25	13-Aug-19	97					
26	11-Nov-19	110					
27	18-Feb-20	110					
28	20-Apr-20	120					
29	27-Jul-20	130					
30	28-Oct-20	140					
31	11-Mar-21	150					
32	5-May-21	160					
33	26-Jul-21	140					
34	13-Dec-21	130					
35	17-Feb-22	160					
36	17-May-22	130					
37	4-Aug-22	160					
38	15-Dec-22	110					
39	27-Feb-23	140					
40	6-Jun-23	130					

Coefficient of Variation:	0.43	
Mann-Kendall Statistic (S):	658	
Confidence Factor:	>99.9%	
Concentration Trend:	Increasing	



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90% and S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
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FOR INTERNAL USE ONLY	
ECT Project Number:	
ECT Project Name:	

ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE

Instructions: Please complete the questionnaire to the best of your knowledge.

PROJECT/SITE INFORMATION				
Project Street Address(es):				
City:		County:		State: Zip:
Parcel Number(s):				
CONTACT INFORMATION				
<i>Contact</i>	<i>Name</i>	<i>Telephone Number</i>	<i>Years Associated with Site</i>	<i>Completing Questionnaire?</i>
Property Owner				
Site Contact				
Key Site Manager				
Previous Owner(s), Operator(s) and/or Occupant(s)				
SUBJECT PROPERTY USE AND SPECIFICATIONS				
Provide a general description of the site use:				
Provide all known current/former addresses and/or parcel numbers:				
Property Acreage:		Original Construction Date:		
Number of Buildings and each of their square footage(s):				
Date(s) of Additions and/or Renovations:		Is there a basement/subgrade level? Yes No If yes, is it a full or partial basement?		
List any plans for redevelopment of the property or changes in use:				
List any bodies of water on or immediately adjacent to the site:				
Is any portion of the property leased for power, energy (e.g., oil, gas, solar, wind, etc.), production, or mineral/mining exploration? Yes No; If yes, please describe:				

Environmental Site Assessment Questionnaire

UTILITY INFORMATION			
Electricity Provider:		Natural Gas Provider:	
Heating System Fuel Source(s):		Cooling System Power Source:	
Sanitary Sewer Provider (if applicable):		Is there any wastewater discharge at the site? Septic Tank Drain/Leach Field Other:	
Potable Water Source/Provider:			
OCCUPANTS/TENANTS			
<i>Current Occupant(s)/Tenant(s)</i>	<i>Length of occupancy</i>	<i>Brief description of on-site operations</i>	
<i>Previous Occupant(s)/Tenant(s)</i>	<i>Length of occupancy</i>	<i>Brief description of on-site operations</i>	
Has the subject property ever been occupied by the following? <input type="checkbox"/> Industrial Facility <input type="checkbox"/> Dry Cleaner <input type="checkbox"/> Gas Station <input type="checkbox"/> Printing Facility <input type="checkbox"/> Manufacturing Facility If yes, please describe operations and provide duration of occupancy:			
Have any previous investigations been performed at the subject property? Yes No; If yes, please describe the report type and provide a copy of each prior report: <input type="checkbox"/> Phase I ESA <input type="checkbox"/> Phase II <input type="checkbox"/> Other			
ON-SITE ENVIRONMENTAL CONDITIONS			
Are you aware of any of the following environmental conditions, either current or former , on the Subject Property? If applicable, please provide inventory records, inspection records and safety data sheets.			
<i>Feature Description</i>	<i>YES</i>	<i>NO</i>	<i>Details for "Yes" Responses (quantity, contents, age, status, etc.)</i>
Aboveground Storage Tanks			
Underground Storage Tanks			
Hazardous/Toxic Substances			
Stored Chemicals			
Chemical Spills/Releases			
Dump Areas/Landfills			
Waste Treatment Systems			
Environmental Permits			
Environmental Cleanups			

Feature Description	YES	NO	Details for "Yes" Responses (quantity, contents, age, status, etc.)
Wastewater Discharges			
Floor Drains/Sumps/Clarifiers			
Pits, Ponds, Lagoons			
Stained Soil/Vegetation			
Pesticide/Herbicide Use			
Polychlorinated Biphenyls (PCBs)			
Electrical Transformers			Type (__Pad __Pole __Dry) and Ownership:
Hydraulic Lifts			__Aboveground __Underground
Elevators			
Lead-based paint			
Oil/Gas Wells			

OTHER ENVIRONMENTAL CONDITIONS

Are you aware of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property? __Yes __No
Explanation:

Are you aware of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property? __Yes __No
Explanation:

Are you aware of any notices from any governmental entity regarding any possible violation of environmental laws or potential liability relating to hazardous substances and/or petroleum products? __Yes __No
Explanation:

Are you aware of any environmental liens or activity and use limitations (AULs) for the property? __Yes __No
Explanation:

SURROUNDING PROPERTIES

Are you aware of any **current or former uses/occupants** of properties near the Subject Property? If yes, please describe location and/or current or former use(s)/occupant(s) below.

North: _____

East: _____

South: _____

West: _____

Name or Signature of Person Completing Questionnaire:

Date:

Appendix G

Qualification(s) of the Environmental Professiona(s)

> Lauren Suhi

Associate Scientist II

Ms. Suhi has over five years experience in the environmental consulting industry. She has completed numerous trasactional due diligence reports for a variety of commerical, multifamily, insustrial, and renewable energy projects. Ms. Suhi has a bachelor's degree in Environmental Science and Global Resource Systems from Iowa State University.



EXPERIENCE

Madison Fields Solar Project | Confidential | Ohio

Associate; Authored a Phase I ESA update for a solar farm project.

Wizard BESS | Peregrine Energy Solutions (PES) | League City, TX

Associate; Authored a Phase I ESA for a proposed battery energy storage system.

Van Zandt BESS | PES | Texas

Associate; Authored a Phase I ESA for a proposed battery energy storage system in an area of historical chemical manufacturing.

Clifford Solar Site | Confidential | Burlington Township, MI

Associate; Authored a Phase I ESA update for a 2,000+ acre solar farm project.

Ventura BESS | Confidential | Ventura, CA

Associate; Authored a Phase I ESA for a proposed battery energy storage system.

EDUCATION

B.S., Environmental Science & Global Resource Systems
Iowa State University

CREDENTIALS

OSHA 40-Hour HAZWOPER, expires November 2023

Asbestos Building Inspector Initial, expires December 2023

AREAS OF EXPERTISE

All Appropriate Inquiries

ASTM E2247 & E1527

Historical Research

Regulatory Research

> Lauren Suhi

Associate Scientist II

Page 2

PREVIOUS CAREER EXPERIENCE

AEI Consultants | Chicago, IL

Provided due diligence services for commercial real estate transactions throughout the Midwest including:

- Phase I Environmental Site Assessment
- Environmental Transaction Screen
- Records Search and Risk Assessment
- Regulatory Database Review

Regularly completed reports on light-industrial, gasoline station/auto repair, multi-tenant commercial and multifamily properties. Self-managed multiple projects simultaneously from start to finish including analyzing historical resources, submitting regulatory inquiries (FOIAs), and performing site reconnaissance. Wrote technical reports in a timely fashion. Reviewed technical environmental subsurface investigative reports, extracts and summarizes pertinent data. Identified and communicated potential environmental concerns to client teams. Provided assistance to AEI's HUD Environmental Services group with HUD-scope Phase I Environmental Site Assessments on existing and new construction multifamily properties. Mentored new project managers by shadowing, sharing resources and assisting in other training activities. Completed lead in drinking water sampling at a day care facility. Completed a Phase I ESA for a large industrial warehouse in the historically industrial Pullman neighborhood of Chicago including a detailed file review of prior subsurface investigations, remedial completion reports and additional regulatory documentation.

> Nicole Rockentine, RG

Geologist

Ms. Rockentine has more than seven years of professional experience in the environmental consulting industry. She is a masters-level educated registered geologist specializing in site characterization, assessment, and remediation. She is also experienced in conducting due diligence environmental assessments on traditional commercial/industrial properties to wind and solar properties up to 150,000-acres. Ms. Rockentine has completed environmental investigations and assessments in over 20 states for regulatory programs and environmental due diligence.



PREVIOUS CAREER EXPERIENCE

Kennedy Jenks Consultants | Overland Park, KS

Performed various field activities including installation of monitoring wells, collection of soil and groundwater samples, recorded and prepared lithologic soil logs, delineated groundwater contaminants, remedial groundwater injections and soil excavation oversight. Assisted in developing and writing monitoring reports, conceptual site models, data gap reports, site characterizations, risk assessments, excavation reports, site closure reports. Conducted data management of long-term monitoring and remediation projects as well as prepared graphical and geographic representation of data for field work, work plans, and reports. Designed and implemented electronic and GIS based field collection forms to increase field efficiency. Execute primary duties independently and offer support and assistance to teammates while maintaining organizational, time management, and technical writing skills.

AEI Consultants | Overland Park, KS

Performed environmental assessments and investigations on residential, commercial, and industrial properties inclusive of wind farms, dry cleaners, gas stations, and manufacturing facilities, among others. Designed, proposed, and implemented more than 70 Phase II soil, groundwater, and soil gas investigations for a variety of suspected contaminants for due diligence and liability purposes across 18 states. Effectively managed all aspects of project completion, including coordinating and scheduling vendors/contractors, negotiating pricing, overseeing field work, sample collection, preparation of soil lithology logs and scaled figures, data interpretation, report writing and recommendations. Collaborated with team members to conduct well surveying, permanent monitoring well installation, and underground storage tank removal.

EDUCATION

M.A., Geology

Miami University

B.A., Geological Sciences

Albion College

CREDENTIALS

Registered Geologist-MO License No.
2020040770

40-Hour / 8-Hour HAZWOPER Certified

AREAS OF EXPERTISE

All Appropriate Inquiries

Landowner Liability Protections

ArcGIS and ESRI applications

ASTM E2247 & E1527

Environmental Sampling

Groundwater Monitoring

Risk-Based Corrective Action

Remediation & Mitigation Programs

Technical Reporting