

Project Name:	Orchard Village Apartments		
Project Address:	Orchard and Santa Clara, Detroit, Michigan		
Sponsors Name:	Community Housing Network Housings Partners	Sponsor E-mail:	cmchallam@chmhousingpartners.org
Consulting Firm:	ASTI Environmental		
Consultant Phone:	(810)225 2800	E-mail:	aspencer@asti-env.com
Consultant Project #:	12206	Report Date:	February 15, 2022

Additional Site Info (please complete if known)			
Site area:	1.63	(acres)	# Units planned: 48
Vacant land:	<input checked="" type="checkbox"/>	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 checked="" type="checkbox"/>
No physical changes planned:	<input type="checkbox"/>	Comments:	

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.**

REPORT FINDINGS

- a. **RECs** - The Phase I ESA revealed a REC(s). Yes No (See Sec. IV) Pg. 1
- b. The site contains a **wetland** area(s). Yes No (See Sec. IV, H.5) Pg. 45
- c. The site or a portion of the site is in the **Special Flood Hazard Area**.
 Yes No (See Sec. IV, H.4) Pg. 45
- d. The site contains a **UST(s)**. Yes No (See Sec. IV, I) Pg. 5
- e. This site contains a **AST(s)**. Yes No (See Sec. IV, H.10) Pg. 5
- e. **EMF** - There are high power electrical transmission lines within 100 yds. of the subject site.
 Yes No (See Sec. IV, H.6) Pg. 45
- f. **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. Yes No (See Sec. IV, H.7) Pg. 46

g. **NOISE** - The subject site is near a busy roadway or within 1000 feet of a limited access freeway or 3,000 feet of a rail line, or within 15 miles of an airport.

Yes No Pg. 46

Was a noise assessment performed? App. 10.9

Yes No (See Sec. IV, H.8)

h. **ASBESTOS** – An ASTM 2356-18 compliant asbestos survey is required for every MSHDA renovation/remodeling project, regardless of the date of construction. Was a NESHAP-compliant asbestos survey performed for this renovation/remodeling project?

Yes No Pg. 45

If Yes, were any asbestos containing materials (ACM) identified?

Yes No (See Sec. IV, H.1)

i. **LEAD** - For structures built before January 1, 1978, a combination lead Risk Assessment/Inspection satisfying state and federal requirements is required. Was a combination lead Risk Assessment/Inspection performed?

Not required (*Post-1977 Date of Construction*) Yes No Pg. 45

If Yes, was Lead Based Paint identified? Yes No (See Sec. IV, H.2)

j. **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 (*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*) was a radon assessment conducted by a Radon Professional was performed?

Not required: Not in >25% county. Yes No Pg. 45

If Yes, was Radon above EPA action level? Yes No (See Sec. IV, H.3)

k. A "Recorded Land Records" search was performed? Yes No (See Sec. IV, C) Pg. 24

l. A Phase II investigation is required? Yes No (See Sec. V) Pg. 42

m. A Tier I and non-invasive Tier II Vapor Encroachment Screen were performed?

Yes No (See Sec. IV, H.9) Pg. 46

If yes, was a **Vapor Encroachment Condition (VEC)** identified and an invasive Tier II investigation is recommended.

Yes No (See Sec. IV, H.9)

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 App. 10.9

- b. User's Disclosure Statement completed? Yes No App. 10.6
- c. Compliant ACORD 25 Certificate of insurance included? Yes No App. 10.10
- d. FEMA Flood Plain Map Included? Yes No App. 10.7
- e. Fire Insurance Maps or No Coverage Letter Included? Yes No App. 10.4
- f. Development Site Plan Included? Yes No App. 10.2
- 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.

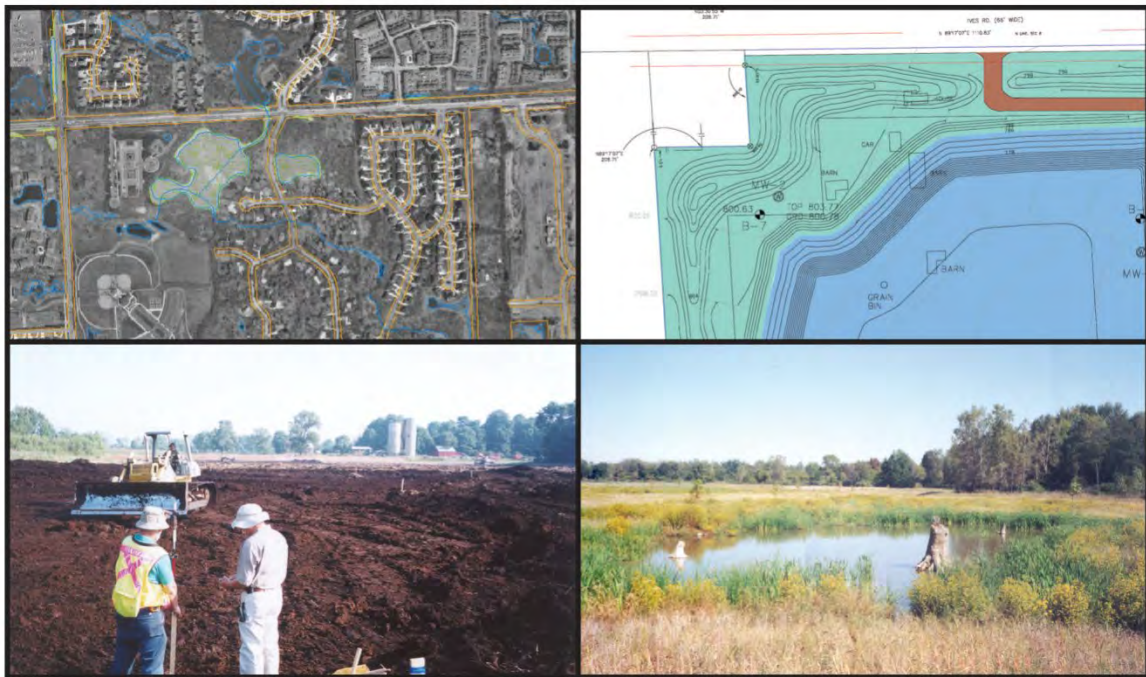
<i>Anthony Spencer</i>	2/15/22	Anthony Spencer
Signature of Environmental Professional	Date	Print or Type Legal Name

Phase I Environmental Site Assessment
Orchard Village Apartments
Orchard Street and Santa Clara Street
Detroit, Michigan

Community Housing Network Housing Partners

February 15, 2022

ASTI ENVIRONMENTAL



Phase I Environmental Site Assessment
Orchard Village Apartments
Orchard Street and Santa Clara Street
Detroit, Michigan

February 15, 2022

Report Prepared For:


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Report Reviewed by:



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1.0 EXECUTIVE SUMMARY

ASTI Environmental (ASTI) was retained by Community Housing Network Housing Partners to conduct a Phase I Environmental Site Assessment (ESA) of the site located on Orchard and Santa Clara Streets in the City of Detroit, Wayne County, State of Michigan (Subject Property). The Phase I ESA was conducted in accordance with American Society for Testing and Materials (ASTM) Practice E1527-13 and the Michigan State Housing Development Authority (MSHDA) Environmental Review Requirements for 2022. The information and opinions rendered in this report are exclusively for reliance by Community Housing Network Housing Partners and MSHDA, and ASTI will not distribute or publish this report without the consent of Community Housing Network Housing Partners, except as required by law or court order. The services provided by ASTI in completing this assessment have been provided in a manner consistent with the normal standards of the profession. No other warranties, expressed or implied, are made.

The Phase I ESA included (1) a site inspection on January 24, 2022, (2) interviews with knowledgeable site contacts, (3) review of pertinent Michigan Department of Environment, Great Lakes, and Energy (EGLE), Department of Licensing and Regulatory Affairs (LARA), Wayne County, and Detroit information, (4) acquisition and review of a federal and Michigan database search, (5) review of historical aerial photographs, Sanborn maps, and city directories, and (6) Noise Assessment, FEMA Map search and National Wetlands Inventory map review.

No testing or sampling of materials (for example, soil, water, and air) was included in this assessment. No limiting conditions were identified during the site reconnaissance, except for those described in Section 6.1.

1.1 Summary and Conclusions

A detailed summary of the findings of this Phase I ESA can be found in Section 8.1.

We have performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-13 and MSHDA requirements of the site located on Orchard and Santa Clara Streets in the City of Detroit, Wayne County, Michigan, referred to as the "Subject Property". Any exceptions to, or deletions from, this practice are described in Section 5.4 of

this report. This assessment has revealed no evidence of recognized environmental conditions (RECs) in connection with the Subject Property, except for the following.

- There was a former dwelling at 21624 Orchard Street that was removed by 1986. The demolition practice and the type of fill used at the former dwelling are unknown. This size of this dwelling is estimated to be 600 to 800 square feet based on the building footprint in Sanborn Maps. It was present from about 1926 to 1986. The foundation type is unknown. If it contained a basement, the typical design during this period was to build an elevated first floor with basement depth for around four feet.

1.2 Data Failure Points

Refer to Section 8.4 for a discussion regarding data failures and/or data gaps encountered during the investigation.

1.3 Identified Liens or Activity Use Limitations

The EGLE Remediation and Redevelopment Division (RRD) maintains a list of properties that have perfected environmental liens on file with the EGLE. The Subject Property was not on the list as of the last update dated October 7, 2021 (Appendix 10.5).

Based on a review of the government records search for the Subject Property provided from EDR and information provided on the User Questionnaire, there are no activity and use limitations (AULs) against the Subject Property.

2.0 INTRODUCTION

ASTI Environmental (ASTI) was retained by Community Housing Network Housing Partners to conduct a Phase I Environmental Site Assessment (ESA) of the site located on Orchard and Santa Clara Streets in the City of Detroit, Wayne County, State of Michigan (Subject Property). The Phase I ESA was conducted in accordance with the American Society for Testing and Materials (ASTM) *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (E1527-13), 40 CFR Part 312: Standards and Practice for All Appropriate Inquiries; Final Rule (AAI), and the Michigan State Housing Development Authority (MSHDA) Environmental Review Requirements for 2022.

2.1 Purpose

The assessment was conducted to identify *recognized environmental conditions*, (RECs), *historical recognized environmental conditions* (HRECs), and *controlled recognized environmental conditions* (CRECs) associated with the historical uses of the Subject Property, current site operations, and the condition of surrounding properties. ASTI understands that the findings of this study will be used for a LIHTC submittal to MSHDA. This Phase I ESA can be also used by Community Housing Network Housing Partners to qualify for one of three landowner liability protections (contiguous property owner, innocent landowner, or bona fide prospective purchaser) available under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980 as amended, and may also be used to qualify for State of Michigan liability defenses and exemption that may be available under Part 201 of the Natural Resources and Environmental Protection Act.

According to ASTM Practice E1527-13, the term *recognized environmental condition* is defined as 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 is not intended to include de minimis conditions that generally do not present a material risk of harm to public 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.

2.2 Detailed Scope of Services

Information required to complete the ESA was obtained from personal interviews and review of practically reviewable and reasonably ascertainable records. Informational sources include the following:

- User's Environmental Questionnaire;
- Owner Questionnaire;
- Key Site Manager;
- Department of Environment, Great Lakes, and Energy (EGLE);
- EGLE Perfected Environmental Liens;
- Department of Licensing and Regulatory Affairs (LARA);
- Available records maintained by the City of Detroit and Wayne County;
- The EDR Radius Map Report with GeoCheck;
- Aerial photographs;
- Sanborn maps;
- City directories;
- Noise Assessment;
- FEMA; and
- U.S. Fish and Wildlife Service NWI Map.

Anthony Spencer inspected the Subject Property and completed report preparation. Copies of resumes are provided in Appendix 10.8.

2.3 Significant Assumptions

Information obtained during this assessment, to the extent it was relied on to form our opinion, was assumed to be complete and accurate. ASTI cannot be held responsible for the quality or content of information obtained from interviews and standard sources. Since ASTI cannot warrant or guarantee that the information provided by interviews and standard sources is accurate or complete, the intention of this Phase I ESA is to reduce, but not eliminate, uncertainty for the potential for RECs, HRECs, and CRECs on the Subject Property.

2.4 Limitations and Exceptions

The information and opinions included in this report were given in response to a limited scope of work being a Phase I ESA per ASTM Practice E1527-13 and MSHDA

Environmental Review Requirements for 2022, and should be considered and implemented only in light of that particular scope of work. The services provided by ASTI in completing this assessment have been provided in a manner consistent with the normal standards of the profession. No other warranties, expressed or implied, are made.

No testing or sampling of materials (for example, soil, water, and air) was included in this assessment. No limiting conditions were identified during the site reconnaissance, except for those described in Section 6.1.

Responses received from regulatory agencies or other secondary sources of information after the issuance of this report may alter the facts, findings, conclusions, or recommendations to this ESA.

2.5 Special Terms and Conditions

The Phase I ESA was performed in conformance with the scope and limitations of ASTM Practice E1527-13, AAI, and MSHDA Environmental Review Requirements for 2022. No special terms and conditions outside ASTM Practice E1527-13, AAI, and MSHDA Requirements have been addressed. Under the AAI Rule and ASTM Practice E1527-13, all appropriate inquiries must be conducted within one year prior to the date of transaction of the Subject Property. However, certain components of the all appropriate inquiries (interviews, liens searches, records review, and visual inspections) must be conducted or updated within 180 days prior to the date of the Subject Property transaction.

2.6 User Reliance

The Phase I ESA was performed for the benefit of Community Housing Network Housing Partners and MSHDA, and ASTI acknowledges that said parties may rely on the contents and conclusions presented in this report. ASTI acknowledges the fact that the scope of work was sufficient in ASTI's opinion to uncover, to the extent of ASTI's services, potential environmental liabilities at the Subject Property.

This effort was performed per authorization of Community Housing Network Housing Partners on December 22, 2021. The information and opinions rendered in this report are exclusively for use by Community Housing Network Housing Partners and MSHDA. ASTI will not distribute or publish this report without the consent of Community Housing Network Housing Partners, except as required by law or court order.

Any use a third party makes of this report, or any reliance upon it, or any decisions based on it, is the sole responsibility of the third party. A third party is not afforded the status of a third party beneficiary unless ASTI expressly agrees to such status in writing. ASTI has no responsibility for any damages that may be suffered by a third party as a result of any decision made, or action taken by a third party, based on this report.

3.0 SITE DESCRIPTION

3.1 Location and Legal Description

General Location	A Site Location Map is provided in Appendix 10.1.		
Section, Township and Range	SE ¼ of Section 10, T01S, R10E		
City/Township, County, State Zip Code	City of Detroit, Wayne County, State of Michigan, 48219		
Parcel Information	Address No.	Parcel No.	Acreage (±)
	21556 Orchard	22014271	0.2
	21566 Orchard	22014270	0.1
	21604 Orchard	22014269	0.15
	21610 Orchard	22014268	0.15
	21624 Orchard	22014267	0.2
	21636 Orchard	22014266	0.2
	21652 Orchard	22014265	0.2
	21525 Santa Clara	22014362	0.13
	21535 Santa Clara	22014363	0.1
	Abandoned ROWs	Not available	0.2

Current assessing records with parcel legal descriptions are included in Appendix 10.5. Acreages for taxable parcels were obtained from the assessing records.

3.2 Site and Vicinity General Characteristics

Subject Property Zoning	SE ¼ of Section 10, T01S, R10E
Local Development Utilization	Residential and community center

A Site Features Map is included in Appendix 10.2. Photographs of the Subject Property and adjoining properties were taken during the site inspection and are provided as Appendix 10.3.

3.3 Current Use of the Subject Property

The Subject Property is currently vacant but has been used for community agricultural programming. ASTI observed raised-bed gardens and mulch.

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

Below is summary of the Subject Property improvements.

Roads and Other Improvements	
Access	Via driveways on nearby streets
Paved Areas	Sidewalks
Maintained Lawn	Throughout
Landscaped Areas	Landscaping berms along roadways, raised-bed gardens on the southwest portion, mulch on the southeast portion
Surface Water	None present

Municipal Services and Utilities			
Service or Utility	Present	Provider	Comments
Potable Water Source	Available	Detroit	
Irrigation Well	No		
Sewage	Available	Detroit	
Storm Sewer	Available	Detroit	
Electrical	Available	DTE	
Natural Gas	Available	DTE	
Solid Waste Disposal	Available		
Heating & Cooling	No		Contains no buildings

There was no indication or evidence of the former presence of potable wells or septic systems on the Subject Property.

A current or prior heating source other than natural gas has not been identified through a review of reasonably ascertainable records.

3.5 Current Uses of Adjoining Properties

ASTI observed adjoining properties during the inspection to evaluate the potential risk these properties may pose to the Subject Property.

Adjoining Property Use			
Direction from Property	Occupant & Address	Use	Potential Concerns Observed During Site Reconnaissance
North	Dwellings	Residential	None
East			
West			
South	No sign, 17330 Greydale	Apparent office building	None

4.0 USER PROVIDED INFORMATION

In order to qualify for one of the landowner liability protections offered by the Small Business Liability Relief and Brownfield's Revitalization Act of 2002, the User, defined by ASTM as *the party seeking to use Practice E1527 to complete an environmental site assessment of the Subject Property*, has specific obligations for completing a successful application of this practice as outlined in Section 6 of ASTM E1527-13. Failure to provide information regarding the obligations outlined to the Environmental Professional may result in a determination that AAI is not complete.

A representative of the User completed a User's Questionnaire on February 3, 2022. A copy of the User's Questionnaire is provided in Appendix 10.6.

4.1 Title Records

A title search was not included in the scope of this Phase I ESA.

4.2 Environmental Liens or Activity and Use Limitations

The User representative was not aware of any environmental liens or activity and land use limitations.

4.3 Specialized Knowledge

The User representative does not have any specialized knowledge or experience related to the Subject Property or nearby properties that might help ASTI identify a potential REC.

4.4 Commonly Known or Reasonably Ascertainable Information

The User representative does not have any commonly known or reasonably ascertainable information indicative of releases or threatened releases on the Subject Property.

4.5 Valuation Reduction for Environmental Issues

According to the User representative, the purchase price represents the fair market value.

4.6 Owner, Property Manager, and Occupant Information

The Subject Property consists of vacant, residential lots owned by the City of Detroit Land Bank Authority. Additional interview information is provided in Section 7.0.

4.7 Reason for Performing Phase I ESA

ASTI understands that the findings of this study will be used for a submittal to MSHDA. This Phase I ESA can be also used by Community Housing Network Housing Partners to qualify for one of three landowner liability protections (contiguous property owner, innocent landowner, or bona fide prospective purchaser) available under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980 as amended, and may also be used to qualify for State of Michigan liability defenses and exemption that may be available under Part 201 of the Natural Resources and Environmental Protection Act.

4.8 Other

No other information was provided.

5.0 RECORDS REVIEW

5.1 Standard Environmental Record Sources

ASTI ordered a government records search for the Subject Property from Environmental Data Resources, Inc. (EDR) in Shelton, Connecticut. A copy of The EDR Radius Map Report with GeoCheck dated December 22, 2021, is included in Appendix 10.5. A description of the databases, search distances, and results are presented in the report.

ASTM-Required Databases			
Database List (ASTM Required Search Distance)	Subject Property Listing	Adjoining Property Listing	Total Applicable ASTM Listings
Federal NPL/State Hazardous Waste Site (1 mile)	No	No	0
Delisted NPL (0.5 mile)	No	No	0
Federal/State/Tribal Equivalent SEMS (0.5 mile)	No	No	1
Federal SEMS Archive (0.5 mile)	No	No	0
Federal RCRA CORRACTS (1 mile)	No	No	0
Federal TSD Facility (0.5 mile)	No	No	0
Federal RCRA Generator (Subject Property/Adjoining)	No	No	0
Federal Inst./Eng. Controls (Subject Property only)	No	No	0
Federal ERNS (Subject Property Only)	No	N/A	0
State/Tribal Landfill or Solid Waste Facility (0.5 mile)	No	No	0
State/Tribal LUST (0.5 mile)	No	No	4
State/Tribal Registered UST (Subject Property/Adjoining Properties)	No	No	0
State/Tribal Inst./Eng. Controls (Subject Property only)	No	N/A	0
State/Tribal Voluntary Cleanup Sites (0.5 mile)	No	No	0
State/Tribal Brownfield Sites (0.5 mile)	No	No	0

Refer to the EDR report Executive Summary for abbreviation descriptions.

Supplemental Databases Selected by Environmental Professional			
Supplemental Database List Name (ASTI Search Distance)	Subject Property Listing	Adjoining Property Listing	Additional Listings in Search Distance
State/Tribal - Part 201 (1 mile)	No	No	1
Michigan Baseline Environmental Assessment (BEA) Sites ($\frac{1}{10}$ mile)	No	No	0
Historical Auto Stations ($\frac{1}{10}$ mile)	No	No	5
Dry Cleaners/Historical Cleaners ($\frac{1}{10}$ mile)	No	No	5
Additional Non-ASTM Databases (Subject Property or Adjoining Property)	No	No	N/A
Orphans	No	No	0

Discussion of Subject Property Listings

There are no Subject Property listings.

Discussion of Off-Site Listings of Environmental Concern

There are no adjoining property listings.

For the remaining listings, ASTI considers select criteria to determine which listings represent an environmental concern to the Subject Property. The criteria include but are not limited to the following.

- Database type
- Topography relative to the Subject Property
- Direction and distance
- Soil profile identified in available sources
- Known or inferred groundwater depth and flow direction
- Status of applicable investigation
- Surface and subsurface conditions including but not limited to buildings, pavement, utility corridors, and surface water features
- Potable water source (well or municipal)

An evaluation of these criteria is completed to determine the level of risk associated with each listing. Listings with likely releases that are found to have the potential to represent an elevated or high risk are requested through FOIA to applicable agencies.

Using the referenced criteria and based upon the information contained within the EDR report, ASTI did identify additional listings beyond adjoining properties that were considered to represent the potential to be an elevated or high risk to the Subject Property. These sites are discussed below.

Site Name	Laundry Services Co., Bassinger Henry C.
Databases Listing(s)	EDR Historical Cleaner
Location	21722 Orchard, Detroit
Distance and Direction	± 160' west
Documentation Requested	• <i>None</i>
Summary of Findings	<p>The listing is for a hand laundry in 1931 and a steam laundry in 1935 and 1940. The address is for a dwelling in the 1930s and 1940s, so the listing is likely a mailing address for a business that was located somewhere else. The location is considered downgradient.</p> <p>Based on available information, distance and gradient, the listing is not considered a REC.</p>

5.2 Additional Environmental Record Sources

Michigan Oil and Gas Wells

Based on a review of the EGLE GeoWebFace search system and EDR report, no oil or gas wells were identified on or adjoining to the Subject Property.

County and Local Records Review

ASTI requested information for the Subject Property from the Wayne County Department of Public Services. A response was received on January 5, 2022, indicating that no records were found (Appendix 10.5).

ASTI requested information for the Subject Property from the Detroit Fire Department. A response was received indicating that the FOIA response time was being extended. No records have been provided during the completion of this Phase I ESA. FOIA requests and responses are included in Appendix 10.5.

ASTI requested information for the Subject Property from the Detroit Assessing Department. A response was received indicating that the FOIA response time was being extended. No

records have been provided during the completion of this Phase I ESA. FOIA requests and responses are included in Appendix 10.5. Copies of current assessing record for taxable parcels were obtained and are provided in Appendix 10.5. The obtained assessing records described the current parcels and contained little historical information.

ASTI reviewed information for the Subject Property from the City of Detroit, Safety Engineering and Environmental Department (BSEED). These consist of permit index cards with information about construction, storage tanks, flammable materials, and boilers. There were no records about storage tanks at the Subject Property. Obtained records are included in Appendix 10.5.

5.3 Physical Setting Sources

A Physical Setting Sources Map, which includes an overlay of the United States Geological Survey (USGS) topographic map (7.5-minute series) for the Redford, Michigan, quadrangle, which includes the Subject Property, is provided in the EDR report in Appendix 10.5. The USGS map is also the basis of the Site Location Map in Appendix 10.1.

Average Elevation (feet above mean sea level)	634
Local Gradient	Declines to the west-southwest
Regional Gradient	Declines to the south-southeast
Nearest Surface Water Body	Rouge River: ½ mile west and flowing south
Groundwater Depth	Unknown based on reviewed records
Groundwater Flow Direction	Inferred to be west or southwest based on gradient and surface water

Soil composition information for the Subject Property is included in the EDR report (Appendix 10.5). The soil component for the Subject Property is described as follows.

Soil Component	Soil Texture	Infiltration Rate	Drainage	Hydric
Urbanland	Variable	Not reported	Not reported	No

According the EGLE/DEQ GeoWebFace, the quaternary geology of the area is lacustrine sand and gravel.

5.4 Historical Use Information on the Subject Property

Reasonably ascertainable standard historical sources as found in Section 8.3.4 of ASTM Practice E1527-13 were used to determine the previous use of the Subject Property and surrounding area. A chronological summary of the sources used may include, but is not limited to aerial photographs, Sanborn maps, city directories, agency records, and prior environmental assessments. ASTI made a *good faith* effort to identify the obvious uses of the Subject Property from the present back to the Subject Property's first developed use, or back to 1940, whichever is earlier. *Data Failures* were encountered as part this assessment and are discussed as data gaps in Section 8.4.

5.4.1 Aerial Photographs

ASTI reviewed available aerial photographs of the Subject Property area provided by EDR. Copies of the aerial photographs are included in Appendix 10.4. The aerial photographs are summarized as follows.

Year	Observations
1937	Subject Property: Six dwellings and vacant lots
	North adjoining: Multiple dwellings and vacant lots
	East adjoining: Multiple dwellings
	South adjoining: Commercial buildings and dwellings
	West adjoining: Multiple dwellings
1940	No significant changes
1949	Subject Property: No significant changes
	South adjoining: Commercial buildings removed and area now primarily parking
	Other adjoining: No significant changes
1952	Subject Property: No significant changes
	South adjoining: Portion of the current commercial building
	Other adjoining: No significant changes
1957	No significant changes
1961	Subject Property: No significant changes
	South adjoining: Larger parking lot
	Other adjoining: No significant changes
1967	No significant changes
1972	
1976	
1981	Subject Property: No significant changes
	South adjoining: Addition constructed onto the commercial building
	Other adjoining: No significant changes
1987	Subject Property: One dwelling removed from Orchard
	Adjoining properties: No significant changes
1997	Subject Property: Two dwellings removed from Orchard

Year	Observations
	Adjoining: Dwelling removal
1999	No significant changes
2005	Subject Property: One dwelling removed from Orchard
	Adjoining: Dwelling removal
2009	No significant changes
2012	Subject Property: One dwelling removed from Orchard
	Adjoining: No significant changes
2016	Subject Property: One dwelling removed from Orchard
	Adjoining: No significant changes

5.4.2 Sanborn Maps

ASTI reviewed available Sanborn maps of the Subject Property area provided by EDR. Copies of the Sanborn maps are included in Appendix 10.4. The maps are summarized as follows.

Year	Observations
1921	Subject Property: No coverage
	South adjoining: Lumber warehouse, coal bin, building labeled liquid propane gas, dwellings and outbuildings
	Other adjoining: No coverage.
1926	Subject Property: Vacant lots on Santa Clara, five dwellings and seven outbuildings on Orchard
	North adjoining: Vacant lots, dwellings, outbuilding and a church
	East adjoining: Dwellings
	South adjoining: No significant changes
	West adjoining: Dwellings and outbuildings
1946	Subject Property: No significant changes
	South adjoining: Previous commercial activities removed
	Other adjoining: No significant changes
1950	Subject Property: No significant changes
	South adjoining: A store and parking lot are evident along with previously identified dwellings
	Other adjoining: No significant changes
1951	No significant changes
1956	
1961	
1978	Subject Property: Some outbuildings have been removed.
	South adjoining: The commercial building is labeled Michigan Department of Social Services Wayne County and it has an addition. Fewer dwellings are evident.
	Other adjoining: No significant changes
1983	No significant changes
1986	Subject Property: The dwelling at 21624 Orchard has been removed.
	Adjoining: No significant changes

Year	Observations
1990	Subject Property: The dwelling at 21652 Orchard has been removed.
	Adjoining: Some offsite building removal
1992	Subject Property: The dwelling at 21566 Orchard has been removed.
	Adjoining: Some offsite building removal
1996	Subject Property: No significant changes
	Adjoining: Some offsite building removal
2002	Subject Property: No significant changes
	Adjoining: Some offsite building removal

5.4.3 City Directories

City directory research was conducted by EDR (Appendix 10.4). The table below summarizes non-residential use information about the Subject Property and adjoining sites.

Year	Observations
1931	Subject Property: Contractor
	North adjoining: Redford Free Methodist Church; Trucking company
	Other adjoining: Residential listings only.
1935	Subject Property: No applicable listings.
	North adjoining: Redford Free Methodist Church
1940	Subject Property: Carpenter
	North adjoining: Detroit Third Free Methodist Church; Contractor
1953	Subject Property: No applicable listings.
	North adjoining: Redford Gospel Chapter
1957, 1962, 1967, 1972	No applicable listings.
1977	Subject Property: No applicable listings.
	North adjoining: Arak Carpet Co
1982, 1987	Subject Property: No applicable listings.
	North adjoining: Northwest Fellowship Church; Arak Carpet Co
1992, 1995, 2000, 2005	Subject Property: No applicable listings.
	North adjoining: Christian Fellowship Church
2010, 2014, 2017	Subject Property: No applicable listings.
	North adjoining: RCCGNA Cornerstone Bible

5.4.4 Title Search

A title search was not included in the scope of this Phase I ESA.

5.4.5 Prior Environmental Investigations

ASTI was not provided with, nor is aware of, prior environmental investigations for the Subject Property.

5.4.6 Summary of Historical Uses on the Subject Property

Based on review of the obtained historical sources, the historic use(s) of the Subject Property is summarized as follows.

Along Santa Clara Street, the Subject Property has been vacant lots or an unpaved public right-of-way since at least 1926. The unpaved public right-of-way is no longer in use and now resembles a vacant lot. The lots are partially overgrown.

Along Orchard Street, the Subject Property was developed for residential use as early as 1926. These residential developments included dwellings and outbuildings. These lots are now vacant and used for agricultural purposes, including raised-bed gardens and mulch storage. The former dwellings were removed at the following times:

- Dwelling at 21624 Orchard removed by 1986,
- Dwelling at 21652 Orchard removed by 1990,
- Dwelling at 21566 Orchard removed by 1992,
- Dwelling at 21610 Orchard removed by 2005,
- Dwelling at 21636 Orchard removed by 2012, &
- Dwelling at 21556 Orchard removed by 2016.

5.5 Historical Use Information on Adjoining Properties

Based on review of the obtained historical sources, the historic uses of adjoining properties are summarized as follows.

Summary of Historic Uses of Adjoining Properties	
Direction	Historical Use Summary
North	Developed residentially since at least 1937 up to present day. A church to the northwest has been evident since at least 1926.
East	Developed residentially since at least 1926 up to present day. Some vacant lots are apparent in present day.
South	Developed as a lumber and coal company from at least 1921 to 1946. A portion of the present-day commercial building was evident as early as 1950 with additions around 1981 and 1997. The current commercial building was identified as Michigan Department of Social Services. Other site uses included residential.
West	Developed residentially since at least 1926 up to present day.

6.0 SITE RECONNAISSANCE

6.1 Methodology and Limiting Conditions

Assessor Name and Title	Anthony Spencer, EP
Date of Inspection	January 24, 2022
Weather Conditions	35 ° F, snowy, cloudy
Methodology	Inspected the Subject Property in a meander and search pattern, including all property boundaries, and adjoining properties from Subject Property and public access areas.
Access Limitations	Overgrown vegetation, snow
Adverse Subject Property Conditions	None identified

6.2 General Site Settings

General Location	A Site Location Map is included in Appendix D.
City/Township, County, State Zip Code	City of Detroit, Wayne County, State of Michigan, 48219
Acreage	1.63
Local Development Utilization	Residential, commercial office

6.3 Exterior Observations

The following table summarizes the site exterior observations. Items observed are discussed further following the table.

Category	Item	Item Observed
Above Ground Hazardous Substances and Petroleum Products	Drums, barrels or containers ≥5 gallons in connection with identified uses	No
	Drums, barrels or containers ≥5 gallons not in connection with identified uses	No
	Unidentified Substance Containers	No
	ASTs	No
Underground Hazardous Substances and Petroleum Products	USTs (fill ports and/or vent pipes)	No
	Fuel dispensers	No
	Natural gas or petroleum pipelines/wells	No
Basic & Specialized Systems (Electrical, Hydraulic, Refrigeration, & PCBs)	Pole-mounted transformers	Yes
	Pad-mounted transformers	No
	Capacitors	No
	Hydraulic equipment	No
	Emergency generator	No

Category	Item	Item Observed
	High-power transmission lines (EMF)	No
Indications of Releases or Potential Releases	Stained soil or pavement	No
	Stressed vegetation	No
	Pools of liquid	No
	Strong or pungent odors	No
	Filled Land	No
	Unregulated/Unauthorized Waste Disposal	No
Drainage & Waste Collection Systems	Pits	No
	Ponds	No
	Lagoons	No
	Sumps	No
	Storm water collection basins	No
	Monitor wells	No
	Dry wells/crocks	No
	Oil-water separators	No
	Regulated/Authorized Waste Removal (Dumpsters)	No
Other Notable Items	Landscaping Berms	Yes

Items noted as not observed do not fully warrant that these items are not present on the Subject Property as some items may not have been readily observable.

Two pole-mounted transformers were identified in the alley in the center of the Subject Property. They were in fair condition and are likely owned by the local utility provider.

There are landscaping berms along the sidewalk on the lots on Orchard Street. The berm soil and soil used to backfill former basements was acquired from Eagle Landscape Supply.

6.4 Interior Observations

There are no buildings; therefore, interior observations do not apply.

7.0 INTERVIEWS

7.1 Interview with Owner

The Subject Property is owned by the City of Detroit Land Bank Authority. The owner did not respond to ASTI's request to complete an Owner Questionnaire. These parcels were acquired through tax foreclosure by the City of Detroit and later transferred to the Land Bank Authority.

7.2 Interview with Key Site Manager

The Subject Property lots along Orchard Street have been used by Motor City Blight Busters. Currently, these lots contain raised-bed gardens and mulch. According to Al Manfroni, Founder and Chief Executive of Motor City Blight Busters (MCBB), after 1988 it was MCBB that removed the former dwellings along Orchard Street and clean soil was used to backfill basements. The clean soil was acquired from Eagle Landscape Supply.

7.3 Interview with Occupants

Refer to Section 7.2.

7.4 Interviews with Local Government Officials

Conversations with local government officials were limited to requesting records.

7.5 Interviews with Others

No others were interviewed as part of this assessment.

8.0 EVALUATION

8.1 Findings

Subject Property

Uses

Along Santa Clara Street, the Subject Property has been vacant lots or an unpaved public right-of-way since at least 1926. The unpaved public right-of-way is no longer in use and now resembles a vacant lot. The lots are partially overgrown.

Along Orchard Street, the Subject Property was developed for residential use as early as 1926. These residential developments included dwellings and outbuildings. These lots are now vacant and used for agricultural purposes, including raised-bed gardens and mulch storage. The former dwellings were removed at the following times:

- Dwelling at 21624 Orchard removed by 1986,
- Dwelling at 21652 Orchard removed by 1990,
- Dwelling at 21566 Orchard removed by 1992,
- Dwelling at 21610 Orchard removed by 2005,
- Dwelling at 21636 Orchard removed by 2012, &
- Dwelling at 21556 Orchard removed by 2016.

Subject Property

Interviews

The Subject Property lots along Orchard Street have been used by Motor City Blight Busters. Currently, these lots contain raised-bed gardens and mulch. According to Al Manfroni, Founder and Chief Executive of Motor City Blight Busters (MCBB), after 1988 it was MCBB that removed the former dwellings along Orchard Street and clean soil was used to backfill basements. The clean soil was acquired from Eagle Landscape Supply.

Opinion: Dwelling removal requires demolition debris disposal and backfilling of former building basements. According to an interview with the founder of Motor City Blight Busters, their policy is the removal all demolition debris, including the foundation, and to backfill basements with clean fill. The clean fill is purchased from Eagle Landscape Supply. Motor City Blight Busters was founded in 1988 in northwest Detroit. Based on interview information with the company directly involved with demolition, it is not likely for impacted backfill to be present in the footprint of the former dwellings at 21652 Orchard removed by

1990, 21566 Orchard removed by 1992, 21610 Orchard removed by 2005, 21636 Orchard removed by 2012, and 21556 Orchard removed by 2016.

REC Opinion: There was a former dwelling at 21624 Orchard Street that was removed by 1986. The demolition practice and the type of fill used at the former dwelling are unknown. This size of this dwelling is estimated to be 600 to 800 square feet based on the building footprint in Sanborn Maps. It was present from about 1926 to 1986. The foundation type is unknown. If it contained a basement, the typical design during this period was to build an elevated first floor with basement depth for around four feet.

8.2 Opinion

Based on the site inspection, interviews, regulatory and municipal records review, and review of historical documentation, the following is opined by the EP.

The EP did not identify any de minimis conditions associated with the Subject Property.

The EP did not identify any HRECs associated with the Subject Property.

The EP did not identify any CRECs associated with the Subject Property.

The EP did not identify any RECs associated with the Subject Property, except for the following.

- There was a former dwelling at 21624 Orchard Street that was removed by 1986. The demolition practice and the type of fill used at the former dwelling are unknown. This size of this dwelling is estimated to be 600 to 800 square feet based on the building footprint in Sanborn Maps. It was present from about 1926 to 1986. The foundation type is unknown. If it contained a basement, the typical design during this period was to build an elevated first floor with basement depth for around four feet.

8.3 Additional Investigation

A subsurface investigation is recommended to evaluate the identified REC.

8.4 Data Gaps

Data gaps occur when the EP is unable to obtain information required despite a *good faith* effort.

Data failure is one type of data gap. According to ASTM Practice E1527-13, data failure occurs when all of the standard historical sources that are *reasonably ascertainable* and likely to be useful have been reviewed and yet the objectives have not been met. Historical sources are required to document property use back to the Subject Property's first developed use or back to 1940, whichever is earlier. A data failure occurred and is described below.

Data Gap	The Subject Property was developed prior to the earliest reasonably ascertainable standard historical sources.	
Is this a significant data gap?	No	
Rationale	The early use is residential and vacant lots. In this area, these were either the first use or they were developed from farmland.	

No additional data gaps were encountered during this investigation, except those listed below.

Data Gap	ASTI was unable to interview the Owner.	
Is this a significant data gap?	No	
Rationale	Information from other sources provided sufficient information regarding past use. If the Owner is made available in the future, they should be interviewed to identified potential RECs.	

Data Gap	ASTI was unable to review potential Fire Department and Assessing Department records.	
Is this a significant data gap?	No	
Rationale	Information from other sources provided sufficient information regarding past use. If the records are made available in the future, they should be reviewed for potential RECs.	

Data Gap	ASTI was unable to determine past heating fuel sources for the Subject Property. The fuel sources may have included electric, wood, coal, or fuel oil.	
Is this a significant data gap?	No	
Rationale	Although no evidence (i.e., fill ports, vent pipes, or pressure gages, etc.) or information regarding the use of heating fuel was found during the assessment, based on the age of the former residences/buildings (built in the early 1900s), there is a potential that heating oil was used as a fuel source prior to natural gas. If a buried heating oil fuel tank is found during any redevelopment activities, the tank should be properly decommissioned with verification sampling conducted.	

8.5 Conclusions

We have performed a Phase I ESA in accordance with the scope and limitations of ASTM Practice E1527-13 of the site located on Orchard and Santa Clara Streets in the City of Detroit, Wayne County, State of Michigan, the Subject Property. Any exceptions to, or deletions from, this practice are described in Section 5.4 of this report. This assessment has revealed no recognized environmental conditions in connection with the Subject Property, except for the following.

- There was a former dwelling at 21624 Orchard Street that was removed by 1986. The demolition practice and the type of fill used at the former dwelling are unknown. This size of this dwelling is estimated to be 600 to 800 square feet based on the building footprint in Sanborn Maps. It was present from about 1926 to 1986. The foundation type is unknown. If it contained a basement, the typical design during this period was to build an elevated first floor with basement depth for around four feet.

8.6 Additional Services

No additional services were performed.

8.7 Deviations

No deletions, deviations, or additions to E1527-13 have occurred during this assessment, except for MSHDA Environmental Review Requirements for 2022.

8.8 References

The following references were used in preparing this Phase I ESA.

- Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process E1527-13
- Michigan State Housing Development Authority Environmental Review Requirements for 2022
- Standard Guide for Vapor Encroachment Screening on Subject Property Involved in Real Estate Transactions: ASTM E2600-15
- The EDR Radius Map Report with GeoCheck
- The EDR Aerial Photo Decade Package
- EDR Certified Sanborn Map Report
- The EDR-City Directory Image Report
- User Questionnaire

- Assessing Department
- Health Department
- Building Department
- Fire Department
- EGLE Perfected Environmental Liens List
- <http://www.deq.state.mi.us/GeoWebFace/>
- <https://pvnpm.phmsa.dot.gov/PublicViewer/>
- U. S. Fish and Wildlife Service
- FEMA

8.9 Signature(s) of Environmental Professional

I 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.



Anthony Spencer

Environmental Professional

8.10 Qualification(s) of Environmental Professional(s)

Anthony Spencer has been conducting Phase I Environmental Site Assessments for over 10 years, and he has been with ASTI Environmental for over 10 years. Mr. Spencer has a Bachelor's Degree in Environmental Science from Wayne State University.

9.0 NON-SCOPE SERVICES DISCUSSION

9.1 Asbestos-Containing Materials (ACMs)

There are no structures present on the Subject Property.

9.2 Lead-Based Paint (LBP)

There are no structures present on the Subject Property.

9.3 Radon Gas

Wayne County is not a MSHDA radon mitigation county. Wayne County is located within EPA Radon Zone 3. According to EGLE, less than 25% of tested homes in Wayne County have unacceptable radon levels.

9.4 100-Year Floodplain

The Subject Property is not located within a flood hazard zone per FEMA Panel 26163CO285E dated February 2, 2012 (Appendix 10.7).

9.5 Wetlands

A wetland delineation was not included in the scope of this Phase I ESA. No obvious wetland features were observed on the Subject Property parcel. ASTI obtained a National Wetlands Inventory map from the U.S. Fish and Wildlife Service (Appendix 10.7). No NWI wetlands were identified.

9.6 EMF

No EMF lines were observed near the Subject Property. No cell towers or roof top phone towers, antennas, or arrays were observed.

9.7 High Pressure Buried Gas Lines

The Subject Property is not believed to be located within 1,000 feet of buried high-pressure gas transmission lines. No signage for transmission lines were identified during site reconnaissance.

9.8 Noise Analysis

A noise analysis was conducted for the Subject Property and is included in Appendix 10.7. Using the HUD DNL calculator, the noise level at NAL #1, as predicted in 2032, is calculated to be 59 dB and within the Acceptable range.

9.9 Assessment of Potential Vapor Encroachment Conditions, ASTM E 2600-15

The purpose of Tier 1 and Tier 2 Non-Invasive screening is to conduct an initial screen to determine if a vapor encroachment condition (VEC) exists in connection with the Subject Property. The vapor encroachment screen (VES) is conducted in accordance with ASTM E 2600-15.

Screening tests: 1) search distance test to determine if there are any known or suspected contaminated properties in the area of concern (AOC) 2) a chemicals of concern (COC) test to determine for those known or suspect contaminated properties within the AOC whether or not COC are likely to be present. The critical distance is defined as the lineal distance in any direction between the nearest edge of the contaminated plume and the nearest property boundary. For contaminated properties downgradient of the Subject Property the AOC is reduced to the area within the critical distance.

- Critical distance = 30 feet for dissolved petroleum hydrocarbon COC
- Critical distance = 100 feet for COC and petroleum hydrocarbon COC @ LNAPL

The following sites were identified for discussion by the EP in the primary area of concern, which is $\frac{1}{3}$ mile (1,742 feet) for Chemicals of Concern (COC) and $\frac{1}{10}$ mile (528 feet) for petroleum hydrocarbon COC.

The REC listed Section 8.5 represents a potential VEC. No VECs from offsite sources were identified.

The screening process concludes that a VEC cannot be ruled out.

9.10 Assessment of Acceptable Separation Distance

The Subject Property is located at an Acceptable Separation Distance (ASD) from any above-ground explosive or flammable fuels or chemicals containers according to 24 CFR 51C. No explosive or flammable hazards, including ASTs were found on the Subject

Property based on interviews with site managers and comprehensive site investigations. Review of aerial photographs and AST licensing information revealed no ASTs located within 1-mile of the Subject Property.

9.11 Adjoining or Close Proximity Industrial Uses

There are no active or former adjoining or close proximity industrial sites. Therefore, no separate summary document has been prepared.

10.0 APPENDICES

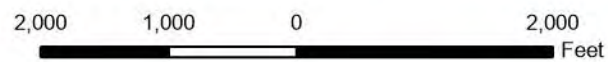
- 10.1 Site Location Map/USGS 7.5 min. Topographic Map
- 10.2 Site Features Map
- 10.3 Site Photographs
- 10.4 Historical Research Documentation: Aerial Photographs, Certified Sanborn Map Report, and City Directory Summary
- 10.5 Regulatory Records Documentation: The EDR Radius Map Report with GeoCheck, FOIA Requests, Health Department Response, Assessing Records, City of Detroit Building Department Index Permit and City of Detroit, Safety Engineering and Environmental Department Oil Tank Card Records, and EGLE Perfected Environmental Liens
- 10.6 Interview Documentation: MSHDA User's Questionnaire and Development Plan
- 10.7 Special Contractual Conditions Between User and Environmental Professional: FEMA Firmette Map, National Wetlands Inventory Map, and Noise Assessment
- 10.8 Qualifications of the Environmental Professional(s)
- 10.9 MSHDA Phase I Letter of Reliance
- 10.10 Copy of Environmental Professional Insurance Certificate

10.1 Site Location Map/USGS 7.5 min. Topographic Map



Orchard & Santa Clara

21624 Orchard Street,
Detroit, MI



10.2 Site Features Map



Service Layer Credits: Detroit_RGB_projFix_sid:

Orchard & Santa Clara

21624 Orchard Street,
Detroit, MI



Created for: CHN Housing Partners
Created by: RMH, February 14, 2022, ASTI Project 12206

Site Features Map

10.3 Site Photographs

PHOTO LOG

Vacant Lots on Orchard and Santa Clara, Detroit, Michigan



Photo 1. Subject Property from the southeast



Photo 2. Subject Property from southwest



Photo 3. Berm on the south border of Subject Property

PHOTO LOG

Vacant Lots on Orchard and Santa Clara, Detroit, Michigan



Photo 4. Mulch piles on east side of Subject Property



Photo 5. Northwest portion of Subject Property



Photo 6. Berm on northern edge of Subject Property

PHOTO LOG

Vacant Lots on Orchard and Santa Clara, Detroit, Michigan



Photo 7. Subject Property from northwest corner



Photo 8. The church on Santa Clara, located approximately 150-feet northwest of the Subject Property



Photo 9. Example of an adjoining dwelling

PHOTO LOG

Vacant Lots on Orchard and Santa Clara, Detroit, Michigan



Photo 10. The south adjoining property



Photo 11. Example of an adjoining vacant lot

10.4 Historical Research Documentation: Aerial Photographs, Certified Sanborn Maps, and City Directory Summary



21525 Santa Clara

21525 Santa Clara

Detroit, MI 48219

Inquiry Number: 6797557.8

December 22, 2021

The EDR Aerial Photo Decade Package



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

EDR Aerial Photo Decade Package

12/22/21

Site Name:

21525 Santa Clara
21525 Santa Clara
Detroit, MI 48219
EDR Inquiry # 6797557.8

Client Name:

Applied Science & Technology
10448 Citation Drive
Brighton, MI 48116
Contact: Laura Gray



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

Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1999	1"=500'	Acquisition Date: March 28, 1999	USGS/DOQQ
1997	1"=500'	Flight Date: May 04, 1997	DTE
1987	1"=500'	Flight Date: June 14, 1987	USDA
1981	1"=500'	Flight Date: October 17, 1981	DTE
1976	1"=500'	Flight Date: March 25, 1976	USDA
1972	1"=500'	Flight Date: July 01, 1972	USDA
1967	1"=500'	Flight Date: May 12, 1967	DTE
1961	1"=500'	Flight Date: May 24, 1961	DTE
1957	1"=500'	Flight Date: May 16, 1957	DTE
1952	1"=500'	Flight Date: April 25, 1952	DTE
1949	1"=500'	Flight Date: May 03, 1949	DTE
1940	1"=500'	Flight Date: August 01, 1940	USDA
1937	1"=500'	Flight Date: July 23, 1937	USDA

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INQUIRY #: 6797557.8

YEAR: 2016

— = 500'



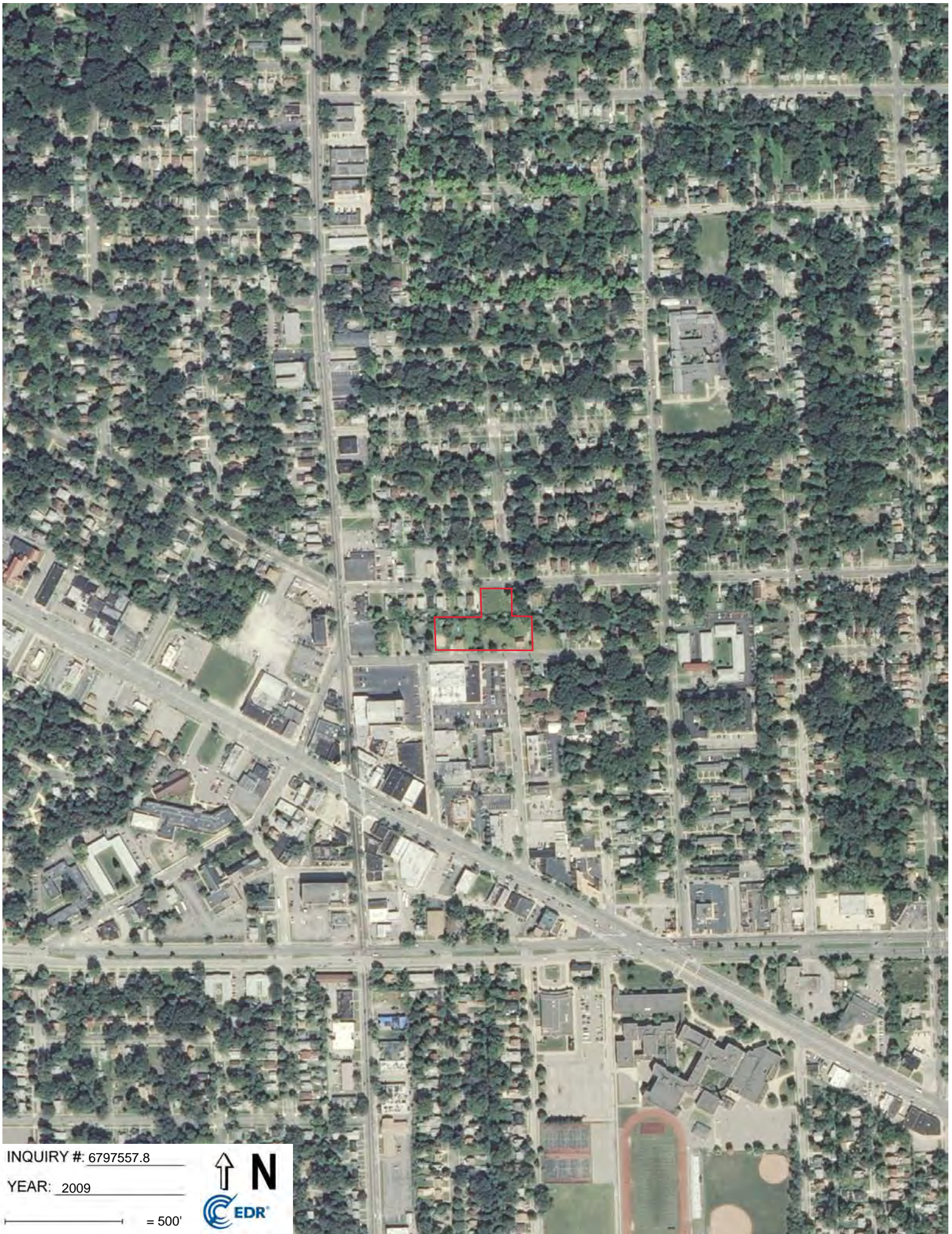


INQUIRY #: 6797557.8

YEAR: 2012

— = 500'





INQUIRY #: 6797557.8

YEAR: 2009

— = 500'



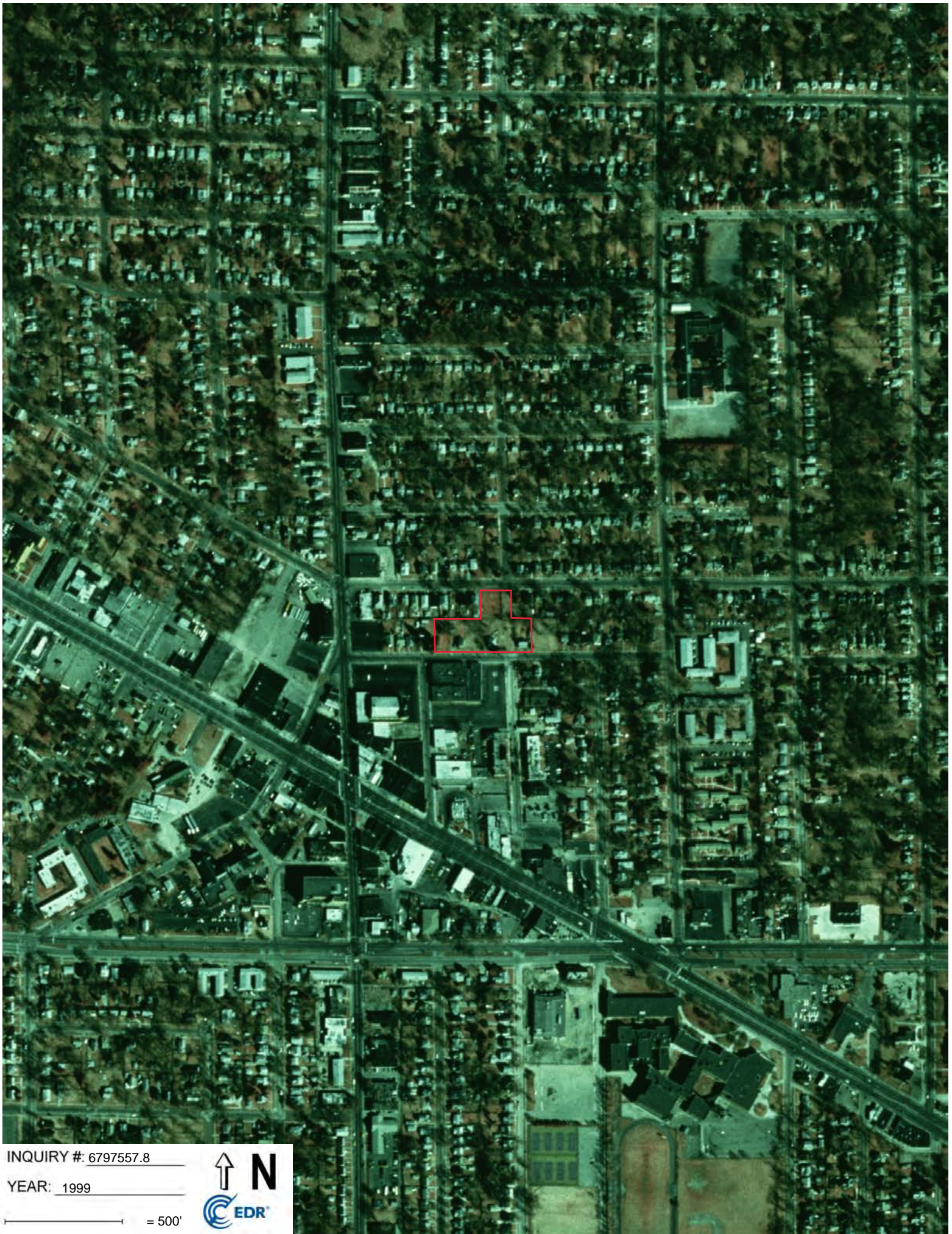


INQUIRY #: 6797557.8

YEAR: 2005

— = 500'





INQUIRY #: 6797557.8

YEAR: 1999

— = 500'





INQUIRY #: 6797557.8

YEAR: 1997

— = 500'





INQUIRY #: 6797557.8

YEAR: 1987

— = 500'





INQUIRY #: 6797557.8

YEAR: 1981

— = 500'





INQUIRY #: 6797557.8

YEAR: 1976

— = 500'





INQUIRY #: 6797557.8

YEAR: 1972

— = 500'



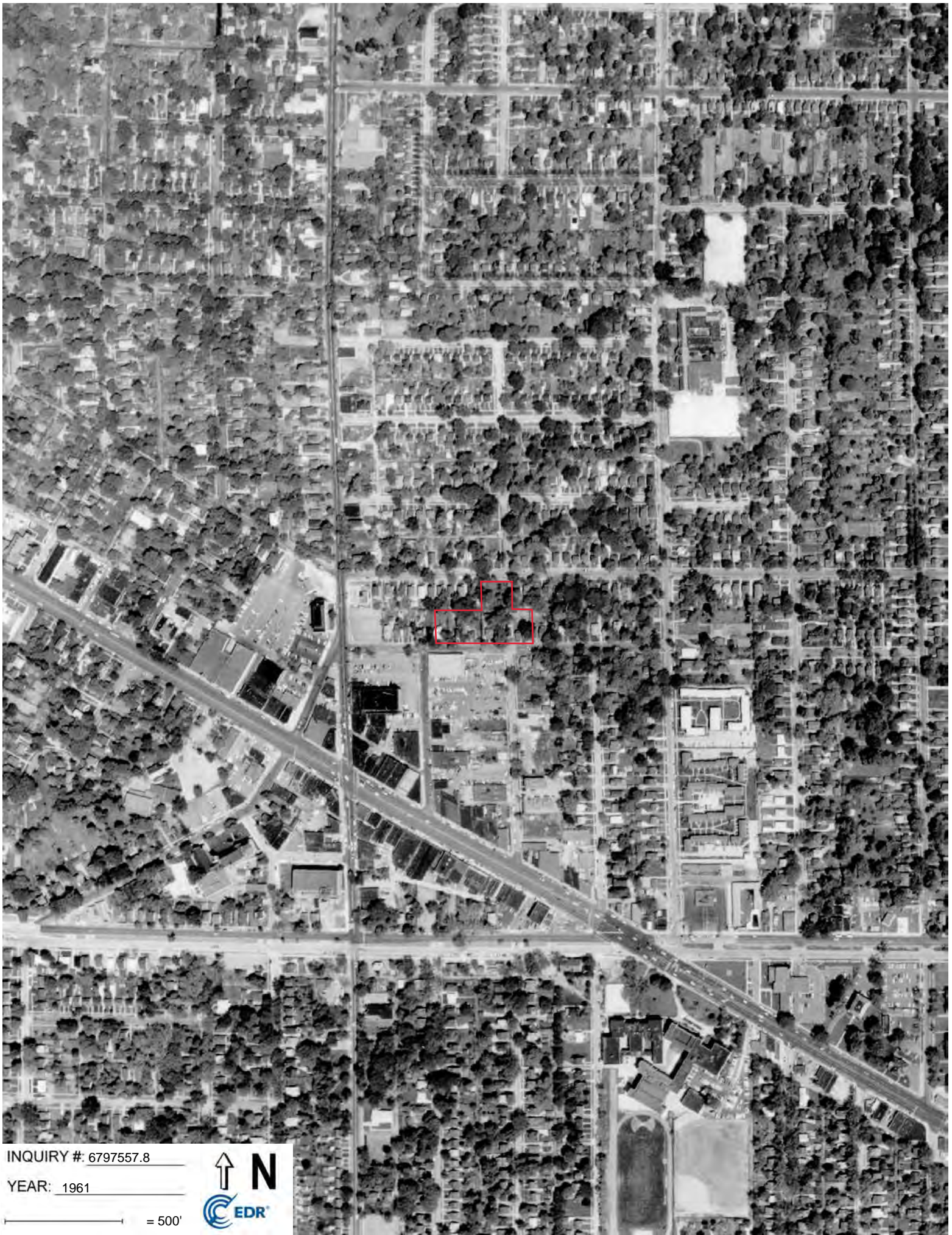


INQUIRY #: 6797557.8

YEAR: 1967

— = 500'





INQUIRY #: 6797557.8

YEAR: 1961

— = 500'





INQUIRY #: 6797557.8

YEAR: 1957

— = 500'





INQUIRY #: 6797557.8

YEAR: 1952

— = 500'





INQUIRY #: 6797557.8

YEAR: 1949

— = 500'





INQUIRY #: 6797557.8

YEAR: 1940

— = 500'





INQUIRY #: 6797557.8

YEAR: 1937

— = 500'





21525 Santa Clara

21525 Santa Clara

Detroit, MI 48219

Inquiry Number: 6797557.3

December 22, 2021

Certified Sanborn® Map Report



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Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

12/22/21

Site Name:

21525 Santa Clara
21525 Santa Clara
Detroit, MI 48219
EDR Inquiry # 6797557.3

Client Name:

Applied Science & Technology
10448 Citation Drive
Brighton, MI 48116
Contact: Laura Gray



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Project 12206

Maps Provided:

2002	1956
1996	1951
1992	1950
1990	1946
1986	1926
1983	1921
1978	
1961	



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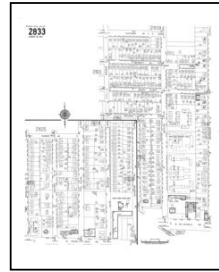
2002 Source Sheets



Volume 28, Sheet 2812
2002



Volume 28, Sheet 2813
2002



Volume 28, Sheet 2833
2002

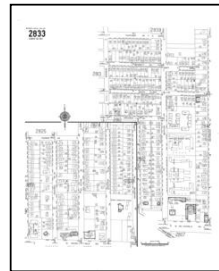
1996 Source Sheets



Volume 28, Sheet 2812
1996



Volume 28, Sheet 2813
1996



Volume 28, Sheet 2833
1996

1992 Source Sheets



Volume 28, Sheet 2812
1992



Volume 28, Sheet 2833
1992



Volume 28, Sheet 2813
1992

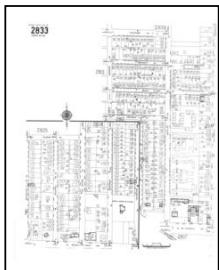
1990 Source Sheets



Volume 28, Sheet 2812
1990



Volume 28, Sheet 2813
1990



Volume 28, Sheet 2833
1990

Sanborn Sheet Key

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1986 Source Sheets



Volume 28, Sheet 2833
1986



Volume 28, Sheet 2812
1986



Volume 28, Sheet 2813
1986

1983 Source Sheets



Volume 28, Sheet 2812
1983



Volume 28, Sheet 2813
1983



Volume 28, Sheet 2833
1983

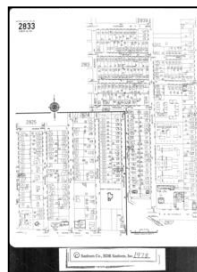
1978 Source Sheets



Volume 28, Sheet 2812
1978



Volume 28, Sheet 2813
1978



Volume 28, Sheet 2833
1978

1961 Source Sheets



Volume 17A, Sheet 90
1961



Volume 17A, Sheet 92
1961

Sanborn Sheet Key

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1956 Source Sheets



Volume 17A, Sheet 90
1956



Volume 17A, Sheet 93
1956

1951 Source Sheets



Volume 17A, Sheet 89
1951



Volume 17A, Sheet 92
1951

1950 Source Sheets



Volume 17A, Sheet 89
1950



Volume 17A, Sheet 92
1950

1946 Source Sheets



Volume 17A, Sheet 92
1946



Volume 17A, Sheet 89
1946

Sanborn Sheet Key

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1926 Source Sheets



Volume 17, Sheet 89
1926



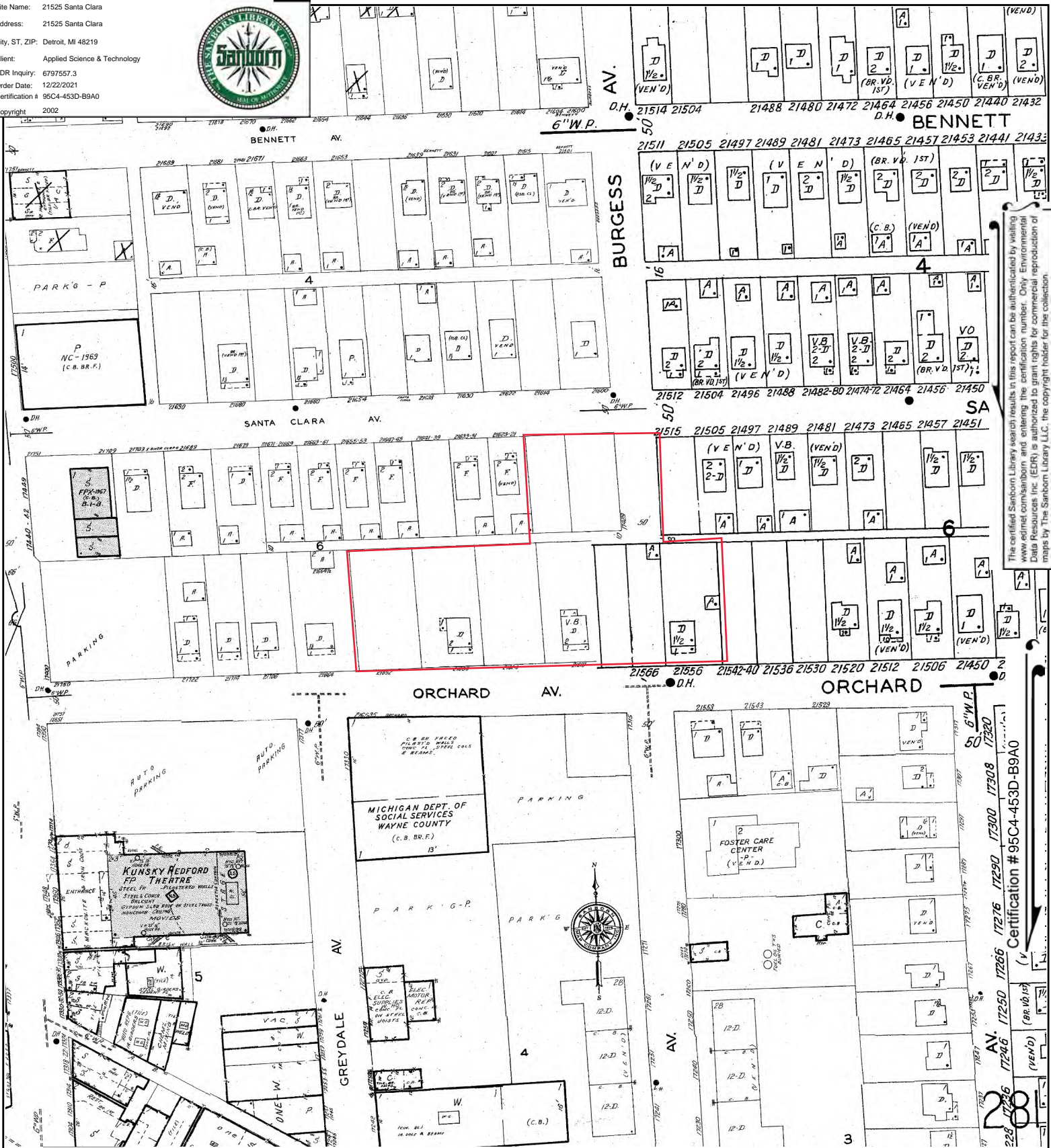
Volume 17, Sheet 92
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1921 Source Sheets



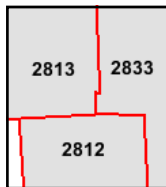
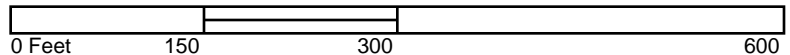
Volume 1, Sheet 2
1921

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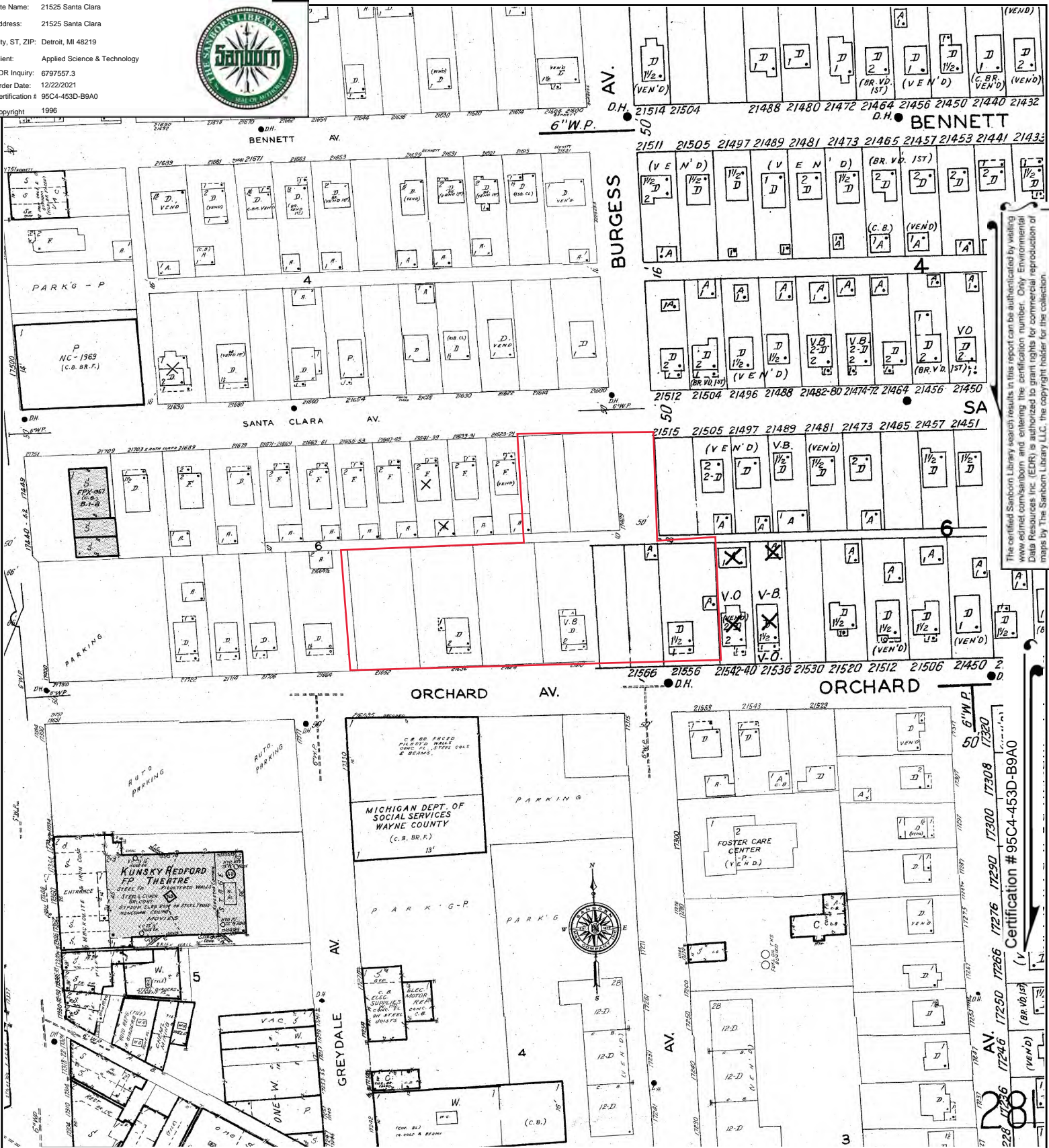
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Volume 28, Sheet 2833
 Volume 28, Sheet 2813
 Volume 28, Sheet 2812

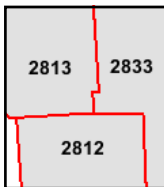
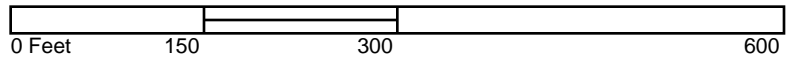


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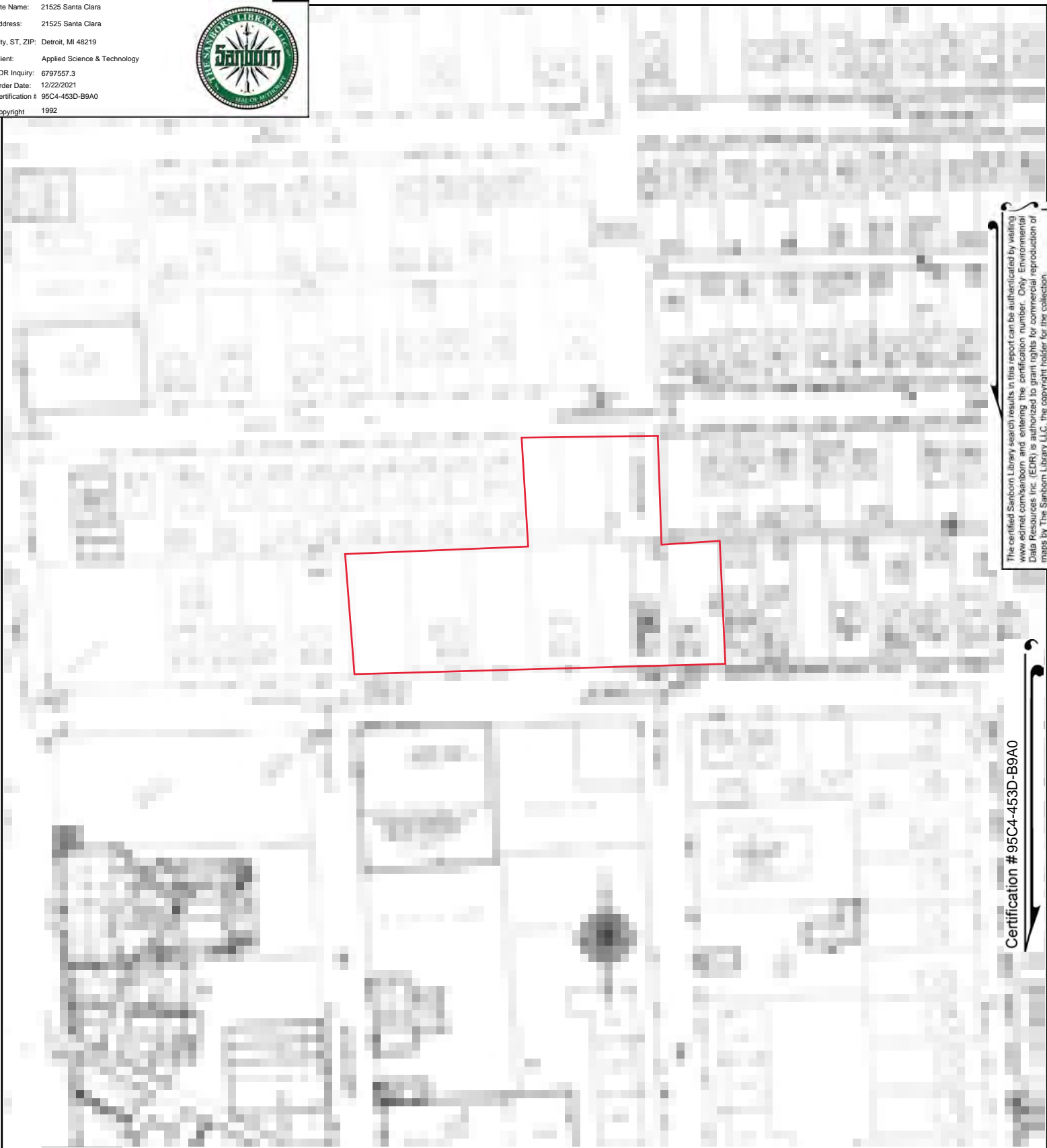
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Volume 28, Sheet 2833
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Volume 28, Sheet 2812



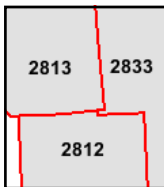
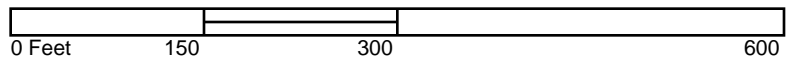
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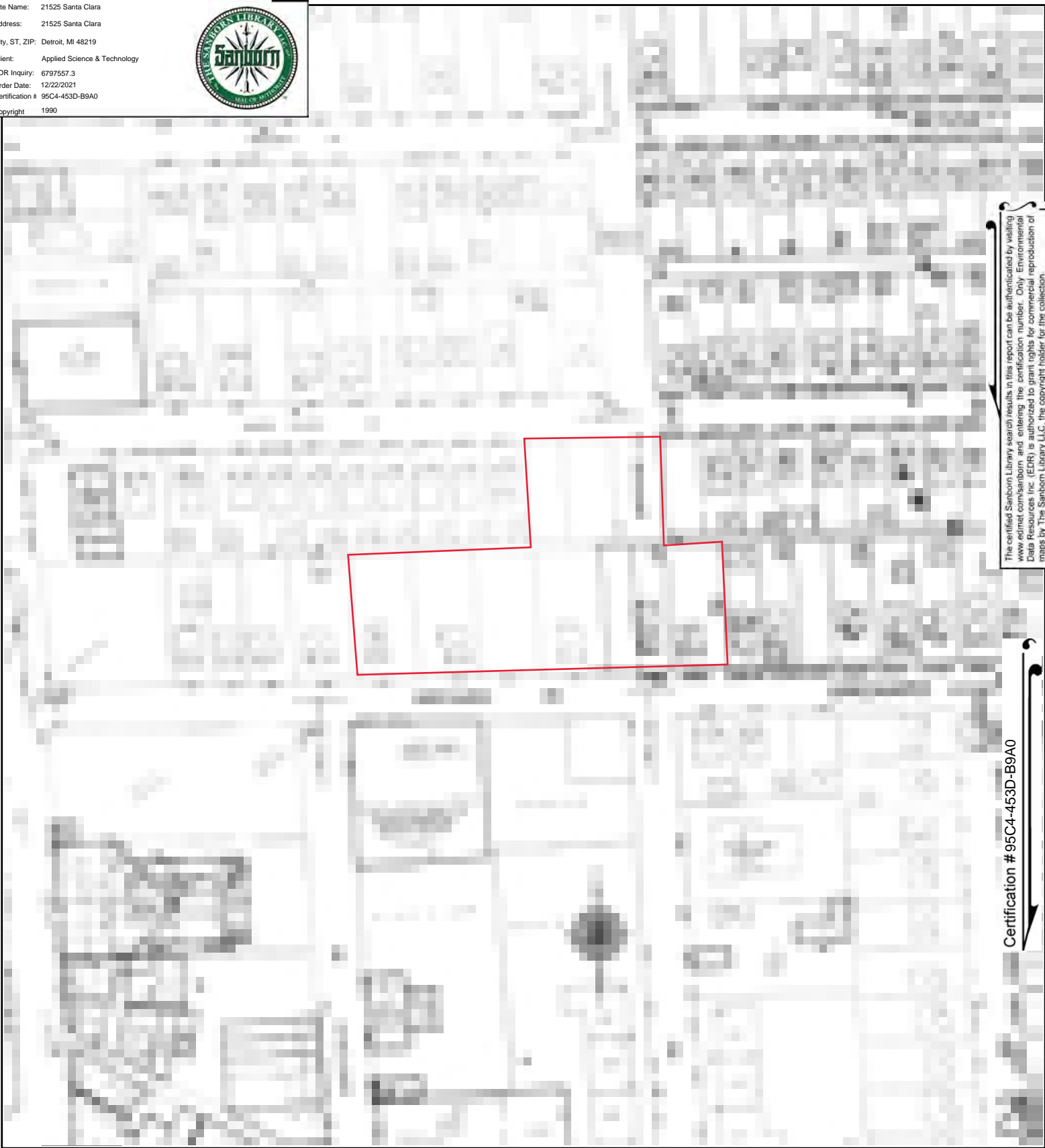
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 Volume 28, Sheet 2812



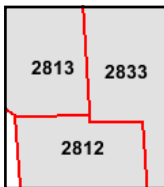
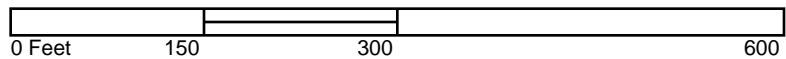
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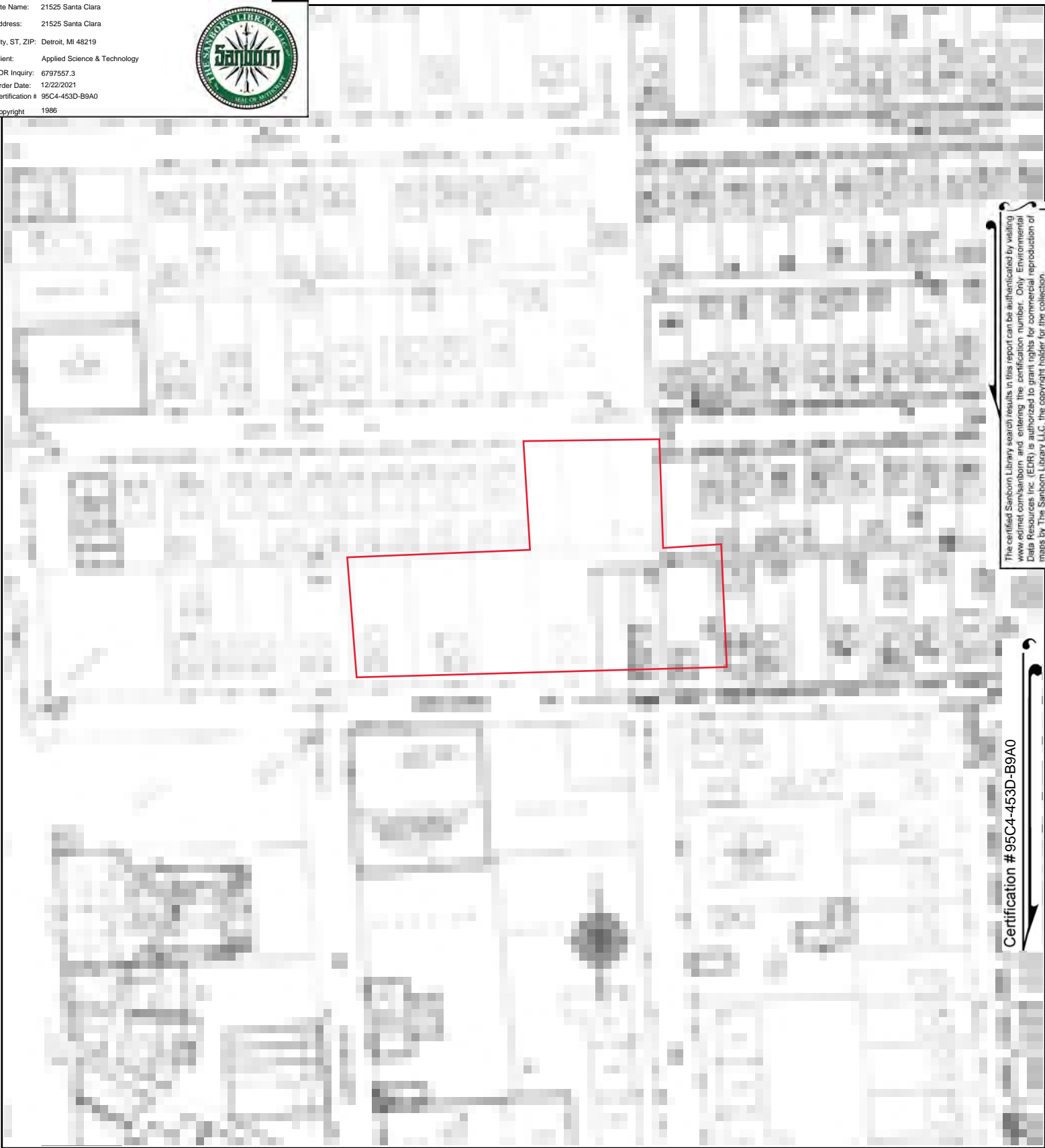
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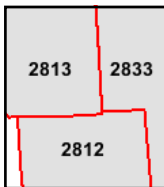
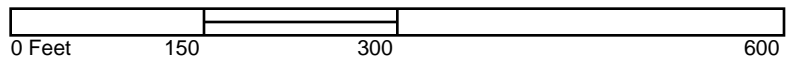
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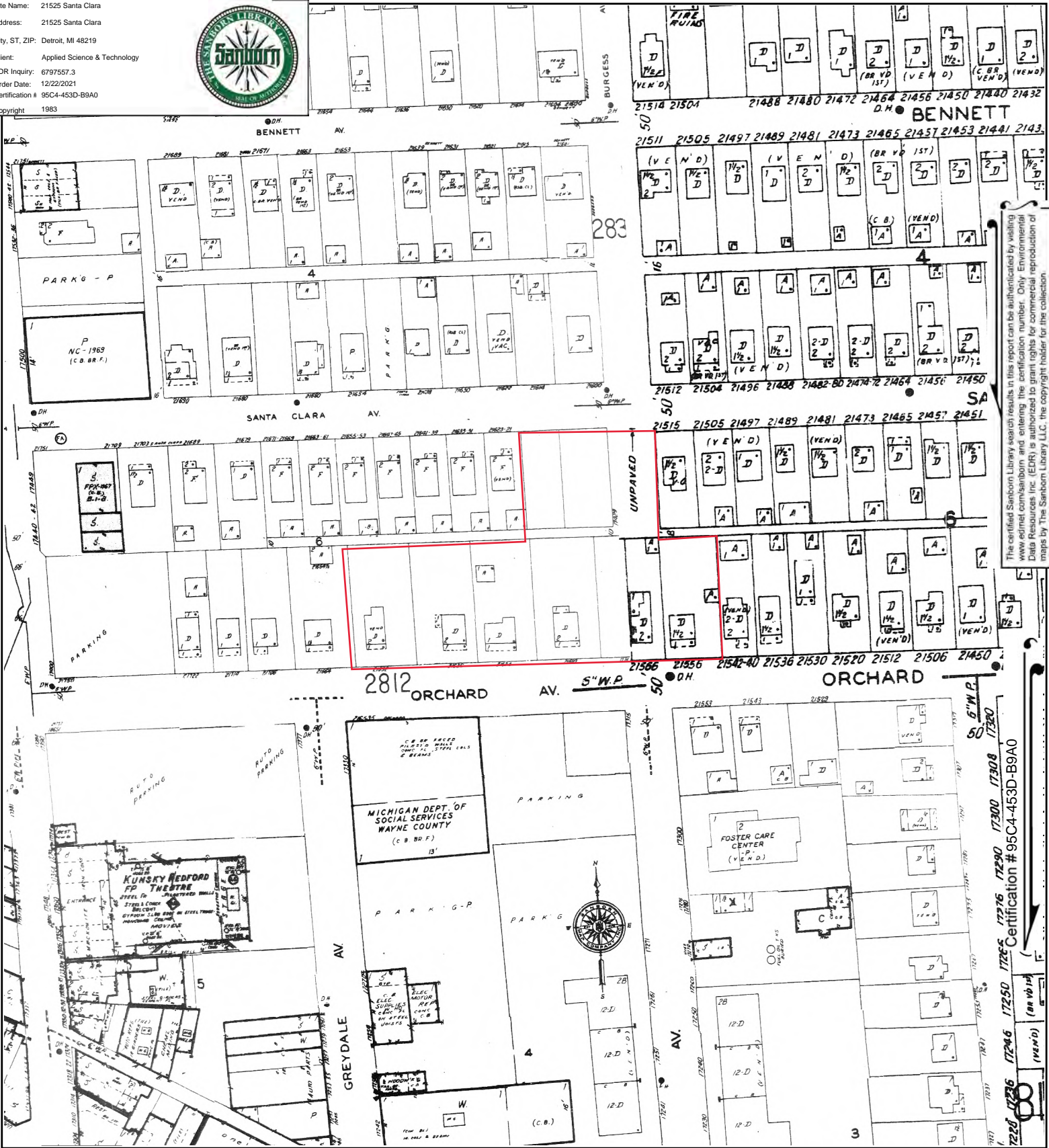
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Volume 28, Sheet 2813
 Volume 28, Sheet 2812
 Volume 28, Sheet 2833

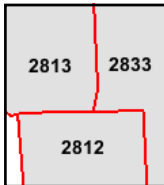
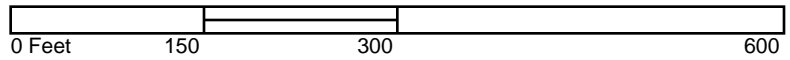


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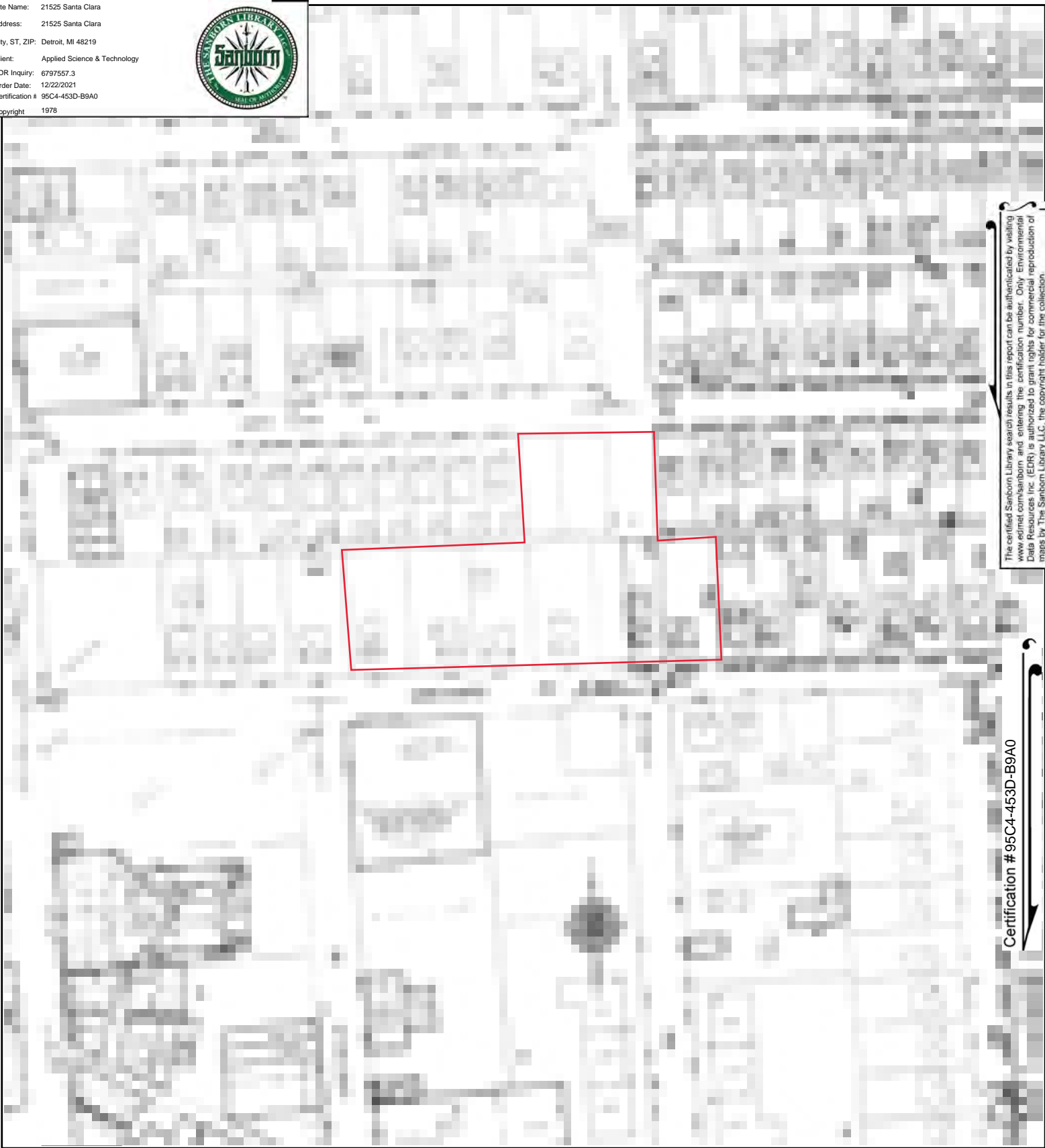
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 Volume 28, Sheet 2812



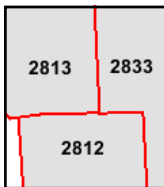
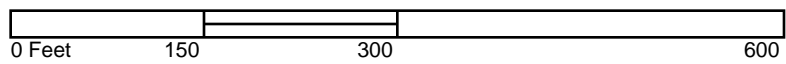
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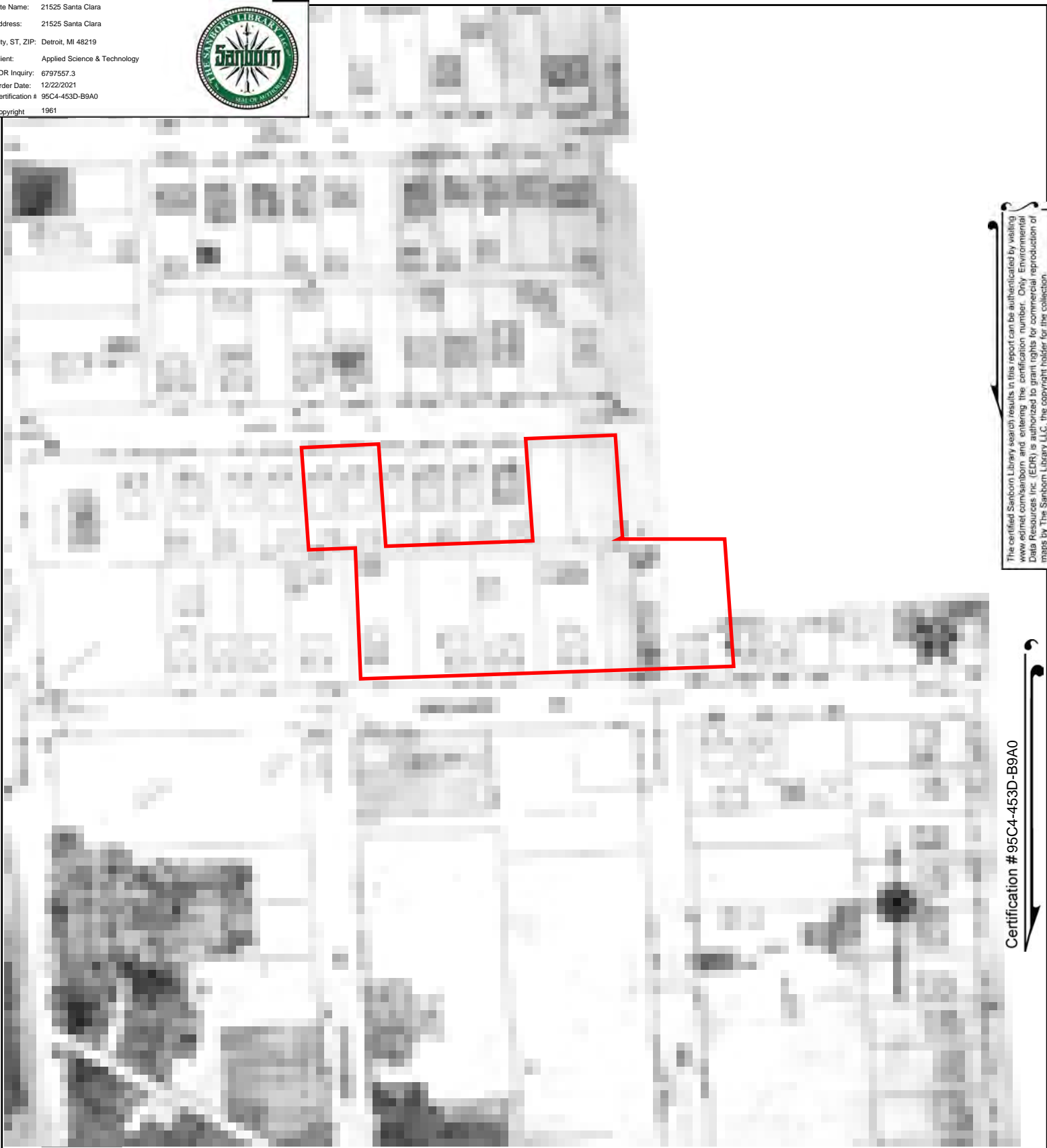
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Volume 28, Sheet 2812



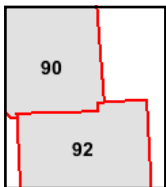
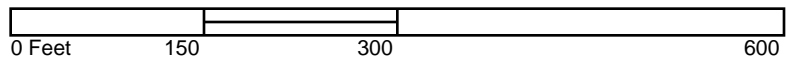
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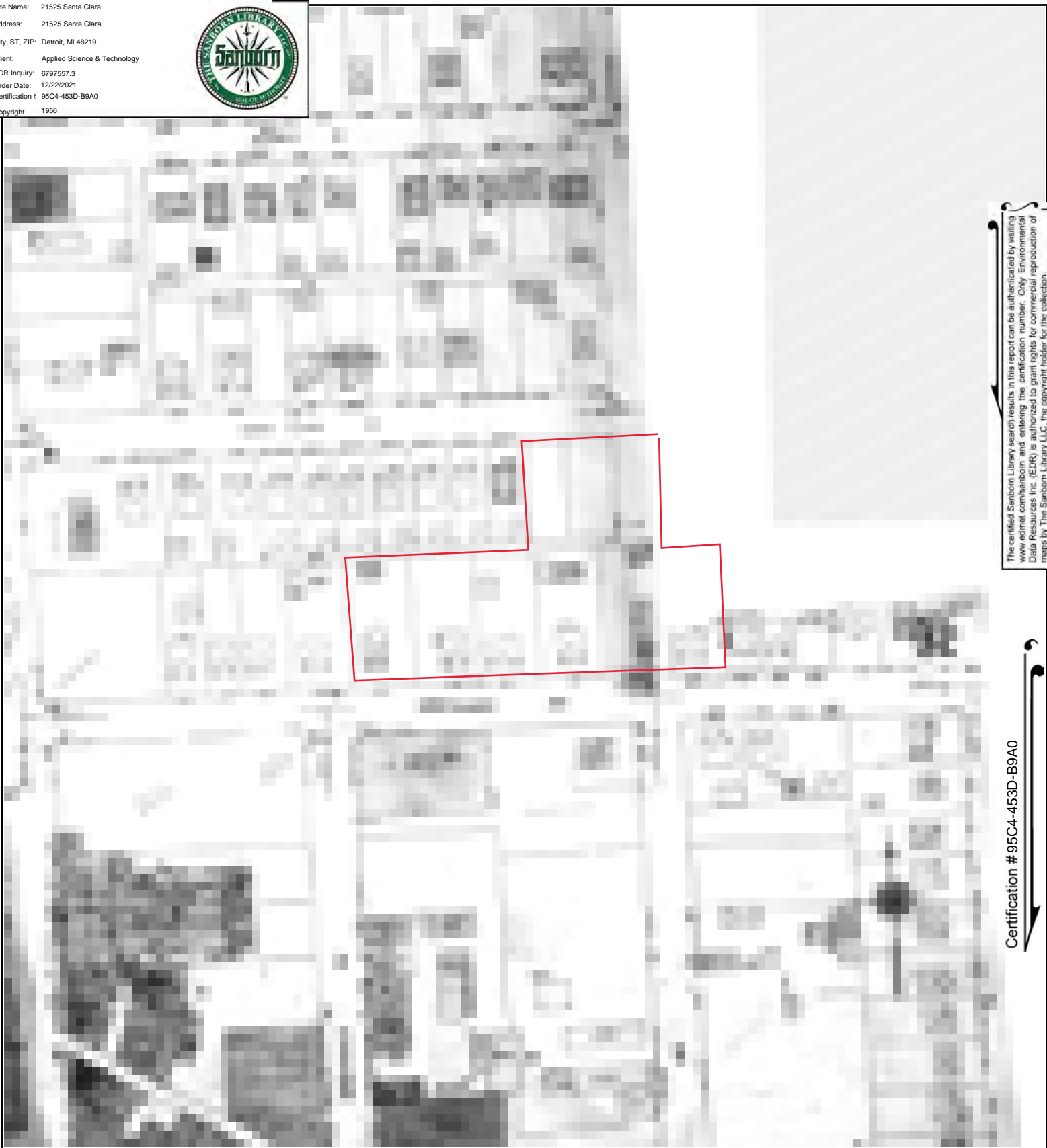
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Volume 17A, Sheet 92
 Volume 17A, Sheet 90



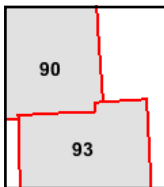
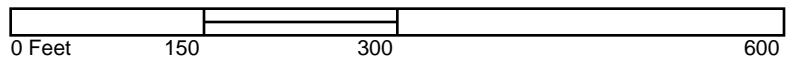
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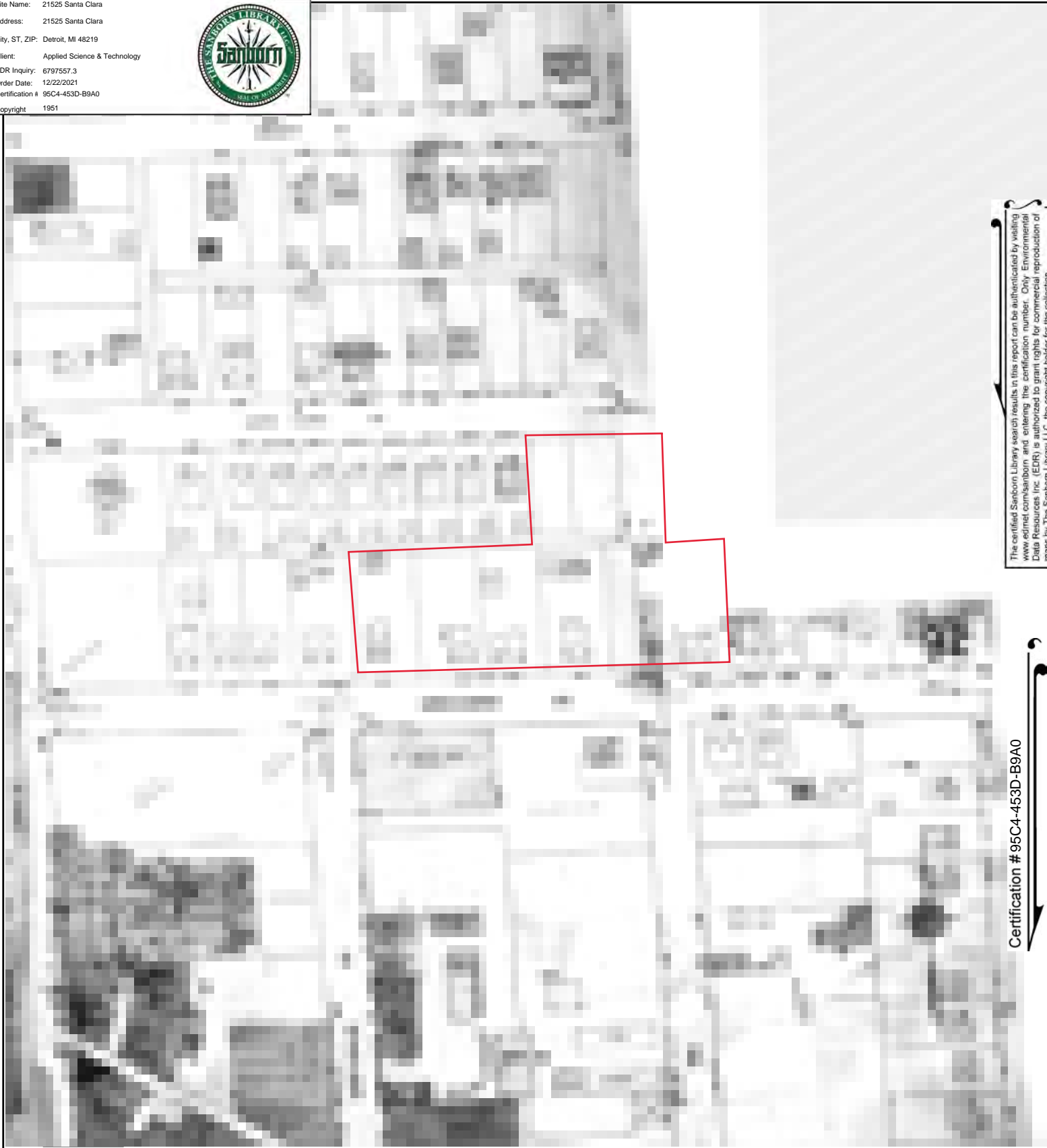
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Volume 17A, Sheet 93
 Volume 17A, Sheet 90



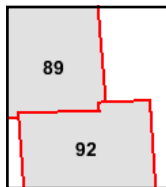
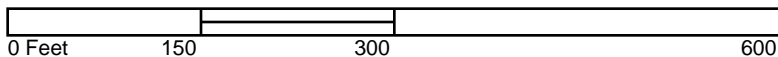
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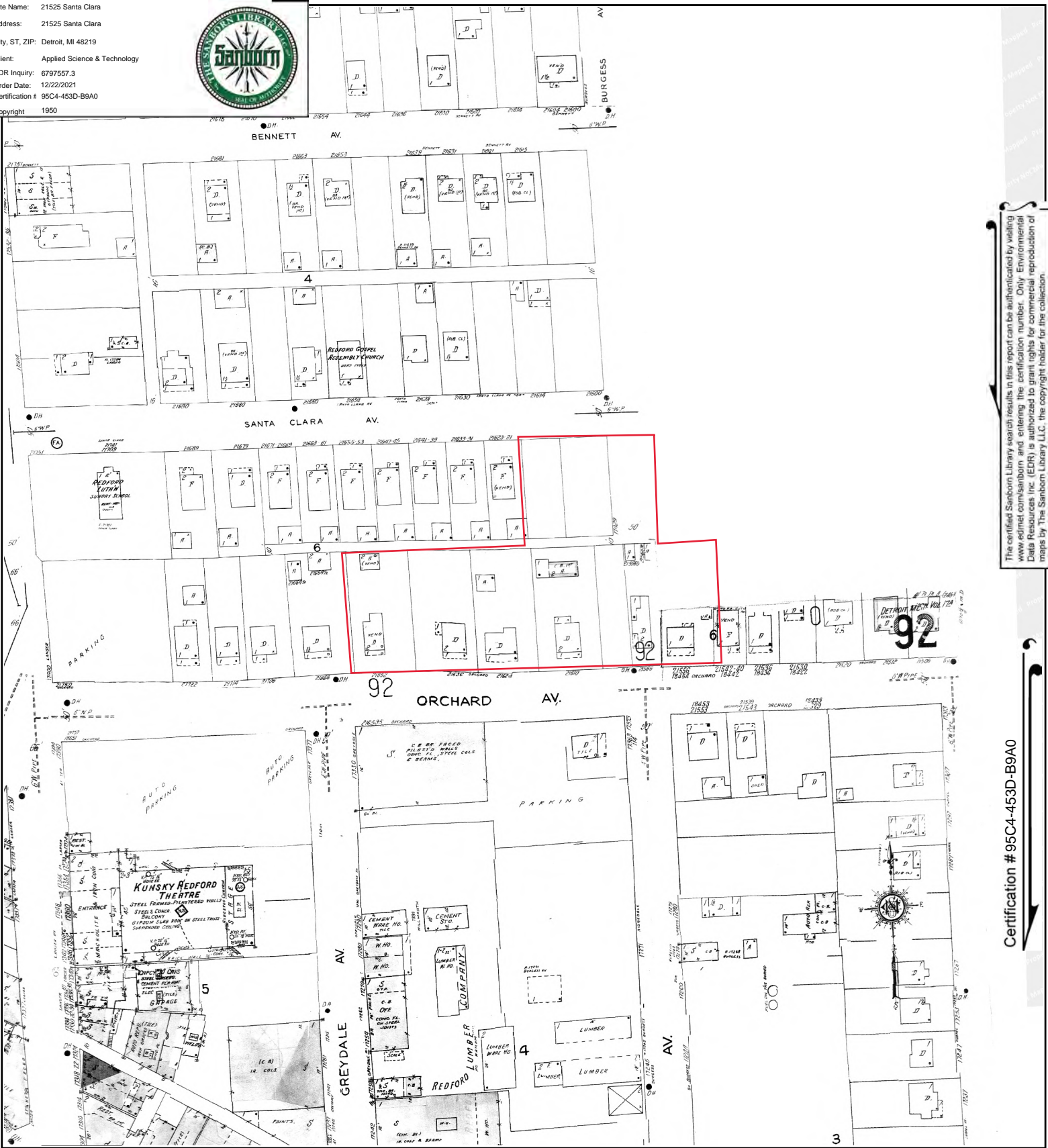
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Volume 17A, Sheet 92
Volume 17A, Sheet 89



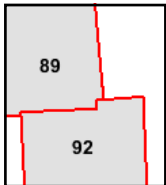
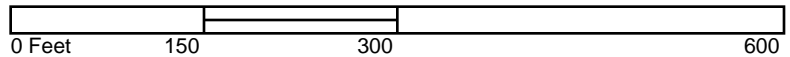
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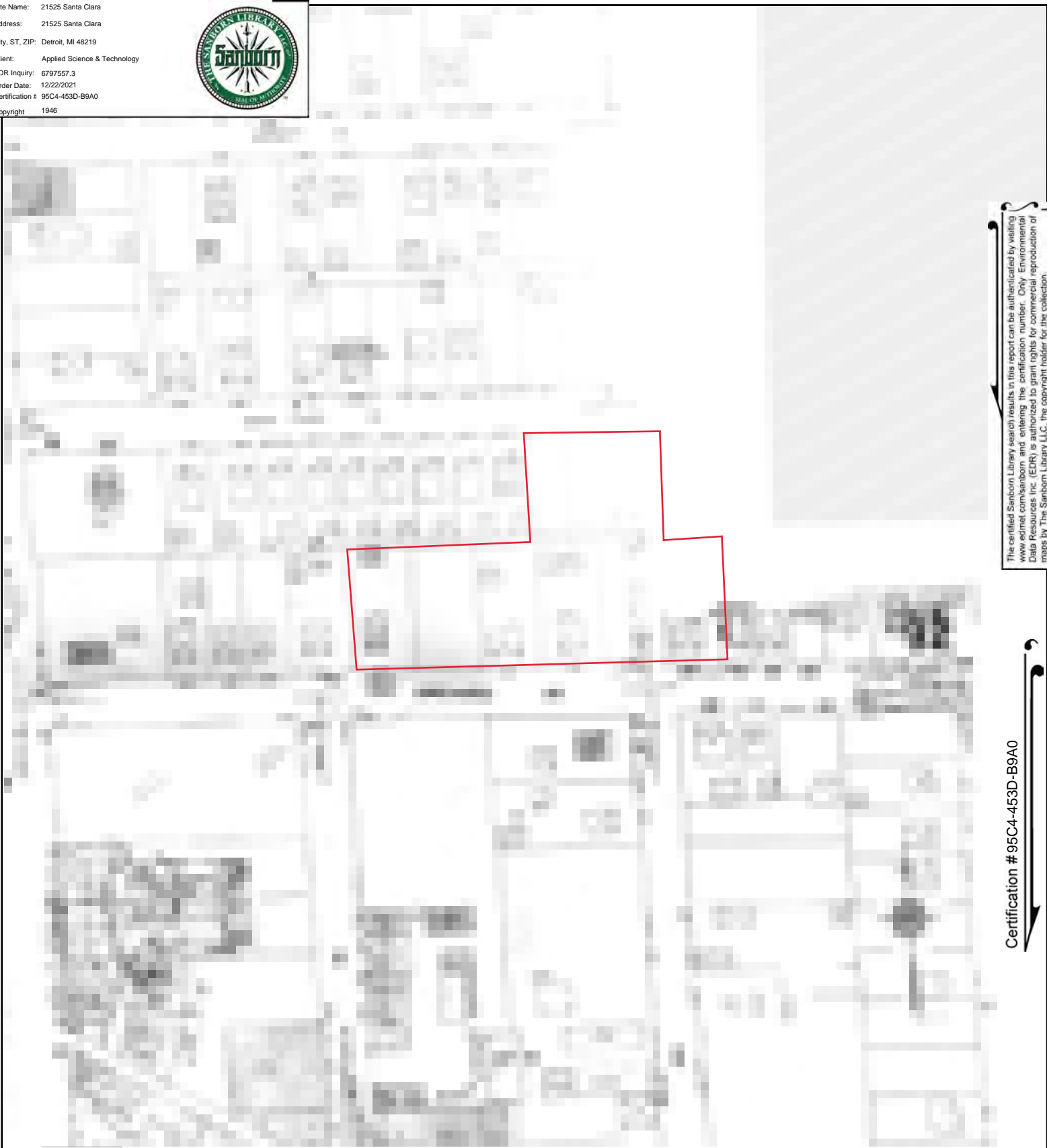
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 Volume 17A, Sheet 89



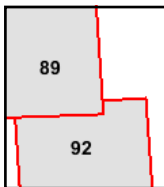
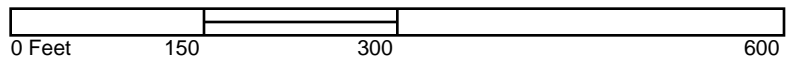
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 City, ST, ZIP: Detroit, MI 48219
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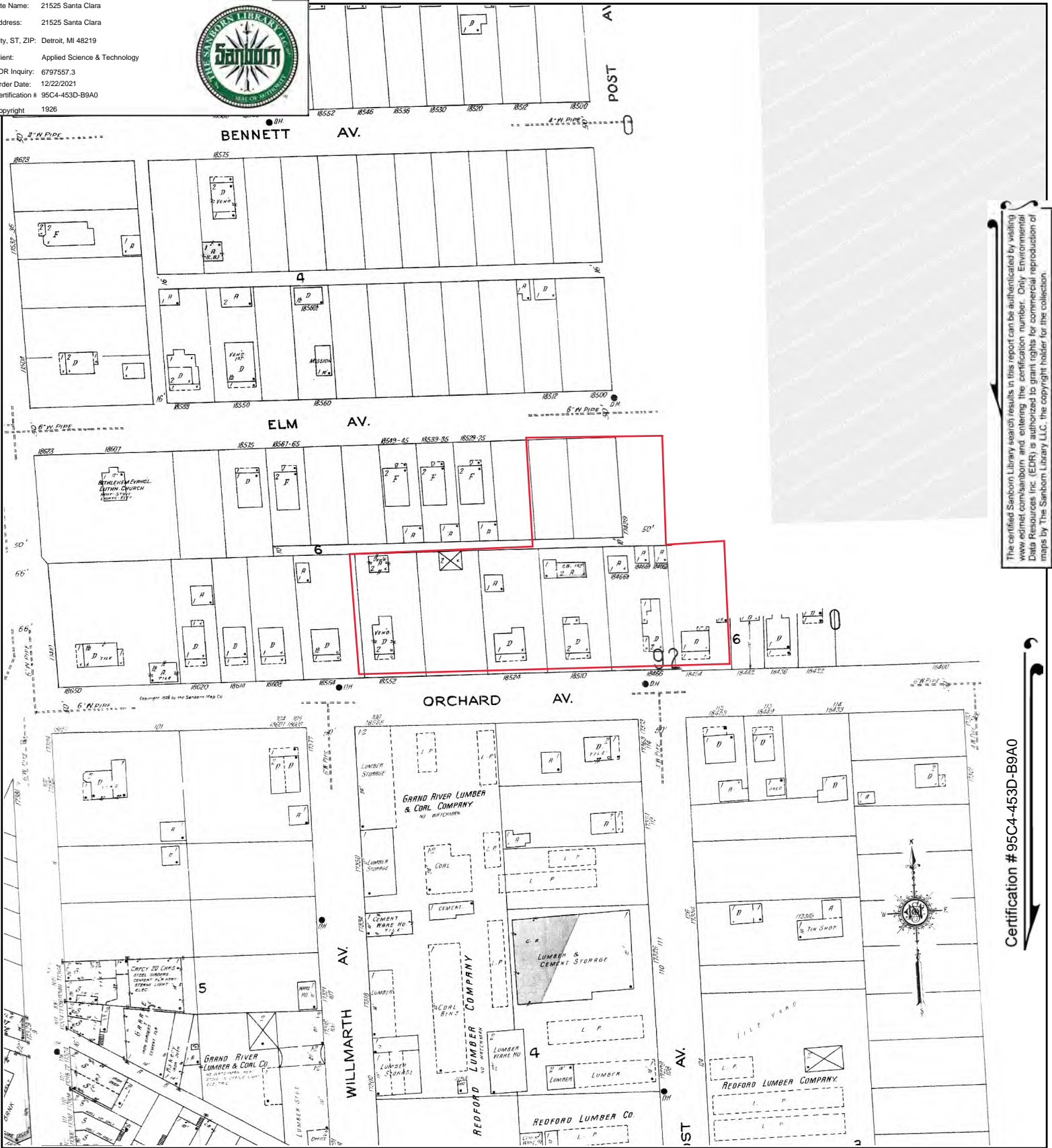
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Volume 17A, Sheet 89
 Volume 17A, Sheet 92



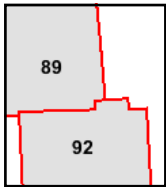
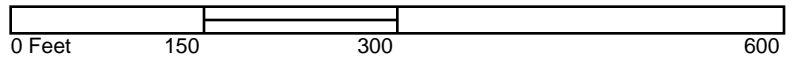
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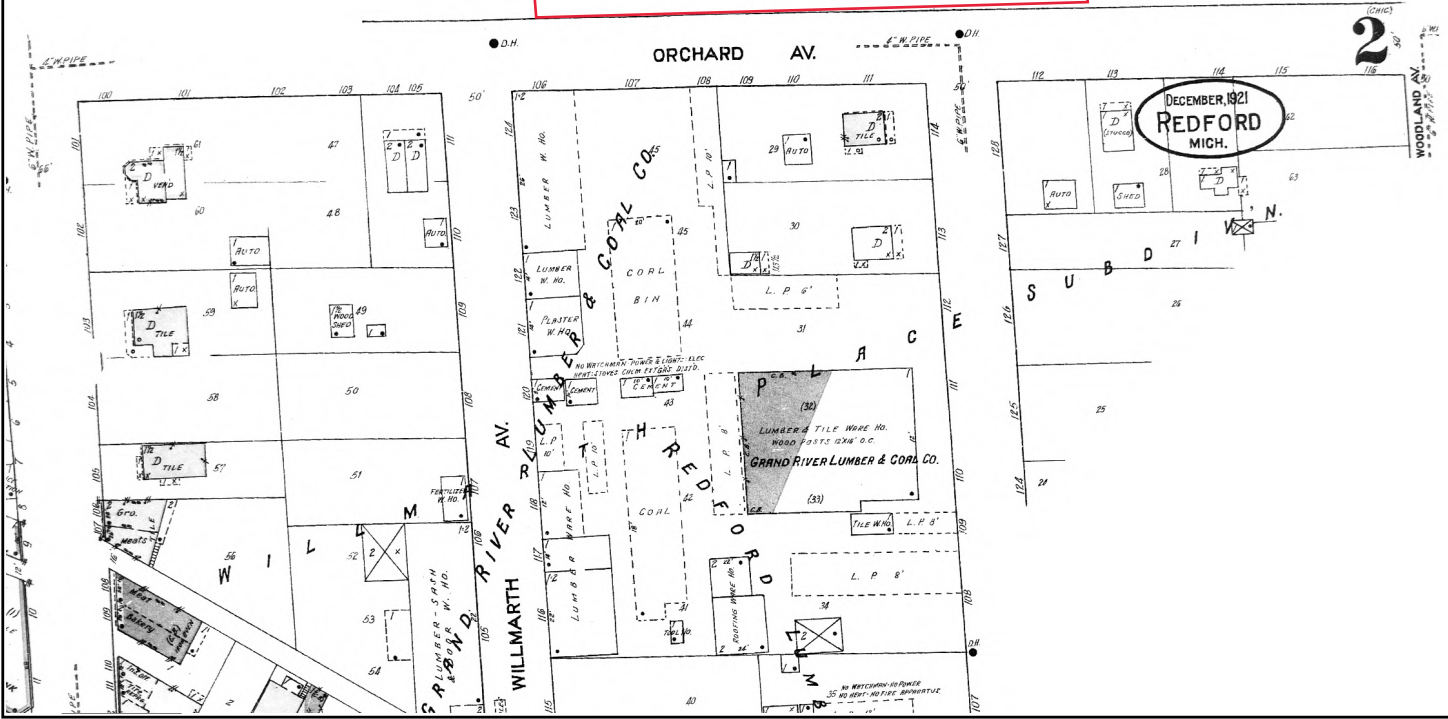
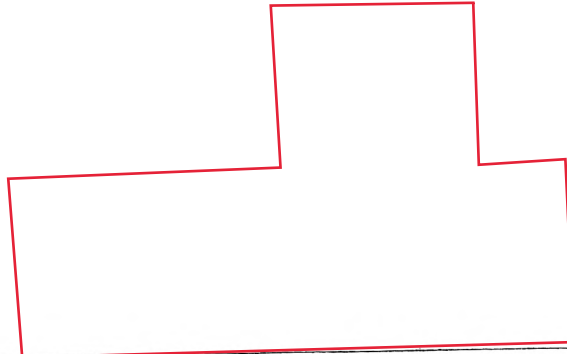
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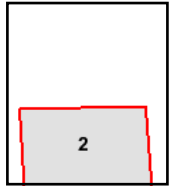
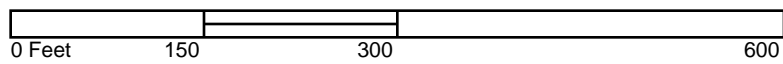
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Address: 21525 Santa Clara
City, ST, ZIP: Detroit, MI 48219
Client: Applied Science & Technology
EDR Inquiry: 6797557.3
Order Date: 12/22/2021
Certification #: 95C4-453D-B9A0
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Volume 1, Sheet 2



21525 Santa Clara

21525 Santa Clara
Detroit, MI 48219

Inquiry Number: 6797557.5

December 23, 2021

The EDR-City Directory Image Report

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EXECUTIVE SUMMARY

DESCRIPTION

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

RECORD SOURCES

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

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RESEARCH SUMMARY

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

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2017	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2014	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2010	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2005	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
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1982	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Bresser's Cross-Index Directory Company
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1972	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Bresser's Cross-Index Directory Company
1967	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Bresser's Cross-Index Directory Company
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1957	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Bresser's Cross-Index Directory Company
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1935	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Polk's City Directory
1931	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Polk's City Directory

EXECUTIVE SUMMARY

Year Target Street Cross Street Source

FINDINGS

TARGET PROPERTY STREET

21525 Santa Clara
Detroit, MI 48219

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

2017	pg A2	EDR Digital Archive
2014	pg A5	EDR Digital Archive
2010	pg A8	EDR Digital Archive
2005	pg A11	EDR Digital Archive
2000	pg A14	EDR Digital Archive
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1992	pg A20	EDR Digital Archive
1987	pg A22	Bresser's Cross-Index Directory Company
1982	pg A24	Bresser's Cross-Index Directory Company
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1967	pg A31	Bresser's Cross-Index Directory Company
1962	pg A34	Bresser's Cross-Index Directory Company
1962	pg A35	Bresser's Cross-Index Directory Company
1957	pg A37	Bresser's Cross-Index Directory Company
1953	pg A39	Polk's City Directory
1953	pg A40	Polk's City Directory
1940	pg A42	Polk's City Directory
1935	pg A44	Polk's City Directory
1931	pg A46	Polk's City Directory

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CROSS STREETS

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ORCHARD ST

2017	pg. A1	EDR Digital Archive
2014	pg. A4	EDR Digital Archive
2010	pg. A7	EDR Digital Archive
2005	pg. A10	EDR Digital Archive
2000	pg. A13	EDR Digital Archive
1995	pg. A16	EDR Digital Archive
1992	pg. A19	EDR Digital Archive
1987	pg. A21	Bresser's Cross-Index Directory Company
1982	pg. A23	Bresser's Cross-Index Directory Company
1977	pg. A25	Bresser's Cross-Index Directory Company
1972	pg. A27	Bresser's Cross-Index Directory Company
1967	pg. A29	Bresser's Cross-Index Directory Company
1967	pg. A30	Bresser's Cross-Index Directory Company
1962	pg. A32	Bresser's Cross-Index Directory Company
1962	pg. A33	Bresser's Cross-Index Directory Company
1957	pg. A36	Bresser's Cross-Index Directory Company
1953	pg. A38	Polk's City Directory
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21135 HARRIS, SYLVESTER F
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21424 CARROLL, FRANCIS
21440 GIVENS, THELBERT L
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21506 CUTHBERTSON, CHERYL A
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19300 MIDDLETON, ROBERT C
19322 MCCLURE, DEVIN E
19325 WILLIAMS, CHRISTOPHER M
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19330 JENKINS, HERMAN
20505 PATTERSON, BEVERLY
20513 OCCUPANT UNKNOWNN
20529 OCCUPANT UNKNOWNN
20537 COPELAND, CHARLES B
20547 OCCUPANT UNKNOWNN
20630 PETTIWAY, NATASHA
20638 OCCUPANT UNKNOWNN
20646 RAINEY, DUANE
20654 OCCUPANT UNKNOWNN
20716 PASSENO, JOHN R
20746 OCCUPANT UNKNOWNN
20756 PETTY, MARILYN M
20820 MALORY, RAYMOND
20833 THOMAS, ARMANDO R
20841 OCCUPANT UNKNOWNN
20863 WHITE, ALCEDA L
21126 YOUNG, IRVIN E
21127 OCCUPANT UNKNOWNN
21134 OCCUPANT UNKNOWNN
21135 OCCUPANT UNKNOWNN
21145 BRANDON, ALEX L
21150 WEBB, MICHAEL
21157 NEUMAN, C P
21160 MULHERIN, MARY C
21171 CARNEY, KAREN V
21320 OCCUPANT UNKNOWNN
21330 OCCUPANT UNKNOWNN
21331 COPE CO
COPE, OLIVER A
21339 CARTER, JULIA
21340 CHISHOLM, WILLIAM
21350 OCCUPANT UNKNOWNN
21354 OCCUPANT UNKNOWNN
21355 WILLIS, FELICIA L
21360 BROWN, DAVID
21401 SHANNON, WALTER L
21402 HATFIELD, JAMES S
21410 OCCUPANT UNKNOWNN
21414 HARRELL, MARTHA
21415 OCCUPANT UNKNOWNN
21424 OCCUPANT UNKNOWNN
21425 OCCUPANT UNKNOWNN
21433 OLIVER, JOHNNY
21434 MATTHEWS, FELIX
21440 OCCUPANT UNKNOWNN
21443 OCCUPANT UNKNOWNN
21450 OCCUPANT UNKNOWNN

SANTA CLARA 1995 (Cont'd)

21451 BABB, DEBORAH
21456 KRAJEWSKI, D L
21457 OCCUPANT UNKNOWNN
21464 OCCUPANT UNKNOWNN
21472 IVORY, JOHN
21473 CLARK, JAMES
21474 OCCUPANT UNKNOWNN
21480 OCCUPANT UNKNOWNN
21482 OCCUPANT UNKNOWNN
21488 OCCUPANT UNKNOWNN
21489 OCCUPANT UNKNOWNN
21496 OCCUPANT UNKNOWNN
21497 OCCUPANT UNKNOWNN
21504 OCCUPANT UNKNOWNN
21512 OCCUPANT UNKNOWNN
21600 TAYLOR, DOUGLAS
21621 CLAYTON, E
21622 CHILDS, SHARON
21623 MURRAY, JAMONE
21631 JONES, ROBERT
21633 OCCUPANT UNKNOWNN
21638 HAMMOND, LANA
21641 OCCUPANT UNKNOWNN
21647 OCCUPANT UNKNOWNN
21653 WEST, TRACEY S
21654 CHRISTIAN FELLOWSHIP CHURCH
21661 OCCUPANT UNKNOWNN
21663 WARD, S P
21671 OCCUPANT UNKNOWNN
21679 WOOD, DENNIS
21680 DOWNER, JEAN
21689 BOLDIN, DIANA
21703 CABBLE, CHARLES L

ORCHARD ST 1992

21134 HANSON, M
21143 ARNOLD, PAM
21151 CRAIG, SAMUEL
21158 DORSEY, TONI
21400 HALL, DERRICK
21434 THOMAS, RICKIE
21450 LAMAR, DORBA
21543 WILLIAMS, LOUISE
21664 BURGER, EARL W

SANTA CLARA 1992

19310 MCGUIRE, JOSEPH L
19340 HEYMOSS, HENRY
20505 PATTERSON, BEVERLY
20638 WARREN, NEKITA
20716 PASSENO, JOHN R
20756 PETTY, MARILYN M
21135 PETTRESS, C
21150 WEBB, MICHAEL
21339 MOORE, LARRY
21350 SILAS, JOSEPH A
21354 BUCHANAN, SANDRA
21401 SHANNON, WALTER L
21414 BYRNE, KEVIN S
21451 CAMP, DAVIZ
21456 KRAJEWSKI, STANLEY
21631 JONES, ROBERT
21654 CHRSTN FLWSHP CH
21661 CAUZILLO, GARY
21703 CABLE, CHARLES L
2140234 HATFIELD, JAMES S

ORCHARD ST 1987

Target Street	Cross Street	Source
209 RESIDENCE		3 BUSINESS
ORCHARD		48219
•• 21100-21799	T 5412	\$C••B 2
21126	21127 21134	NP
21135	21142 21143	NP
21150		NP
21151	CORNEL BUCKLEY	2 5350623
21158		NP
21159	DUANE BOWDEN JR	□2557382
21400	DERRICK HALL	4 5350489
21424	21434 21440	NP
21450	21506	NP
21512	ROBERT W ZACHOW	5322991
21520	L WILLIAMS	5 5354229
21529	MARY ELLEN WOODS	□5386837
21530	21536 21540	NP
21542	DOLORES RILEY	□5327811
21543	21553 21556	NP
21566	21610 21624	NP
21636	BENNIE JACOBS	□5384683
21652	FREDERICK JOHNSON	-5383659
21664	EARL W BURGER	•5353967
21706	VERNE W OBRIEN	•5320258
21714	P L NEIL	7 5318173
21722		NP
35 RESIDENCE		
ORCHESTRA BL		

SANTA CLARA 1987

20821		NP	
20830	K SLUMPPF	5	5313015
20833	20838 20841	NP	
20846	20847 20860	NP	
20863	BERNARD DINGESS	-	5327052
21128	21127	NP	
21134	GERARD WILLS	•	5379557
21135		NP	
21142	YVONNE CROMER	□	5382843
21145		NP	
21150	CHARLES MILAN	•	5345034
21151	21157 21160	NP	
21171		NP	
21320	TWYLA SUMMERVILLE	5	5382678
21330	21331	NP	
21339	LAWRENCE MOORE	4•	5317276
21340		NP	
21349	N WITHERSPOON	□	2550314
21350		NP	
21354	R MOBLEY	2•	5320680
21355	21380 21401	NP	
21402	JAMES S HATFIELD	0•	5314433
21410	21414 21415	NP	
21424	ROBERT H ERICKSON	0	5320964
21425	ALVIN B LIPPE	•	5385175
21433	BEATRICE COMES	□	2551793
21434	21440 21441	NP	
21443	D PIRTLE	□	2554105
21450	R NOWELL	□	5313512
21451		NP	
21456	STANLEY KRAJEWSKI	9	5315065
21457	A J SHUBITOWSKI		5340947
21464	21465 21472	NP	
21473	ALBENNIE WORD	5	5342639
21474		NP	
21480	AIMEE J VANCE	□	5920908
21481		NP	
21482	DIMITRIOS ANTONIU	-	5371949
21488	MARK STESLICKI	9	5343923
21489	H E FRIEL	•	5322060
21496	21497 21503	NP	
21504	TOM MASON	4•	5335926
21505		NP	
21512	BRIAN FERTUCK	□	5313979
21600	LEONARD FRIDAY	□	5336712
21614	21621 21622	NP	
21623	MRS ANNE DEBEUST		5313366
21630	21631 21633	NP	
21638	21639 21641	NP	
21645	21647 21653	NP	
21854*	NRTHWST FELWSHP	CH	5336186
21660	ROBERT GRIFFIN	□	2557619
21661	GARY CAUZIILLO	0	5311980
21663	21669 21671	NP	
21679	MICHAEL DUFFY	3	5351687
	P VERKERKE	5	5342754
21680		NP	
21689	S CALLAHAN	4	5313502
21690	GEORGE HAVRILLA		5367194
21703	C L CABLE	•	5345876
	160 RESIDENCE	3	BUSINESS

● SANTA MARIA

48221

ORCHARD ST 1982

211 RESIUEENCE

4 BUSINESS


ORCHARD

48219

... 21100-21999 T 45302 \$C...8 3

21126 E GUMBEL 8 5336820

21127 FRANK KINCER 8 5311131

21134 JOHN OBRIEN 0 5375994

21135 NP

21142 CAROL ANN LEFTWICH

9.5338210

21143 21150 21158 NP

21159 NP

21400 HARVEY C TEAGAN 3.5335876

21424 A K FROST 5325172

21434 WILLIAM RUSAW .5311016

21440 21450 21506 NP

21512 ROBERT W ZACHOW 5322991

21520 GERALD A FALARDEAU

6 5346620

21529 JEROME B WOODS .5386837

21530 DONALD LOEMER -5377844

21536 PATRICIA OULIBA 0 5354689

21540 NP

21542 MICHAEL F HALL 8 5326874

21543 NP

21553 FRANCIS J HANGLIN .5311523

21556 21566 NP

21610 DAVID WILSON 5348809

21624 NP

21636 MARY JOE MORONEY 9 5380916

21652 RICHARD W HILLIS .5325293

21664 EARL W BURGER .5353967

21706 VERNE W OBRIEN .5320258

21714 P L NEIL 7 5318173

21722 H P GILCHRIST 5.5325924

34 RESIUEENCE


ORCHESTRA PI

48201

SANTA CLARA 1982

SANTA CLARA			
20529	E WEAVER	5	48219 5312989
20537	CHARLES B COPELAND	7	5378677
20547	20630 20646	NP	
20654	MORLEY L HILL		.5329559
20700	20708	NP	
20716	JOHN R PASSENO	6	.5326109
20746	ROYDEN C ELLIOTT	6	.5341399
20756	JOHN R POWERS	5	.5345915
20800		NP	
20810	ALBERT E LENNOX		.5325369
20820	20821	NP	
20830	A M ROGERS		5320386
20833	20838 20841	NP	
20846		NP	
20847	ROBERT E BURNS		.5327081
20860	H A EOEN		5348291
20863	MITCHELL GANNAGE		.5328348
21126	21127	NP	
21134	GERARO WILLS		.5379557
21135		NP	
21142	MICHAEL A MURPHY		5316588
21145	ALFRED N SAMUELS	0	2551784
21150	CHARLES MILAN		.5345034
21151	WILFRED C TEUBERT		.5335026
21157	PETER FARRUGIA	3	.5377414
21160		NP	
21171	JAMES DUNN	0	.5388104
21320	JOHN CLAIR KELLY		.5377053
21330	ALEX BALASIA		5325268
21331	OLIVER A COPE		.5370350
21339	JOSEPH WIEBELHAUS	0	5388338
21340	21349	NP	
21350	JOSEPH A SAMMON		5355792
21354	ALBERT W SCHULTZ		.5316638
21355	21360	NP	
21401	W ROY OPEL		.5312812
21402	JAMES S HATFIELD	0	.5314433
21414		NP	
21415	DAN MCLELLAN	8	5346395
21424	ROBERT H ERICKSON	0	5320964
21425	ALVIN B LIPPE		.5385175
21433	DARLENE NUMMER	0	5376386
21434	21440	NP	
21441	BARBARA JORDAN	9	5320631
21450	21451	NP	
21456	STANLEY KRAJEWSKI	9	5315065
21457	A J SHUBITOWSKI		.5340947
21464		NP	
21465	GRACE COATS		.5318295
21472		NP	
21473	A KING	7	5382591
21474	ANTHONY ORR		.5347904
21480	VIOLA DWIGHT		5331618
21481		NP	
21482	HANLEY HARRINGTON	8	5333418
21488	MARK STESLICKI	9	5343923
21489	H E FRIEL		.5322060
21496		NP	
21497	CLIFFORD TRUDEAU	8	5318121
21503		NP	
21504	DANNIE O ALLEY	8	5375465
21505	8 KALLIS	0	5333137
	DAVID NESTRA		.5383222
21512	21614 21621	NP	
21622		NP	
21623	MRS ANNE DEEUST		5313366
21630	21631 21633	NP	
21638		NP	
21639	LOUDER ARAKELIAN	6	5331291
21641	21645 21647	NP	
21653		NP	
21654	*NRTHWST FELWSHP CH		5336186
21655	*ARAK CARPET CO		5354580
21660	LAWRENCE M MILLER	9	5389454
21661	GARY CAUZILLO	0	5311980
	RANDALL TAYLOR	0	5311980
21663	JAMES ONEILL		-5358056
21669	JAMES BROWN	3	5356279
21671	RONALO BUROD	3	5376238
21679	MARK DUFFY		.5389893
21680	A K KURZ		5318015
21689	O A HINDOELANG	7	5313015
21690	GEORGE HAVRILLA		5357194
21703	C L CA88LE		.5345876
	158 RESIDENCE	2	8BUSINESS
SANTA MARIA			48221

ORCHARD ST 1977

222 RESIDENCE

4 BUSINESS

● ORCHARD

48219

... 21100-21999 T 45302 SC..8 3
 21126 WILLIAM GUMBEL .5336820
 21127 JAMES G HAMMAR 5 5332783
 21134 WILLIAM WHARTON 4.5347682
 21135 JACK W BULLER 0 5344640
 MRS LLOYD J BULLER.5344640
 21142 NP
 21143 NP
 21150 NP
 21151 NP
 21158 NP
 21159 NP
 21400 HARVEY C TEAGAN 3.5335876
 21424 H A CRANDALL KE25172
 A K FROST KE25172
 21434 WILLIAM RUSAW .KE11016
 21440 NP
 21450 NP
 21506 M A CHRISTLIEB 6.5379646
 21512 ROBERT W ZACHOW 5322991
 21520 GERALD A FALARDEAU
 6 5346407
 21529 JEROME B WCOOS .5386837
 21530 NP
 21536 P J HILLIGDS5 #5321467
 21540 NP
 21542 NP
 21543 NP
 21553 FRANCIS J HANGLIN .5311523
 21556 NP
 21566 NP
 21610 NP
 21624 REGINALD GABRIEL 4.5346628
 21636 CALVIN DUNN 5353224
 21652 RICHARD W HILLIS .5325293
 21664 EARL W BURGER .KE53967
 21706 VERNE W O'BRIEN .5320258
 21714 P L NEIL -5318173
 21722 H P GILCHRIST 5.5325924
 37 RESIDENCE

● ORCHESTRA PL

48201

SANTA CLARA 1977

20847	ROBERT E BURNS	.KE27081
20860	H A EOEN	0 5348291
20863	MITCHELL GANNAGE	.5328348
21126		NP
21127		NP
21134	GERARO WILLS	.5379557
21135	A RODRIGUEZ	8.5381015
21142	MICHAEL A MURPHY	5316588
21145		NP
21150	CHARLES MILAN	.5345034
21151	WILFRED C TEUBERT	.5335026
21157	PETER FARRUGIA	3.5377414
21160		NP
21171		NP
21320	L M VANTASSEL	4.5359054
21330	ALEX BALASIA	5325268
21331	OLIVER A COPE	.KE70350
21339	JOHN C GI85DN	.5356230
21340	MRS W HDUCHLEI	5343504
21349		NP
21350	JOSEPH A SAMMDN	5355792
21354	ALBERT W SCHULTZ	.KE16638
21355	PAUL CHLE8D	.5344776
21360	BARBARA MONTGDMERY	-2552321
21401	W ROY OPEL	.5312812
21402	JULIUS BAILE	.KE22508
21410		NP
21414		NP
21415	WILLIAM A MCLELLAN	.KE15252
21424	ROBERT H ERICK5DN0	.5320964
21425	ALVIN B LIPPE	.5385175
21433*	M T JACO85 PIANO	KE22092
21434		NP
21440	GLEN IRELAND	.KE74825
21441	C BROWN	1 5325186
	P GILLESPIE	6 5387815
21443		NP
21450	GEORGE T BARUM	9.5385237
21451	ROSE S CAMP	6.5312793
21456	JACK D HILLE	5346691
	L A WITHER5POON	-5314840
21457	A J SHUBITDWSKI	1.5340947
21464	W A FREDERICK JR	1.5381798
21465	GRACE COATS	.KE18295
21472	NICK VLAHADAMIS	4 5342682
21473	A KING	-5382591
21474		NP
21480	VIOLA DWIGHT	5331618
21481	HAROLD T HANER	.KE25477
21482		NP
21488	ROBERT SACKER	.KE10430
21489	H E FRIEL	.5322060
21496	B H COLEMAN	3 5333478
21497		NP
21504		NP
21505	K EFTHIMIDU	53380222
21512	WALTER H KING	.KE33183
21515		NP
21600		NP
21614		NP
21622		NP
21623	HORACE F FRIEND	.KE46170
21630		NP
21631		NP
21633		NP
21638		NP
21639	LDUDER ARAKELIAN	6 5331291
21641		NP
21645		NP
21647	KARABET GUEUKCHEK1	5321054
21653	CHRIS ANTONOPDULDS	5 5382288
21655*	ARAK CARPET CO	5354580
21660	VINCENT COLBERT	5370717
	A R MITCHEL5DN	5348625
21661		NP
21663		NP
21669	RONALD BUROD	3 5376238
	KENNY MORGAN	4 5376238
21671	JAMES BRDWN	3 5356279
21679	MARK J DUFFY	5318749
	GARY A MCMULLEN	6 5355439
21680	A K KURZ	5318015
21689	THDMAS J GARVEY	3 5315372
	D A HINDELANG	-5313015
21690	GEORGE HAVRILLA	5357194
21703	C L CABBLE	.5345876
	163 RESIDENCE	3 8051NESS

● SANTA MARIA

48221

ORCHARD ST 1972

ORCHARD

48219

... 21100-21999 T 45302 \$C..B 3
 21126 WILLIAM GUMBEL .5336820
 21127 NP
 21134 JOHN H ARMSTRONG 7 5385178
 21135 JACK W BULLER 0 5344640
 MRS LLOYD J BULLER .5344640
 21142 HOWARD E WAREHAM 02550632
 21143 WM R PATTERSON 05352144
 21150 JERRY HITCHINGHAM .5341957
 21151 GORDON MASON .KE49417
 21158 GILBERT SCHROPP .5314242
 21159 RONALD E BROMLEY 0 5311102
 21424 A K FRDST 6 KE25172
 H A CRANDALL 6 KE25172
 21434 WILLIAM RUSAW .KE11016
 21440 NP
 21450 ARTHUR R SLEEP .5345572
 21506 ARTHUR H BETWEE JR .KE23203
 21512 ROBERT W ZACHOW 6 5322991
 21520 RALPH E GACK 8 .5312789
 21529 JEROME B WOODS 3 .5386837
 21530 NP
 21536 NP
 21540 NP
 21542 DENNIS WORMS 0 5332403
 21543 NP
 21553 FRANCIS J HANGLIN .KE11523
 21556 K J FRANTJESKDS .KE16999
 21566 NP
 21610 J W HANSHAW 1 .2554946
 21624 JEAN BENNETT 8 .5343175
 21636 CALVIN DUNN 5353224
 21652 RICHARD W HILLIS .KE25293
 21664 EARL W BURGER .KE53967
 21706 VERNE W O'BRIEN .5320258
 21714 CLARENCE G WOLF .KE49324
 21722 HELEN P GILCHRIST 5325924

36 RESIDENCE

SANTA CLARA 1972

20833		NP	
20838		NP	
20841		NP	
20847	ROBERT E BURNS		.KE27081
20860	H A EOEN	0	5348291
20863	MITCHELL GANNAGE		.5322348
21126		NP	
21127	JACK WATSON		.KE16365
21134	GERARD WILLS	4	.5379557
21135	A RODRIGUEZ	8	.5381015
21142	MICHAEL A MURPHY	3	5316588
21145	W J FOLEY	8	5332298
21150	CHARLES MILAN		.5345034
21151	WILFRED C TEUBERT		.5335026
21157		NP	
21160	CLAR B MULHERIN		.5332913
21171		NP	
21320		NP	
21330	ALEX BALASIA		5325268
21331	OLIVER A COPE		.KE70350
21339	JOHN C GIBSON		.KE56230
21340	MRS W HOUCHEI		5343504
21349	V N JACKSON	5	5314078
21350	JOSEPH A SAMMON	3	5355792
21354	ALBERT W SCHULTZ		.KE16638
21355	PAUL CHLEBO		.KE44776
21360	HAROLD L RICE		.KE10085
21401	W ROY OPEL		.KE12812
21402	JULIUS BAILE		.KE22508
21410		NP	
21414		NP	
21415	WILLIAM A MCLELLAN		.KE15252
21424	ROBERT H ERICKSON		.5320964
21425	ALVIN B LIPPE	4	.5385175
21433	J B GOTSON		.KE43012
21434	*M T JACOBS PIANO		KE22092
21440	GLEN IRELAND		.KE74825
21441	WILLIAM A WINTERS		-2556009
21443	C BROWN	1	5325186
21450	GEORGE T BARUM	9	.5325237
21451	JOHN T CULP	9	.5316537
21456	JUDY DANCOVIC	9	5320832
	FRED MC KEE		.KE22936
21457	A J SHUBITOWSKI	1	.5340947
21464	W A FREDERICK JR	1	.5381798
21465	GRACE COATES		.KE18295
21472	ALEX GIANNAKEAS	0	5312587
21473	F M MILLER	7	.5378298
21474		NP	
21480	VIOLA DWIGHT	4	5380565
21481	HAROLD T HANER		.KE25477
21482	DEMETRE C OEDAKIS	9	.5336579
21488	ROBERT SACKER		.KE10430
21489	H E FRIEL		.5322060
21496		NP	
21497		NP	
21504	ARTHUR H RENGU	5	.5351734
21505	V ROOPOULOS		#5312152
	GEORGE CLATHIS	1	5310866
21512	WALTER H KING		.KE33183
21600	DAVID H FRIEND	9	2553360
21614		NP	
21622	F E GARCIA	9	.5322845
21623	HORACE F FRIEND		.KE46170
21630		NP	
21631	GUS PLATIS		#5321858
21633	GHANNA NISHANIAN		#2553322
21638	PHILLIP E JENKINS	6	.5372297
21639		NP	
21641		NP	
21645	FRANK LESEURE	0	.5386388
21647	KARABET GUEUKCHEK	1	5321054
21653	GEORGE PAISOPOULOS		-5313213
21655		NP	
21660	VINCENT COLBERT		5370717
	A R MITCHELSON	6	5348625
21661	M J WEST	5	5349233
21663	HAROLD A MILLER		#5317485
21669	BERNICE L MORGAN	1	5376238
	BOB SALEM	1	5376238
21671		NP	
21680	A K KURZ		5318015
21689	E S FITZGERALD	4	KE70575
21690	GEORGE HAVRILLA		5357194
21703	C L CABBLE		.5345876
	162 RESIDENCE	1	805INE55

SANTA MARIA

48221

ORCHARD ST 1967

244 RESIDENCE 6 BUSINESS

ORCHARD

48219

.....	21100-21999	TZ 238	SB..A 3
21126	WILLIAM GUMBEL		.5336820
21127	MAURICE W GIBBONS		.5314210
21134	JOHN H ARMSTRONG		#5385178
21135	MRS LLOYD J BULLER.		
			8 KE44640
21142	NELSON ROBERTSON		8.KE14418
21143	M A ROBINSON		8.KE24106
21150	JERRY HITCHINGHAM		.KE41957
21151	GORDON MASON		2.KE49417
21158	GILBERT SCHROPP		8.KE14242
21159	EARL E BROMLEY		1 5333959
21400	EDGAR W HIPPERT		.5343043
21424	H A CRANDALL		6 KE25172
	A K FROST		6 KE25172
21434	WILLIAM RUSAW		8.KE11016
21440			NP

ORCHARD ST 1967

21450	ARTHUR R SLEEP	8.KE45572
21506	ARTHUR H BETWEE JR.	
		8 KE23203
21512	ROBERT W ZACHOW	6 5322991
21520	JOHN P DONNELLY	8.KE15425
21529	JEROME B WOODS	3.5386837
21530	WILLIAM T SUTTON	4 KE75282
21536		NP
21540		NP
21542	CARL W NIELSON	#5380273
21553	FRANCIS J HANGLIN	.KE11523
21556	K J FRANTJESKOS	7.KE16999
21566		NP
21610	HARRY N GUNN	0.KE48808
	OMER ROY	0 KE48808
21624	M H YARDE	3 5351359
	LENA A GILLESPIE	3 5351359
21636	CALVIN DUNN	0 KE53224
21652	RICHARD W HILLIS	8.KE25293
21664	EARL W BURGER	8.KE53967
21706	VERNE W OBRIEN	.5320258
21714	CLARENCE G WOLF	8.KE49324
21722	HELEN P GILCHRIST	5325924
	37 RESIDENCE	

OREGON

48204

SANTA CLARA 1967

21135	EMIL W UUTINEN	4	.5348518
21142	MARTIN J HALLORAN	2	.5325718
21145	WILLIAM J JAMES	5	.KE76437
21150	CHARLES MILAN	0	.KE45034
21151	WILFRED C TEUBERT		.5335026
21160	C B MULHERIN		.KE32913
21171		NP	
21320		NP	
21330	ALEX BALASIA		.KE25268
21331	OLIVER A COPE		.KE70350
21339	JOHN C GIBSON		.KE56230
21340	MRS L W HOUGHLEI		.KE43504
21349	V N JACKSON	5	5314078
21350	JOSEPH A SAMMON	3	KE55792
21354	ALBERT W SCHULTZ	0	.KE16638
21355	PAUL CHLEBO		.KE44776
21360	HAROLD L RICE		.KE10085
21401	W ROY OPEL		.KE12812
21402	JULIUS BAILE		.KE22508
21410	GRACE M CRANE		5338306
21414	CHAS G VANDUSEN		KE49648
21415	WILLIAM A MCLELLAN		.KE15252
21424			
21425	ALVIN B LIPPE	4	.5385175
21433	J B DOTSON		.KE43012
21434	MAYME L ROBERTS	5	.5317545
21440	GLEN IRELAND	1	.KE74825
21441		NP	
21443		NP	
21450	CALVIN BEAUCHAMP	3	.KE78653
21451	GLEN A RICHARDS		KE45571
21456	FRED MC KEE		.KE22936
21457		NP	
21464	T RAYMOND MAHONEY	8	KE24115
21465	GRACE COATES		.KE18295
21472		NP	
21473	F M MILLER		5378298
21474	RAYMOND GAUTHIER		5313645
21480	VIOLA DWIGHT	4	5380565
21481	HAROLD T HANER		.KE25477
21482	DEAN KALLIS		2550722
21488	ROBERT SACKER		.KE10430
21489	H E FRIEL		.5322060
21496	H T SEYMOUR		.KE12831
21497	GEORGE BARUM JR	6	5379414
21503	CHAS D HENDRICKSON		
		6	5341487
21504	ARTHUR H RENGO	5	.KE51734
21505	DENNIS A HARVEY	5	5376391
21512	WALTER H KING		.KE33183
21600	KENNETH E HUTTULA	8	KE41588
	JOSEPH KAMPAS		.KE41588
21622	FE GARCIA	1	KE82845
21623	HORACE F FRIEND		.KE46170
21630	WILLIAM D QUINN	0	.5316071
21631	BEULAH Q ELDER	4	5385612
21633		NP	
21638	PHILLIP E JENKINS	6	.5372297
21639	CHAS M HEBESTREIT		-5338375
21641	TONEY E THOMAS		-5385347
21645		NP	
21653		NP	
21655		NP	
21660	VINCENT COLBERT	9	5370717
	A R MITCHELSON	6	5348625
21661	M J WEST	5	5349233
21663	HAROLD A MILLER		-5317485
21669		NP	
21671		NP	
21679	JOHN E FERGUSON	6	5324481
21680	MRS ANNA KURZ		KE18015
21689	E S FITZGERALD	4	KE70575
	JOHN R CHARLONG		5381841
21690	GEORGE HAVRILLA	1	KE57194
21703	C L CABLE	7	.KE45876
	155 RESIDENCE		
	SANTA MARIA		48221

ORCHARD ST 1962

249 RESIDENCE 5 BUSINESS

ORCHARD

ZONE 19

..... 21100-21999 TZ 238 \$B..A 3
 21126 CHARLES R GANFIELD KE35623
 21127 B M LAPOINTE KE19983
 MAURICE W GIBBONS .KE19983
 21134 GORDON NORDSTROM .KE25692
 21135 MRS LLOYD J BULLER .KE44640
 21142 NELSON ROBERTSON .KE14418
 21143 M A ROBINSON .KE24106
 21150 JERRY HITCHINGHAM .KE41957
 21151 GORDON MASON -KE49417
 21158 GILBERT SCHROPP .KE14242
 21159 ROLAND R CLARK .KE49645
 21400 EDGAR W HIPPERT .KE43043
 21424 HELEN A CRANDALL KE25172
 ALICE K FROST KE25172
 21434 WILLIAM RUSAW .KE11016
 21440 J L HACKER / .KE73845
 21450 ARTHUR R SLEEP .KE45572
 21506 A H BETWEE JR .KE23203
 21512 FRANCIS J CRADDOCK .KE10513
 21520 JOHN P DONNELLY .KE15425
 21530 B L TANTON KE75282
 21536 SIDNEY G CASTLE .KE16047
 21540 NP
 21542 RALPH E TOYNTON .KE54353
 21543 NP
 21553 FRANCIS HANGLIN .KE11523
 21556 K J FRANTJESKOS .KE16999
 21566 NP
 21610 OMER ROY KE48808
 HARRY N GUNN .KE48808
 21636 CALVIN DUNN KE53224
 21652 RICHARD W HILLIS .KE25293

ORCHARD ST 1962

BRESSER'S CR

9	21664	EARL W BURGER	•KE53967
5	21706	VERNE W OBRIEN	•KE20258
9	21714	CLARENCE G WOLF	•KE49324
2	21722	BARBARA M CHAPIN	KE78956
7		THERESA L CUTLER	KE78956
2		37 RESIDENCE	
1			
4		ORCHESTRA PL	ZONE 1
1			
3	•••••	TO- 199 TZ 279	\$E••E 8
4	39	NP	
5	44	NP	

SANTA CLARA 1962

.....	21100-21999 TZ 238	\$B..A 3
	21126 CAROLE BRESSON	.KE35285
	21127 JACK WATSON	.KE16365
	21134 WM MAC DOUGALL	.KE15310
	ANN PENNING	.KE15310
	21135 WALTON H TATE	.KE14689
	PATRICIA A TATE	.KE14689
	21142 MARTIN J HALLORAN	-5325718
	21150 CHARLES MILAN	.KE45034
	21151 WILFRED C TEUBERT	.KE35026
	21157 PETER FARRUGIA	.KE77414
	21160 C B MULHERIN	.KE32913
	21171	NP
	21330 ALEX BALASIA	.KE25268
	21331 OLIVER A COPE	.KE70350
	21339 JOHN C GIBSON	.KE56230
	21340 MRS L W HOUCHELI	.KE43504
	21349 VIOLET JACKSON	.KE14078
	21350 ELIZABETH WAGER	.KE22649
	21354 ALBERT W SCHULTZ	.KE16638
	21355 PAUL CHIEBO	.KE44776
	21360 HAROLD L RICE	.KE14085
	21401 W R OPEL	.KE12812
	21402 JULIUS BAILE	.KE22508
	21410 GRACE M CRANE	.KE38306
	21414 CHARLES G VANDUSEN	.KE49648
	21415 WM A MCLELLAN	.KE15252
	21424 IDA M HACKNEY	.KE21940
	21425	NP
	21433 J B DOTSON	.KE43012
	21434 J EDWIN REVENAUGH	.KE36104
	21440 GLEN IRELAND	.KE74825
	21441 CLARENCE WALSH	.KE20427
	21443 ROBERT WALDIE	-5335711
	21451 GLEN A RICHARDS	.KE45571
	21456 FRED MC KEE	.KE22936
	21457 JAMES H BOYCE	.KE54599
	21464 T RAYMOND MAHONEY	.KE24115
	21465 GRACE COATES	.KE18295
	21472 THOMAS W ATWOOD	.KE40854
	21473*EDWARD L JOHNS	.KE11725
	21480 DAVID E CRUTHIS	-5321118
	21481 HAROLD T HANER	.KE25477
	21482 PERRY KALLIS	.KE38298
	21488 ROBT SACKER	.KE10430
	21489 H E FRIEL	.KE22060
	21496 H T SEYMOUR	.KE12831
	21497 JOHN JANOSKOVITS	.KE24092
	21503 KAREEM A HABEEB	.KE74908
	21504 FLORENCE SANDBURG	.KE32114
	21505 CLAUDE GILBERT	-5342413
	JANICE C GILBERT	-5342413
	21512 WALTER H KING	.KE33183
	ROBERT C HAMLIN	.KE53512
	21600 JOSEPH KAMPAS	.KE41588
	KENNETH E HUTTULA	.KE41588
	21622 FE GARCIA	.KE82845
	21623 HORACE F FRIEND	.KE46170
	DELARD D POIRIER	.KE73973
	21630 WILLIAM D QUINN	.KE16071
	21633 NORMAN F PONKEY	-5358161
	21638 SCOTTY D SENDO	.KE73794
	21639 SARAH M RAU	-KE15198
	21641 PHILIP H BURTON	.KE78561
	21653 ELAYNE M MEYER	.KE45875
	21655 AZAD MERIAN	.KE56793
	21660 MAUDE BURTON	.KE48065
	JACK L BURTON	.KE79336
	21661 ANTONIO DEKOVICH	.KE49957

SANTA CLARA 1962

5	21663	VINCENT COLBERT	KE70717
6	21669	ROBERT F MORGAN	-5350127
1	21671	JAMES P RATHWELL	-5381044
0	21680	MRS ANNA KURZ	.KE18015
5	21689	JOHN R CHA RLONG	-5381841
8	21690	GEORGE HAVRILLA	KE57194
9	21703	C L CABBLE	.KE45876
7		.158 RESIDENCE	2 BUSINESS

SANTA MARIA ZONE 21

3	2900- 6299 TZ 175	\$A..A 9
7	3433	HARRY I ASKEW JR	.UN43156
1	2610*	CLEON M MYERS	UN43156

ORCHARD ST 1957

530 ORCHARD**ORCHARD AVE**

ZONE 19

21126	CHARLES R GANFIELD	KE3-5623
21127	MAURICE W GIBBONS	□KE1-9983
	B M LAPOINTE	KE1-9983
21134	GORDON NORDSTROM	KE2-5692
21135	LLOYD J BULLER	KE4-4640
21142	NELSON ROBERTSON	KE1-4418
21143	M A ROBINSON	KE2-4106
21150	J HITCHINGHA	□KE4-1957
21151	G MASON	KE4-9417
21158	GILBERT SCHROPP	KE1-4242
	DAVID MCWHINNIE	KE1-4242
21159	ROLANO R CLARK	KE4-9645
21400	EDGAR W HIPPERT	□KE4-3043
21424	HELEN A CRANOALL	KE2-5172
	MARY E FULLER	KE2-5172
21434	WM RUSAW	KE1-1016
21440	J L HACKER	□KE7-3845
21450	ARTHUR R SLEEP	KE4-5572
21506	ARTHUR H BETWEE JR	KE2-3203
21512	FRANCIS J CRADOOCK	KE1-0513
21520	JOHN P OONNELLY	KE1-5425
21530	RAY SIMONDS	KE2-6665
21536	SIDNEY G CASTLE	KE1-6047
21543	CARL E ERNGREN	KE7-5737
21553	FRANCIS H HANGLIN	KE1-1523
21556	K J FRANTJESKOS	□KE1-6999
21566	GEO D PALMER	KE4-5877
21624	C W KOTANIEMI	KE1-0069
21636	EDWARD J BAUGHMAN	□KE7-0820
21652	RICHARD W HILLIS	KE2-5293
21664	EARL W BURGER	KE5-3967
21706	VERNE W OBRIEN	KE2-0258
21714	C G WOLF	KE4-9324
25322	*NORMAN S BLAIR	□KE7-0680

ORCHESTRA PL

ZONE 1

SANTA CLARA 1957

ZONE 19

19300	GEO L CONRAD	K	3-4878
19310	G R SCHAFFNER	DK	2-7253
19322	C F GOLDEN	DK	4-4004
19325	CONSTANCE STEEN	K	2-3549
19330	*KATHERINE GOLDEN	DK	1-6597
19335	J J IHNACIK JR	K	5-0265
19340	HENRY HEYMOSS	K	3-4912
19350	JAMES P PYE	K	4-4161
20505	EDWARD F MAHONEY	K	1-4737
20513	ROBERT L CAUZILLO	K	3-8708
20521	SYDNEY PARNFL	K	1-1799
20529	BLANCHE NETHERCOTT	XX	2-1508
20537	GLFN E ROBINSON	XX	5-5589
20547	THOS H OWENS	K	1-1508
20638	EARL SCHOLZ	K	2-4093
20646	HARRY E CLARK	K	1-1159
20654	MORLEY L HILL	K	2-9559
20700	C H DENSON	K	5-5184
20716	WILLIAM FERGUSON	K	1-7158
20756	FRED HOVEY	DK	1-5763
20800	WILLIAM F BEAL	K	1-0384
20820	F R BATES	K	4-5366
20821	WILFREDO C TEUBERT	K	3-5026
20833	DOROTHY LAHR	DK	1-7077
	LAURA M KEATING	DK	1-7077
20838	LORNE A BEST	K	7-5646
20841	S H ERICKSON	K	2-0325
20846	MRS R L CAUZILLO	K	3-5845
	MRS O L HEBERLING	K	3-5845
20847	ROBERT E BURNS	K	2-7081
20860	LEONARDO W EOEN	K	4-8291
20863	MITCHELL GANNAGE	XX	2-8348
21126	VICTOR E DUPART	K	2-2618
21127	JACK WATSON	K	1-6365
21134	WM MAC OUGALL	K	1-5310
21135	WALTON H TATE	K	1-4689
21142	TEO C RICHARDSON	DK	4-0047
21145	JAMES G OAVIES	K	1-8722
21150	A C BUESCHING	DK	2-5157
21157	PETER FARRUGIA	K	4-3019
21160	C B MULHERIN	XX	3-2913
21330	ALEX BALASIA	K	2-5268
21331	OLIVER A COPE	K	7-0350
21339	JOHN C GIBSON	K	5-6230
21340	MRS L W HOUCHEI	K	4-3504
21349	HAROLO C JACKSON	DK	1-4078
21350	ELIZABETH WAGER	DK	2-2649
21354	ALBERT W SCHULTZ	XX	1-2638
21355	PAUL CHIEBO	XX	4-2776
21360	HAROLO L RICE	XX	1-0083
21401	W R OPEL	XX	1-2893
21402	JULIUS BAILE	K	2-2508
21414	CHARLES G VANDUSEN	XX	4-2648
21415	WM A MCLELLAN	K	1-3252
21433	J B DOTSON	K	4-3012
21434	J EOWIN REVENAUGH	K	3-6104
21440	FRANK O MURPHY	K	3-0417
21441	CLARENCE WALSH	K	2-0427
21443	MABEL M KEIM	K	3-8915
	LELIA M SCOTT	K	3-8915
21451	GLEN A RICHAROS	K	4-5571
21456	FRED MC KEE	K	2-2936
	LAWRENCE F IKER	DK	1-7156
21457	JAMES H BOYCE	K	5-4599
21464	T R MAHONEY	DK	2-4115
21465	GRACE COATES	DK	1-8295
21472	PAUL M LANKFORD	DK	1-7091
21473	PAUL E GUY	K	1-4596
21474	VINCENT COLBERT	DK	7-0717
21480	DONALD R MALONE	DK	7-5615
21481	HAROLO T HANER	DK	2-5677
21482	EONA L DIETZ	DK	4-8545
21488	ROBT SACKER	XX	1-0450
21489	H E FRIEL	XX	2-2060
21496	H T SEYMOUR	XX	1-2831
21503	FLORENCE SANOBURG	DK	3-2114
21504	C RIQUE REAGAN	K	1-3458
21505	ALBERT HOSKING	K	1-1285
21512	WALTER H KING	K	3-3183
21600	JOSEPH KAMPAS	K	4-1588
21623	HORACE F FRIENO	K	4-6170
21630	JAS MITCHELL	K	2-8691
21631	SARAH RAU	K	4-8188
21633	OSWALO SHERRILL	K	2-0931
21638	ANNE P OSBORNE	K	3-4538
21639	FRANCES M WELO	DK	5-2078
21641	OAVIO C WELD	DK	2-9311
21645	BRUCE W CARRIGAN	XX	5-5685
21647	C J HENDERLONG	XX	7-2778
21653	ELAYNE M MEYER	K	4-5875
21655	AZAO MERIAN	K	5-6793
21660	MAUDE BURTON	XX	4-8065
	*JACK L BURTON	XX	3-6761
21661	J G CAUZILLO	K	5-8950
21669	WALTER KRAHN	K	2-0975
21671	WILBUR J RAU	DK	3-7837
21679	EBER J BURNS	XX	4-5890
21680	MRS ANNA KURZ	K	1-8015
21689	ETHEL SCRUGGS	K	7-3722
21690	RUSSELL E NEIL	K	2-9332
21703	DEWITT WHITMAN	K	1-9144
	C L CABLE	DK	4-5876

SANTA MARIA AVE ZONE 21

ORCHARD ST 1953

	City limits	
	115C	46
ORCHARD AV — From 17319 Trinity av west to		46
Lahser av		46
21126 Ganfield Chas R (C) KE 3-5623		46
21127 LaPointe Baltren M (C) KE 1-9983		46
21134 Nordstrom Gordon (C) KE 2-5692		46
21135 Buller Ruby L Mrs (C) KE 4-4840		46
21142 Robertson Nelson (C) KE 1-4418		46
21143 Robinson Mary A Mrs (C)		46
21150 Black Torrence I (C) KE 3-2906		46
21151 Baron John		46
21158 McWhinnie David (C) KE 1-4242		46
21159 Clark Roland R (C) KE 4-9654		46
	Westbrook av intersects	46
	(Not open bet Westbrook and Bentler av)	46
	Bentler av intersects	46
21424 Winans Earl W (C) KE 2-1451		46
21434 Rusaw Wm A (C) KE 1-1016		46
21440 Sleep Arth R (C) KE 4-5572		46
	Chapel av intersects	46
21506 Betwee Arth H (C) KE 2-3203		46
21512 Ramsay David R (C) KE 1-1394		46
21520 Donnelly John P (C) KE 1-5425		46
21529 Woods Jerome B (C)		46
21530 Sleep Alton A (C) KE 2-1014		46
21536 Castle Sidney G (C) KE 1-6047		50
21540 Anderson Wm (C) KE 1-0710		50
21542 Cross John W (C)		50
21543 Erngren Carl E (C) KE 1-6065		50
21553 Hauglin Francis H (C) KE 1-1523		50
21556 Frantjeskos Kleanthes J (C) KE 1-6999		50
21566 Palmer Geo (C) KE 4-5877		50
	Burgess av intersects	50
21610 Hough Anna Mrs (C) KE 1-1359		50
21624 Barrett Patk D KE 3-8884		50
21636 Pearson Juanita Mrs		50
21652 Hills Richd W (C) KE 2-5293		50
21664 Burger Earl W (C)		50
21706 O'Brien Verne W (C) KE 2-0258		50
21714 Strachan Andrew (C) KE 2-0072		50
21722 Bassinger Henry C (C) KE 1-0192		50
	Greydale av intersects	50
	Lahser av intersects	50
	163E	50
OREGON AV — From 7759 Grand River av southwest		50

SANTA CLARA 1953

Pierson av Intersects

115C

Burt rd intersects

20800 Beal Wm F ① KE 1-0384
 20810 Landstrom Kenneth J ① KE 2-3294
 20820 Bates Frank R ① KE 4-5366
 20821 Teubert Wilfred C ① KE 3-5026
 20830 Rogers A M KE 1-7832
 20833 Schoeneman Clifford L ① 3-7410
 20838 Best Lorne A KE 3-9452
 20841 Erickson Sylvester H ① KE 2-0325
 20846 Sherfield R H KE 4-4553
 20847 Burns Robt E ① KE 2-7081
 20860 Eden Leonard W ① KE 4-8291
 20863 Gannaga Mitchell M ① KE 2-8348

Trinity av intersects

21126 Dupart Victor E ① KE 2-7490
 21127 Watson Jack ① KE 1-6365
 21134 MacDougall Wm ① KE 1-5310
 21135 Tate Walton H ① KE 1-4689
 21142 Carpenter Robt N ① KE 2-1469
 21145 Davies Jas G ① KE 1-8722
 21150 Polczynski Boleslaus E KE 4-7109
 21151 Milne Jas T ① KE 2-1968
 21157 Farugia Peter P ① KE 4-3019
 21160 Mulherin Clarence B ① KE 3-2913
 21171 Cox Herbert E KE 3-9806

Westbrook av intersects

21320 Jones Melvin J KE 3-9103
 21330 Balasia Alex ① KE 2-5268
 21331 Cope Oliver A ① KE 1-6687

SANTA CLARA 1953

21339	Zachow Robt W	KE 4-1143	
21340	Houchiel Margt J Mrs	Ⓞ KE 4-3504	SA
21349	Jackson Harold C	Ⓞ KE 1-4078	
21350	Wager Oscar V	Ⓞ KE 2-2849	
21354	Schultz Albert W	Ⓞ KE 1-6638	
21355	Chleb Paul	Ⓞ KE 4-4776	
21360	Rice Harold L	Ⓞ KE 1-0085	
Bentler av intersects			
21401	Opol Wm R	Ⓞ KE 1-2812	
21402	Balle Julius	Ⓞ KE 2-2508	
21410	Pappenfuss Albert H	Ⓞ	
21414	VanDusen Chas G	Ⓞ KE 4-9648	
21415	McLellan Wm A	elcc contr KE 1-5252	
21421	Grove Saml E		
21424	Hacknoy Ida M Mrs	Ⓞ KE 2-1940	
21425	Bileski Walter F	Ⓞ pntr KE 1-0427	
21433	Dotson John B	Ⓞ KE 4-3012	
21434	Revenaugh Jas E	Ⓞ KE 3-6104	
21440	Murphy Frank D	Ⓞ KE 3-0417	
21441	Walsh Clarence A	Ⓞ KE 2-0427	
21443	Reagan Chas E	KE 1-3509	
21450	Dawson Fredk W	Ⓞ KE 1-5246	
21451	Richards Glen A	KE 4-5571	
21456	Gruenewald Huldah J Mrs	KE 2-5703	
21457	Fusik Frank P	Ⓞ KE 1-5287	
21464	Mahoney Thos R	Ⓞ KE 2-4115	
21465	Tower Minnie Mrs	Ⓞ KE 1-0894	
21472	Benjamin Philip	KE 2-3549	
21473	Guy Paul E	Ⓞ KE 1-4596	
21474	Moeller Clarence G	KE 4-5603	
21480	Johnson Leonard A	KE 3-8695	
21481	Haner Harold T	Ⓞ KE 2-5477	
21482	Dietz David	Ⓞ KE 3-3292	
21488	Sacker Robt T Jr	Ⓞ KE 1-0430	
21489	Friel Herman H	Ⓞ KE 2-2060	
21496	Seymour Harrison T	Ⓞ KE 1-2831	
21497	Lovell Chas O	Ⓞ KE 4-6581	
21503	Johnson Arth H		
21504	Reagan C Rique	KE 1-3458	
21505	Sandburg Carl A	KE 3-2114	
21512	King Walter H	Ⓞ KE 3-3183	
21515	Hunter Della M Mrs	Ⓞ	
Burgess av intersects			
21600	Kampas Jos	Ⓞ KE 4-1588	
21614	Meyer Clara Mrs	Ⓞ	O
21623	Bee Donald E		
	Friend Horace F	Ⓞ KE 4-6170	
21630	Mitchell Jas C	Ⓞ KE 2-8691	
21631	Elder Thos C	KE 4-0503	
21633	Sherrill Oswald J	Ⓞ KE 2-0931	
21638	Osborne Ann P Mrs	Ⓞ KE 3-4538	
21639	Garrett Bernard W	KE 2-8811	
21641	Penn John K	Ⓞ KE 3-5648	
21645	Campbell Allan G Jr	KE 3-9156	
21647	Hawker Harry A	KE 1-2135	
21653	Meyer Harry		
21654	Redford Gospel Chapter		
21655	Dunn Addlson P	Ⓞ KE 4-9618	
21660	Burton Jack L	Ⓞ pntr KE 3-6761	
	Burton Maude Mrs	KE 4-8065	
21661	Cauzillo Francis J	KE 2-6842	
21663	Cauzillo Anne L Mrs	Ⓞ KE 3-5845	
21669	Krahn Walter	Ⓞ KE 2-0975	
21671	Evans Donald	KE 4-9619	
21679	Burns Eber J	Ⓞ KE 4-5890	
21680	Kurz Arth P	Ⓞ KE 1-8015	
21689	Cabble Chas L	KE 4-5876	
	Nell Russell E	KE 2-9332	
21690	Whitman DeWitt	KE 1-9144	
Lahser av intersects			
109C			
SANTA MARIA AV—From 17305 Parkside av west to			

ORCHARD ST 1940

CITY LIMITS

ORCHARD—From 17319
Trinity av west to West-
brook av and from Bentier
av to Lahser av

21126 Champagne Herman

21127 Albee C Raymond

21134 Nordstrom Gordon

21135 Δ Butcher John H

21142 Vacant

21143 Δ Silver G Earl

21150 Weighill Herbert ©

21151 Smith Louis W

21158 Δ McWhinnie David

©
21159 Thurlow Chas E
Chapel av intersects

21424 Δ Sherman Richd J ©
real est

21434 Δ Taeger Kelso M

21440 Sleep Arth R

21506 Δ Folker Geo M contr

21512 Δ Ramsey David R ©

21520 Donnelly John ©

21529 Stuhm Wm

21530 Donnelly Anna Mrs

©
21536 Vacant

21540 Δ Buck Howard T ©

21542 Δ Buck Thos G ©

21543 Erngren Carl E ©

21553 Δ Hanglin Francis H

21556 Steensma Sidney N

©
21566 Palmer Geo ©

Burgess av intersects

21610 Δ Hough Geo V ©

21624 Norburn Jas H

21652 Kwiek Henry F ©

21664 Whitefoot Wm

Greydale av intersects

21706 Δ Geistler Harry J ©

21707 Evans John W

21711 Δ O'Brien Verne W

21714 Simpson Jos

21722 Δ Bassinger Laundry

Co

Δ Bassinger Henry C

ORCHESTRA PL (former-

SANTA CLARA 1940

20841 O'Brien Geo B
 Trinity av intersects
 21126ΔMontfort Lynn M ⊙
 21127 Garrett Ralph G
 21134 McDougall Wm ⊙
 21135ΔTata Walton H ⊙
 21142ΔEdwards Arth J ⊙
 21145ΔGoulson Harold S ⊙
 21150 Venters Clyde C ⊙
 21151 Milne Jas T ⊙
 21157ΔBryce Wendall F
 21160 Collins Henry D ⊙
 21171ΔCarey Geo F
 21320ΔJones Melvin J
 Westbrook av intersects
 21330 Porter Glenn A
 21331 Chavey Stanley A
 21339 Talay John J
 21340 Houchlei Lewis W ⊙
 21349ΔJackson Harold C ⊙
 21350ΔWager Oscar V ⊙
 21354ΔHarris Chas T ⊙
 21355ΔJackson Wm M ⊙
 21360ΔRice Harold L ⊙
 Bentler av intersects
 21402ΔSmith Thad T ⊙
 21410 Pappenfuss Albert
 H ⊙
 21414 VanDusen Chas G
 ⊙
 21415 Opel Ida W ⊙
 21424 Hackney Percy E ⊙
 21425ΔBileski Walter F ⊙
 pntr
 21433 Dotson John B ⊙
 21434ΔDavis Wm G ⊙
 21441ΔWalsh Clarence A
 ⊙
 21443ΔJohnson Florence
 21450ΔDawson Fredk W ⊙
 21451ΔRhodes Elmer E jr
 ⊙
 21456 Gruenewald Arth A
 H ⊙
 21457 Grant John C ⊙
 21464 Mahoney Thos R ⊙
 21465ΔLahser Ann ⊙ .real
 est
 21472ΔWerdehoff Mabel
 Mrs
 21473ΔLeonard W Raymond
 ⊙
 21474 Benjamin Philip
 21480ΔOsborne Ceoll E
 elec contr
 21482 Campbell Frank R
 21488ΔHinkley Loyal R ⊙
 21489ΔPaterson John E
 21496ΔSeymour Harrison
 T ⊙
 21504ΔReagan C Rique
 21505ΔBrugman Arth W
 ΔShofstall Roland S
 ⊙
 21512ΔEverett Leslie U ⊙
 21515ΔHunter Thos R
 Burgess av intersects
 21614 Meyer Clara Mrs ⊙
 21623 Kirkland Jos M
 21630ΔAbbott Arth ⊙ contr
 21631ΔWesterdahl Anthony
 L
 21633ΔAllen Theo O
 21639ΔJohnson Harley S
 21641ΔMiller Frank G ⊙
 21645ΔDwight Wm F
 21647ΔTunis Chas H
 21653 Meyer Harry V
 21654 Detroit Third Free
 Methodist Church
 21655 Burns Eber J
 21661ΔEverhart Webber
 21662 Snedecor Willis G
 ⊙
 21663ΔTurner Cornelius E
 21669 Swan Chas A carp
 21671ΔHemenway Elon J
 21679 Burns Linus J ⊙
 21680ΔGray Ray R
 21689 Mathiak Richd H
 ΔOlsen Robt A
 21690 Broughman Wm C ⊙
 Lahser av intersects
 21709 Redford Lutheran
 School

SANTA MARIA AV —

ORCHARD ST 1935

ORCHARD—From 17319		O
Trinity av west to West-		
brook av and from Bentler		
av to Lahser av		
21126	Gurry Byron A	4
21127	Olson Grace Mrs	4
21134	Stewart Walter T	
21135	Walden Richd J	
21142	△Nigg Eldon A	4
21143	Milne Jas	
21150	Stett Carl C	4
21151	StArno Victor J	4
21158	McWhinnie David	4
21159	Gibbs Fredk H	4
Chapel av intersects		
21440	Sleep Arth R	
21506	△Folker Geo M bldg	4
	contr	4
21529	Ward Oscar S	4
21530	Donnelly Anna Mrs	4
21536	△Groot John P	4
21540	Bakewell Wm N	4
21542	Leidecker Walter	4
21543	Sheff Floyd W	4
21553	△Hanglin Francis H	4
21556	Steensma Sidney N	4
21566	△Whitfield Wm H	
Burgess av intersects		
21610	Douglas Thos	4
21624	Norburn Jas H	4
21652	Whitefoot Wm	4
21664	Davey Thos H	4
Greydale av intersects		
21706	Cook Wm	4
21707	Evans John W	4
21711	Edwards Hazel F	4
	Mrs	4
21714	Rudden Bernard T	4
21722	△Laundry Service Co	4
	Bassinger Henry O	4

SANTA CLARA 1935

SANTA CLARA AV—

Contd
 20830 Ridenour Noah
 20841 LeDue Edmond H
 Trinity av intersects
 21126 Wilson Albert E
 21127 Garrett Ralph G
 21134 Conway Geo K
 21135 Δ Braun Peter
 21142 Δ Edwards Arth J
 21145 Layton Lewis K
 21150 Δ Grout Leslie H
 Δ Schneider Albert H
 21151 Layton Floyd L
 21157 Wangbichler Harold
 21160 Δ Eliei Frank printer
 21171 Lawton Donald J
 Westbrook av intersects
 21320 Pitts Arth E
 21330 Randall Benj B
 21331 Chavey Stanley A
 21339 Δ Mondoc Steph
 21340 Merkle Fred C
 21349 Δ Jackson Harold C
 21350 Wager Oscar V
 21355 Jackson Wm M
 Bentler av intersects
 21402 Δ Smith Thad T
 21425 Δ Bileske Walter J
 pntr
 21433 Hathaway Steph J
 21441 Walsh Clarence A
 21443 Johnson Florence M
 21450 Coseo Raymond T
 21456 Grucnewald Arth H
 21464 Mahoney Thos R
 21465 Δ Lahser Anna Mrs
 real est
 21472 Finnemore Henry E
 21473 Herman Valdo
 21474 Amenson Nels E
 21480 Δ Osborne Cecil E
 21482 Esch Paul L
 21489 Δ Fullford Geo A
 pistr contr
 21503 Δ Gibbens Geo M
 21504 Gruezke Fredk H
 21505 Fox Kath Mrs
 21512 Everett Leslie U
 Burgess av intersects
 21614 Meyer Clara Mrs
 21621 Bartlett Eric T
 21623 Wendell Ethel M
 Mrs
 21631 Partridge Lawrence
 R
 21633 Perrine Millicent L
 Mrs
 21639 Johnson Harley S
 21641 Pagel Fred L
 21645 Dwight Wm F
 21647 Abbott Archie
 21653 Δ Middleton Hugh
 21654 Redford Free
 Methodist Church
 21655 Tunis Clifford J
 21660 Snedecar Glenn W
 21661 Δ Rowland Wm S
 21663 Turner Cornelius F
 21669 Lahser Clifford D
 21671 Hemenway Elon J
 21679 Burns Linus J
 21680 Δ McKerracher Elmer
 O
 Δ Redford Refrigeration Service
 21689 Dotson John B
 Δ Filkins Mary L Mrs
 21690 Burgman Wm O
 Lahser av intersects
 se cor Redford Evangelical
 Lutheran Church

SANTA MARIA AV —

ORCHARD ST 1931

**ORCHARD—From Bentler
av west to Lahser av, 1
north of Grand River av**

21134 Wykoff Darwin

21440 Sleep Arth R

Chapel av intersects

21506 Folker Geo M

21529 Pritchard Harold H

21530 Donnelly Anna Mrs

21536 Butler Ruben

21540 Bakewell Wm W

21542 Lyon Harriet Mrs

21543 Vacant

21553 Hanglin Francis H

21556 Steensma Sidney N

21566 Fullford G A contr

Burgess av intersects

21610 Douglas Thos

Hall Ernest S

21624 Norburn Jas H

21652 Turnbull Robt E

21664 Burnham John W

Greydale av intersects

21706 Geistler Harry J

21707 Maltby Wm

21711 Soderberg John

21714 Simpson Jos

21722 Bassinger Henry O

Indy

Lahser av intersects

ORCHESTRA PLACE

SANTA CLARA 1931

	20841	Kidenour Noah Day Clarence A Trinity av intersects
	21126	Livermore Harold B
	21127	Tice Chas L
	21134	Delcarson Jas V
	21135	Hermesmeyer Matthew H
	21142	Madgwick Louis C R
	21145	Bacon Russell A
	21150	Kelly Philip M
	21151	Fletcher Wm
	21157	Rhame Geo
	21160	Cramer Jas M
	21171	Groat Arth O Westbrook av intersects
	21220	Campbell Ralph S
	21330	Vacant
	21331	Town Howard W
	21339	Mondoc Steph
	21340	McConnell R Forest
	21349	Jackson Harold C
	21355	Jackson Wm M Bentler av intersects
	21402	Wahl Frank
	21425	Bileski Walter J
	21433	Hagle Lafe
	21441	Walsh Clarence A
	21443	Bossardet Emma Mrs
	21450	Hagle J Frank
	21456	Gruenewald Arth A H
	21464	Mahoney Thos R
	21465	Lahser Anna E real est
	21472	Walls Orlow L
	21473	Henyon Irving G
	21474	Parvin Leo
	21480	Osborne Cecil E
	21482	Carson Geo H
	21489	Schmidt Theo W
	21503	Haveland Clarence T
	21504	Gruetzke Fredk II jr
	21505	Halgren Harold A
	21512	Hippert Edgar W Burness av intersects
	21614	Meyer Richd R
	21621	Fassett Geo H
	21623	Cameron Donald A
	21631	Kersten Herman
	21633	Sherlock John F
	21639	Brethen Arth J
	21641	Gibbons Geo M
	21645	Miller Carl B
	21647	Hansen Harry
	21652	Redford Free Meth Church
	21653	Wright Thos B trucking
	21655	Tunis Chas M
	21660	Snedecor W Glenn
	21661	Geisler Frank R
	21663	Turner Cornelius F
	21669	Tun's Chas H
	21671	Hopkins Electa Mrs Alien Robt
	21679	Burns Linus J
	21680	Gunther Chas E
	21689	Vacant
	21690	Bethlehem Luth Ch Lahser av intersects Brugman Wm McIntyre intersects
	SANTA MARIA AV —	

10.5 Regulatory Records Documentation: The EDR Radius Map Report with GeoCheck, Detroit FOIA Requests, Wayne County Department of Public Services Response, Assessing Records, City of Detroit Building Department Index Permit and City of Detroit, Safety Engineering and Environmental Department Oil Tank Card Records, and EGLE Perfected Environmental Liens

21525 Santa Clara
21525 Santa Clara
Detroit, MI 48219

Inquiry Number: 6797557.2s
December 22, 2021

The EDR Radius Map™ Report with GeoCheck®



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Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527-21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

21525 SANTA CLARA
DETROIT, MI 48219

COORDINATES

Latitude (North): 42.4182490 - 42° 25' 5.69"
Longitude (West): 83.2557830 - 83° 15' 20.81"
Universal Transverse Mercator: Zone 17
UTM X (Meters): 314400.2
UTM Y (Meters): 4698466.5
Elevation: 634 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 14468163 REDFORD, MI
Version Date: 2019

East Map: 14468171 ROYAL OAK, MI
Version Date: 2019

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140628
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
21525 SANTA CLARA
DETROIT, MI 48219

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	LAUNDRY SERVICE CO	21722 ORCHARD	EDR Hist Cleaner	Lower	137, 0.026, West
A2	BASSINGER HENRY C	21722 ORCHARD AVE	EDR Hist Cleaner	Lower	162, 0.031, WSW
B3	ECON-00-WASH LAUNDRY	17261 GREYDALE AVE	EDR Hist Cleaner	Lower	338, 0.064, SSW
4	LANGBECKER GARAGE	21670 BENNETT AVE	EDR Hist Auto	Higher	346, 0.066, NNW
C5	THE FEDERAL RECYCLER	17405 LAHSER RD	RCRA NonGen / NLR	Lower	386, 0.073, West
B6	GRAHAM CLEANERS AND	17330 LAHSER AVE	EDR Hist Cleaner	Lower	395, 0.075, SW
B7	DETROIT AUTO WHEEL R	17330 LAHSER AVE	EDR Hist Auto	Lower	395, 0.075, SW
D8	SISCO EVERETT	17373 LAHSER AVE	EDR Hist Auto	Lower	409, 0.077, WSW
C9	HUMPHREYS BILL STAND	17447 LAHSER RD	EDR Hist Auto	Higher	412, 0.078, WNW
D10	B J DRY CLEANERS S S	17363 LAHSER AX	EDR Hist Cleaner	Lower	430, 0.081, WSW
D11	SPEER FRANK C	17337 LAHSER AVE	EDR Hist Auto	Higher	506, 0.096, SW
D12	MEDICAL MICROFILMING	17337 LAHSER RD	RCRA NonGen / NLR, FINDS, ECHO	Higher	506, 0.096, SW
13	US DEPT/JUSTICE DEA	17318 LAHSER RD	RCRA NonGen / NLR	Higher	535, 0.101, SW
D14	SNYDER LOUIS M	17339 REDFORD AVE	EDR Hist Auto	Lower	583, 0.110, WSW
E15	GRAND RIVER PROPERTY	22200 W GRAND RIVER	RCRA-VSQG, FINDS, ECHO	Lower	795, 0.151, West
E16	22200 WEST GRAND RIV	22200 WEST GRAND RIV	INVENTORY, BEA, WDS	Lower	795, 0.151, West
17	COOLEY STREET MERCUR	17534 COOLEY STREET	SEMS	Lower	853, 0.162, WNW
18	RUDY CARR CO	21560 GRAND RIVER AV	RCRA NonGen / NLR, FINDS, ECHO	Higher	930, 0.176, SSE
E19	22222 W. GRAND RIVER	22222 W. GRAND RIVER	INVENTORY, BEA	Lower	957, 0.181, WSW
F20	MICHIGAN BELL TELEPH	17151 LAHSER RD	RCRA-VSQG, FINDS, ECHO	Lower	1062, 0.201, SSW
F21	DETROIT REDFORD CO (17151 LAHSER RD	UST	Lower	1062, 0.201, SSW
G22	DETROIT PUBLIC SCHOO	18100 BENTLER ST	RCRA-VSQG	Higher	1075, 0.204, NE
G23	DETROIT PUBLIC SCHOO	18100 BENTLER ST	INVENTORY, BEA, WDS	Higher	1075, 0.204, NE
24	B & D GAS MART INC	21740 W MCNICHOLS RD	LUST, UST, INVENTORY, Financial Assurance	Lower	1191, 0.226, SSW
25	OLSON OLDSMOBILE INC	22326 GRAND RIVER AV	UST, RCRA NonGen / NLR, FINDS, ECHO	Lower	1246, 0.236, West
26	21555 WEST MCNICHOLS	21555 WEST MCNICHOLS	INVENTORY, BEA	Lower	1314, 0.249, SSE
H27	21431 WEST GRAND RIV	21431 WEST GRAND RIV	INVENTORY, BEA	Higher	1453, 0.275, SSE
H28	REDFORD HIGH SCHOOL	21431 WEST GRAND RIV	BEA	Higher	1453, 0.275, SSE
29	AUTO ZONE INC	21174 W MCNICHOLS RD	LUST, UST, INVENTORY, BEA	Lower	1716, 0.325, SE
I30	POLICE DEPARTMENT PR	21400 GRAND RIVER AV	LUST, UST, INVENTORY, WDS	Lower	1726, 0.327, SE
I31	DETROIT POLICE 8TH P	21310 GRAND RIVER	BEA	Lower	1776, 0.336, SE
I32	21310 GRAND RIVER (2	21310 GRAND RIVER (2	INVENTORY, BEA	Lower	1831, 0.347, SE
33	FIRE DEPT ENGINE #54	16825 TRINITY ST	LUST, UST, INVENTORY, Financial Assurance, WDS	Lower	2277, 0.431, SE
34	MNK SERVICES	20545 W 7 MILE RD	BROWNFIELDS, PART 201	Higher	4767, 0.903, NE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL..... National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY..... Federal Facility Site Information listing

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS..... Corrective Action Report

Lists of Federal RCRA TSD facilities

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Lists of Federal RCRA generators

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

Federal institutional controls / engineering controls registries

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

Federal ERNS list

ERNS..... Emergency Response Notification System

EXECUTIVE SUMMARY

Lists of state- and tribal hazardous waste facilities

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

Lists of state and tribal landfills and solid waste disposal facilities

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

Lists of state and tribal leaking storage tanks

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

Lists of state and tribal registered storage tanks

FEMA UST..... Underground Storage Tank Listing

AST..... Aboveground Tanks

INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

AUL..... Engineering and Institutional Controls

Lists of state and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

Lists of state and tribal brownfield sites

BROWNFIELDS..... Brownfields and UST Site Database

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY..... Recycling Facilities

HIST LF..... Inactive Solid Waste Facilities

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

ODI..... Open Dump Inventory

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

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

CDL..... Clandestine Drug Lab Listing

DEL PART 201..... Delisted List of Contaminated Sites

US CDL..... National Clandestine Laboratory Register

PFAS..... PFAS Contaminated Sites Listing

EXECUTIVE SUMMARY

Local Land Records

LIENS..... Lien List
LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
SPILLS..... Pollution Emergency Alerting System

Other Ascertainable Records

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

EXECUTIVE SUMMARY

LEAD..... Lead Safe Housing Registry
NPDES..... List of Active NPDES Permits
UIC..... Underground Injection Wells Database
WDS..... Waste Data System
MINES MRDS..... Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP..... EDR Proprietary Manufactured Gas Plants

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA PART 201..... Recovered Government Archive State Hazardous Waste Facilities List
RGA LF..... Recovered Government Archive Solid Waste Facilities List
RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal sites subject to CERCLA removals and CERCLA orders

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

A review of the SEMS list, as provided by EDR, and dated 10/20/2021 has revealed that there is 1 SEMS site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
COOLEY STREET MERCUR	17534 COOLEY STREET	WNW 1/8 - 1/4 (0.162 mi.)	17	23

EXECUTIVE SUMMARY

Lists of Federal RCRA generators

RCRA-VSQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-VSQG list, as provided by EDR, and dated 09/13/2021 has revealed that there are 3 RCRA-VSQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DETROIT PUBLIC SCHOO EPA ID:: MID985602234	18100 BENTLER ST	NE 1/8 - 1/4 (0.204 mi.)	G22	35
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GRAND RIVER PROPERTY EPA ID:: MIK729123001	22200 W GRAND RIVER	W 1/8 - 1/4 (0.151 mi.)	E15	19
MICHIGAN BELL TELEPH EPA ID:: MID980615025	17151 LAHSER RD	SSW 1/8 - 1/4 (0.201 mi.)	F20	29

Lists of state and tribal leaking storage tanks

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Quality's Leaking Underground Storage Tank (LUST) Database.

A review of the LUST list, as provided by EDR, and dated 08/03/2021 has revealed that there are 4 LUST sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
B & D GAS MART INC Release Status: Closed Substance Release: Gasoline,Gasoline,Gasoline Facility Id: 00037354	21740 W MCNICHOLS RD	SSW 1/8 - 1/4 (0.226 mi.)	24	42
AUTO ZONE INC Release Status: Open Substance Release: Unknown Facility Id: 00039280	21174 W MCNICHOLS RD	SE 1/4 - 1/2 (0.325 mi.)	29	52
POLICE DEPARTMENT PR Release Status: Closed Substance Release: Gasoline Facility Id: 00019143	21400 GRAND RIVER AV	SE 1/4 - 1/2 (0.327 mi.)	I30	56
FIRE DEPT ENGINE #54 Release Status: Closed Substance Release: Diesel Facility Id: 00019124	16825 TRINITY ST	SE 1/4 - 1/2 (0.431 mi.)	33	60

EXECUTIVE SUMMARY

Lists of state and tribal registered storage tanks

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

A review of the UST list, as provided by EDR, has revealed that there are 3 UST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DETROIT REDFORD CO (Database: UST, Date of Government Version: 04/26/2021 Tank Status: Closed in Ground Tank Status: Currently In Use Facility Type: ACTIVE Facility Id: 00011689	17151 LAHSER RD	SSW 1/8 - 1/4 (0.201 mi.)	F21	33
B & D GAS MART INC Database: UST, Date of Government Version: 04/26/2021 Tank Status: Currently In Use Facility Type: ACTIVE Facility Id: 00037354	21740 W MCNICHOLS RD	SSW 1/8 - 1/4 (0.226 mi.)	24	42
OLSON OLDSMOBILE INC Database: UST, Date of Government Version: 04/26/2021 Tank Status: Removed from Ground Facility Type: CLOSED Facility Id: 00001674	22326 GRAND RIVER AV	W 1/8 - 1/4 (0.236 mi.)	25	45

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

PART 201: A Part 201 Listed site is a location that has been evaluated and scored by the DEQ using the Part 201 scoring model. The location is or includes a "facility" as defined by Part 201, where there has been a release of a hazardous substance(s) in excess of the Part 201 residential criteria, and/or where corrective actions have not been completed under Part 201 to meet the applicable cleanup criteria for unrestricted residential use. The Part 201 List does not include all of the sites of contamination that are subject to regulation under Part 201 because owners are not required to inform the DEQ about the sites and can pursue cleanup independently. Sites of environmental contamination that are not known to DEQ are not on the list, nor are sites with releases that resulted in low environmental impact.

A review of the PART 201 list, as provided by EDR, and dated 10/01/2013 has revealed that there is 1 PART 201 site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MNK SERVICES Facility Status: See Leaking Underground Storage Tank Site Database Facility ID: 82001839	20545 W 7 MILE RD	NE 1/2 - 1 (0.903 mi.)	34	63

EXECUTIVE SUMMARY

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

A review of the INVENTORY list, as provided by EDR, and dated 10/18/2021 has revealed that there are 10 INVENTORY sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DETROIT PUBLIC SCHOO Facility ID: 82007376	18100 BENTLER ST	NE 1/8 - 1/4 (0.204 mi.)	G23	40
21431 WEST GRAND RIV Facility ID: 82007492	21431 WEST GRAND RIV	SSE 1/4 - 1/2 (0.275 mi.)	H27	50
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
22200 WEST GRAND RIV Facility ID: 82008565	22200 WEST GRAND RIV	W 1/8 - 1/4 (0.151 mi.)	E16	22
22222 W. GRAND RIVER Facility ID: 82007516	22222 W. GRAND RIVER	WSW 1/8 - 1/4 (0.181 mi.)	E19	27
B & D GAS MART INC Facility ID: 37354	21740 W MCNICHOLS RD	SSW 1/8 - 1/4 (0.226 mi.)	24	42
21555 WEST MCNICHOLS Facility ID: 82007498	21555 WEST MCNICHOLS	SSE 1/8 - 1/4 (0.249 mi.)	26	49
AUTO ZONE INC Facility ID: 39280 Facility ID: 82006968	21174 W MCNICHOLS RD	SE 1/4 - 1/2 (0.325 mi.)	29	52
POLICE DEPARTMENT PR Facility ID: 19143	21400 GRAND RIVER AV	SE 1/4 - 1/2 (0.327 mi.)	I30	56
21310 GRAND RIVER (2 Facility ID: 82007489	21310 GRAND RIVER (2	SE 1/4 - 1/2 (0.347 mi.)	I32	59
FIRE DEPT ENGINE #54 Facility ID: 19124	16825 TRINITY ST	SE 1/4 - 1/2 (0.431 mi.)	33	60

EXECUTIVE SUMMARY

Other Ascertainable Records

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 09/13/2021 has revealed that there are 5 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MEDICAL MICROFILMING EPA ID:: MID056987506	17337 LAHSER RD	SW 0 - 1/8 (0.096 mi.)	D12	13
US DEPT/JUSTICE DEA EPA ID:: MIK114426398	17318 LAHSER RD	SW 0 - 1/8 (0.101 mi.)	13	17
RUDY CARR CO EPA ID:: MID005383997	21560 GRAND RIVER AV	SSE 1/8 - 1/4 (0.176 mi.)	18	24

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
THE FEDERAL RECYCLER EPA ID:: MIK174485433	17405 LAHSER RD	W 0 - 1/8 (0.073 mi.)	C5	8
OLSON OLDSMOBILE INC EPA ID:: MID016959744	22326 GRAND RIVER AV	W 1/8 - 1/4 (0.236 mi.)	25	45

BEA: A BEA is a document that new or prospective property owners/operations disclose to the DEQ identifying the property as a facility pursuant to Part 201 and Part 213. The Inventory of BEA Facilities overlaps in part with the Part 201 Projects facilities and Part 213 facilities. There may be more than one BEA for each facility.

A review of the BEA list, as provided by EDR, and dated 08/10/2021 has revealed that there are 9 BEA sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DETROIT PUBLIC SCHOO	18100 BENTLER ST	NE 1/8 - 1/4 (0.204 mi.)	G23	40
21431 WEST GRAND RIV	21431 WEST GRAND RIV	SSE 1/4 - 1/2 (0.275 mi.)	H27	50
REDFORD HIGH SCHOOL	21431 WEST GRAND RIV	SSE 1/4 - 1/2 (0.275 mi.)	H28	51

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
22200 WEST GRAND RIV	22200 WEST GRAND RIV	W 1/8 - 1/4 (0.151 mi.)	E16	22
22222 W. GRAND RIVER	22222 W. GRAND RIVER	WSW 1/8 - 1/4 (0.181 mi.)	E19	27
21555 WEST MCNICHOLS	21555 WEST MCNICHOLS	SSE 1/8 - 1/4 (0.249 mi.)	26	49
AUTO ZONE INC	21174 W MCNICHOLS RD	SE 1/4 - 1/2 (0.325 mi.)	29	52
DETROIT POLICE 8TH P	21310 GRAND RIVER	SE 1/4 - 1/2 (0.336 mi.)	I31	58
21310 GRAND RIVER (2	21310 GRAND RIVER (2	SE 1/4 - 1/2 (0.347 mi.)	I32	59

EXECUTIVE SUMMARY

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 6 EDR Hist Auto sites within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LANGBECKER GARAGE	21670 BENNETT AVE	NNW 0 - 1/8 (0.066 mi.)	4	8
HUMPHREYS BILL STAND	17447 LAHSER RD	WNW 0 - 1/8 (0.078 mi.)	C9	12
SPEER FRANK C	17337 LAHSER AVE	SW 0 - 1/8 (0.096 mi.)	D11	13
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DETROIT AUTO WHEEL R	17330 LAHSER AVE	SW 0 - 1/8 (0.075 mi.)	B7	11
SISCO EVERETT	17373 LAHSER AVE	WSW 0 - 1/8 (0.077 mi.)	D8	12
SNYDER LOUIS M	17339 REDFORD AVE	WSW 0 - 1/8 (0.110 mi.)	D14	19

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

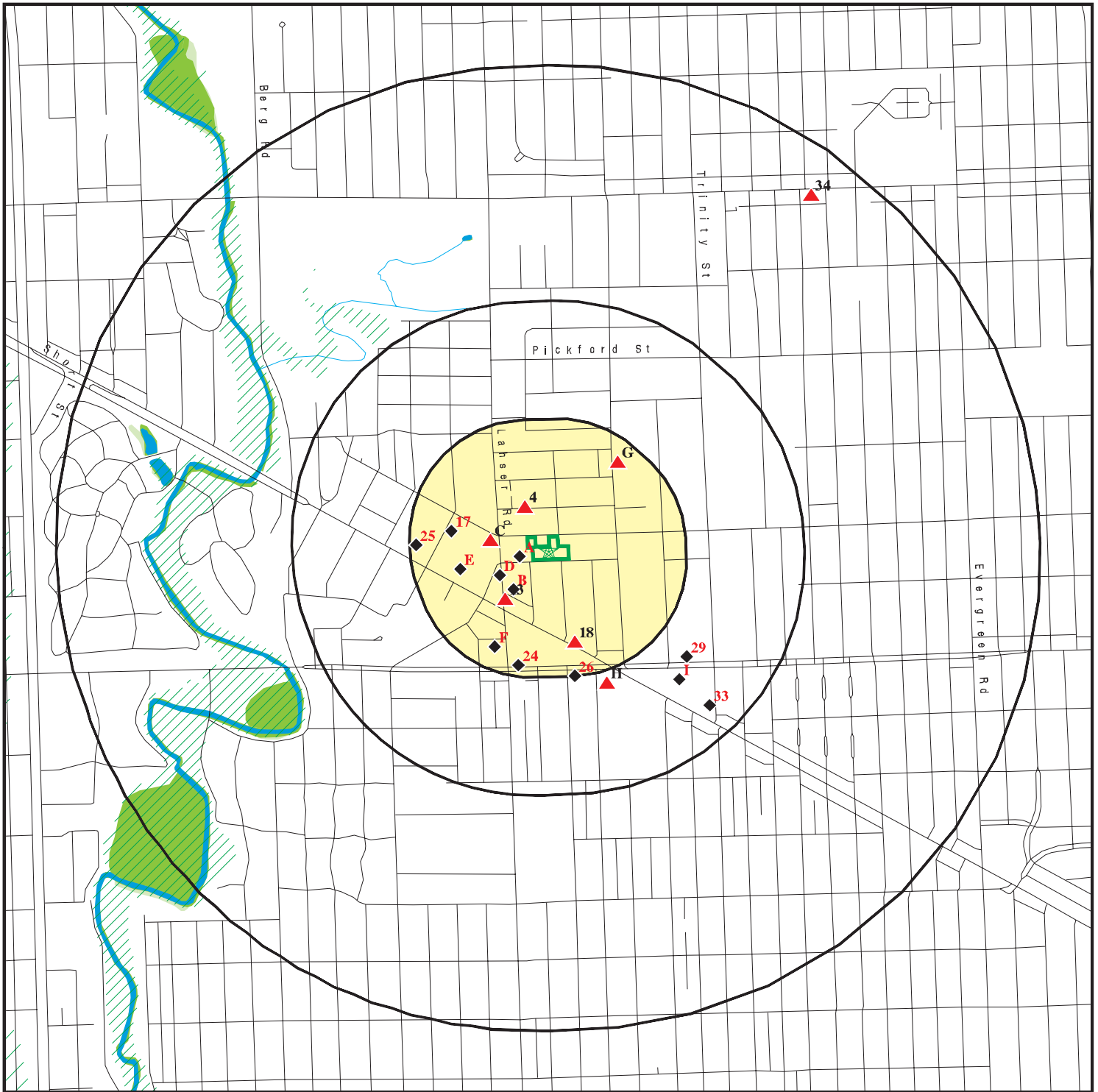
A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 5 EDR Hist Cleaner sites within approximately 0.125 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LAUNDRY SERVICE CO	21722 ORCHARD	W 0 - 1/8 (0.026 mi.)	A1	8
BASSINGER HENRY C	21722 ORCHARD AVE	WSW 0 - 1/8 (0.031 mi.)	A2	8
ECON-00-WASH LAUNDRY	17261 GREYDALE AVE	SSW 0 - 1/8 (0.064 mi.)	B3	8
GRAHAM CLEANERS AND	17330 LAHSER AVE	SW 0 - 1/8 (0.075 mi.)	B6	11
B J DRY CLEANERS S S	17363 LAHSER AX	WSW 0 - 1/8 (0.081 mi.)	D10	12

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 6797557.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

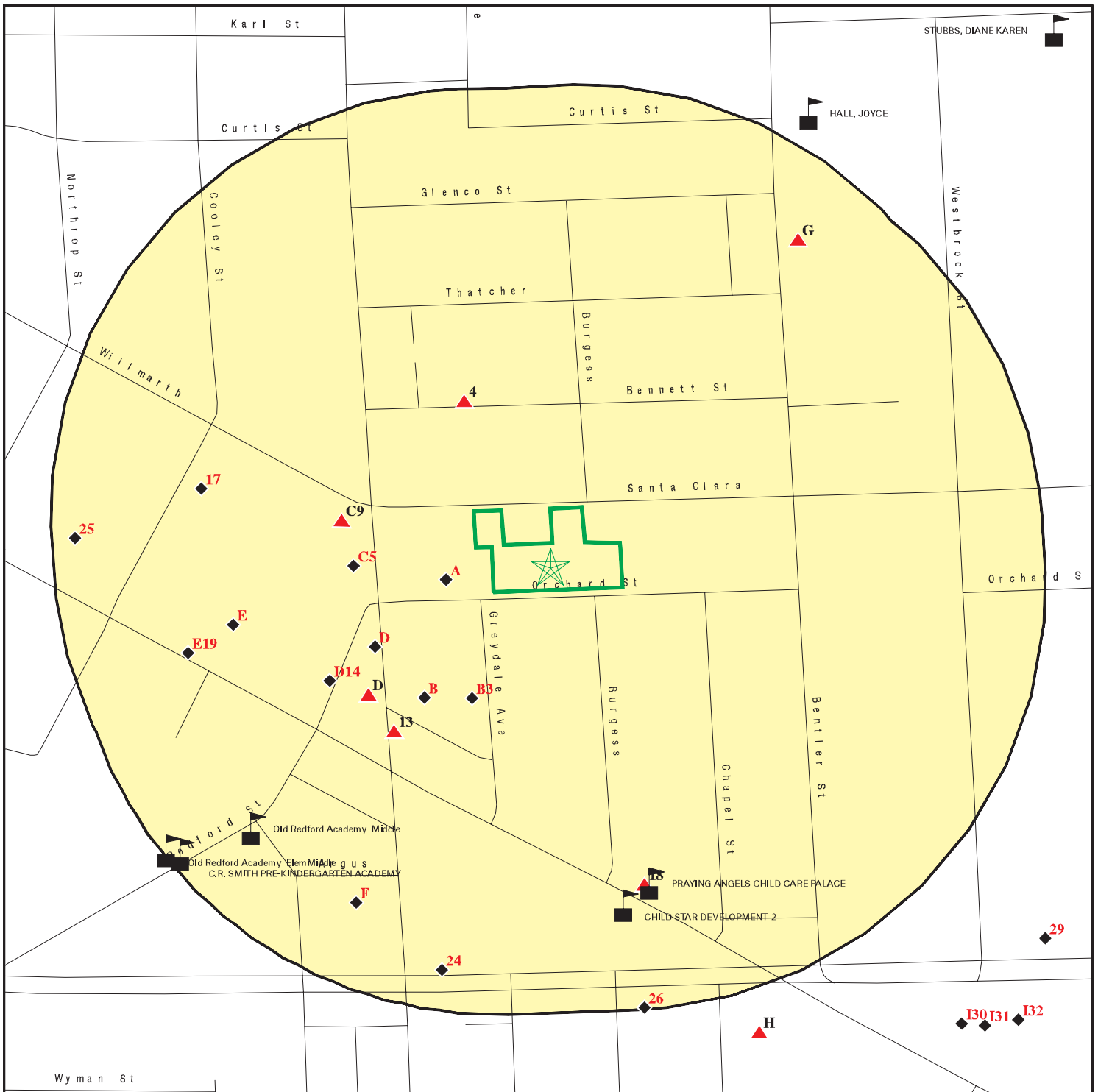









This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.




SITE NAME: 21525 Santa Clara
 ADDRESS: 21525 Santa Clara
 Detroit MI 48219
 LAT/LONG: 42.418249 / 83.255783

CLIENT: Applied Science & Technology
 CONTACT: Laura Gray
 INQUIRY #: 6797557.2s
 DATE: December 22, 2021 12:32 pm

DETAIL MAP - 6797557.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites

-  Indian Reservations BIA
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard

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

SITE NAME: 21525 Santa Clara ADDRESS: 21525 Santa Clara Detroit MI 48219 LAT/LONG: 42.418249 / 83.255783	CLIENT: Applied Science & Technology CONTACT: Laura Gray INQUIRY #: 6797557.2s DATE: December 22, 2021 12:34 pm
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MAP FINDINGS SUMMARY

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

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal registered storage tanks</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	3	NR	NR	NR	3
AST	1.000		0	0	0	0	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<i>State and tribal institutional control / engineering control registries</i>								
AUL	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal voluntary cleanup sites</i>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal brownfield sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
SWRCY	0.500		0	0	0	NR	NR	0
HIST LF	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
PART 201	1.000		0	0	0	1	NR	1
INVENTORY	0.500		0	5	5	NR	NR	10
CDL	0.001		0	NR	NR	NR	NR	0
DEL PART 201	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
<i>Local Land Records</i>								
LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
<i>Records of Emergency Release Reports</i>								
HMIRS	0.001		0	NR	NR	NR	NR	0
SPILLS	0.001		0	NR	NR	NR	NR	0
<i>Other Ascertainable Records</i>								
RCRA NonGen / NLR	0.250		3	2	NR	NR	NR	5

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
AIRS	0.001		0	NR	NR	NR	NR	0
ASBESTOS	0.001		0	NR	NR	NR	NR	0
BEA	0.500		0	4	5	NR	NR	9
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
LEAD	0.001		0	NR	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR Hist Auto	0.125		6	NR	NR	NR	NR	6
EDR Hist Cleaner	0.125		5	NR	NR	NR	NR	5
<u>EDR RECOVERED GOVERNMENT ARCHIVES</u>								
<i>Exclusive Recovered Govt. Archives</i>								
RGA PART 201	0.001		0	NR	NR	NR	NR	0
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		0	14	19	13	1	0	47

NOTES:

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 Elevation	Site	Database(s)	EDR ID Number EPA ID Number
A1 West < 1/8 0.026 mi. 137 ft.	LAUNDRY SERVICE CO 21722 ORCHARD DETROIT, MI Site 1 of 2 in cluster A	EDR Hist Cleaner	1009478729 N/A
Relative: Lower	EDR Hist Cleaner		
Actual: 632 ft.	Year: Name: 1935 LAUNDRY SERVICE CO 1940 BASSINGER LAUNDRY CO	Type: LAUNDRIES-STEAM LAUNDRIES-STEAM	
A2 WSW < 1/8 0.031 mi. 162 ft.	BASSINGER HENRY C 21722 ORCHARD AVE DETROIT, MI Site 2 of 2 in cluster A	EDR Hist Cleaner	1009478730 N/A
Relative: Lower	EDR Hist Cleaner		
Actual: 632 ft.	Year: Name: 1931 BASSINGER HENRY C	Type: LAUNDRIES-HAND	
B3 SSW < 1/8 0.064 mi. 338 ft.	ECON-00-WASH LAUNDRY 17261 GREYDALE AVE DETROIT, MI Site 1 of 3 in cluster B	EDR Hist Cleaner	1009477863 N/A
Relative: Lower	EDR Hist Cleaner		
Actual: 633 ft.	Year: Name: 1970 ECON-00-WASH LAUNDRY	Type: LAUNDRIES SELF SERVE	
4 NNW < 1/8 0.066 mi. 346 ft.	LANGBECKER GARAGE 21670 BENNETT AVE DETROIT, MI	EDR Hist Auto	1009489529 N/A
Relative: Higher	EDR Hist Auto		
Actual: 634 ft.	Year: Name: 1935 LANGBECKER GARAGE	Type: AUTOMOBILE GARAGES	
C5 West < 1/8 0.073 mi. 386 ft.	THE FEDERAL RECYCLER 17405 LAHSER RD DETROIT, MI 48219 Site 1 of 2 in cluster C	RCRA NonGen / NLR	1012180060 MIK174485433
Relative: Lower	RCRA NonGen / NLR: Date Form Received by Agency: 20090806		
Actual: 631 ft.	Handler Name: THE FEDERAL RECYCLER Handler Address: 17405 LAHSER RD		

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THE FEDERAL RECYCLER (Continued)

1012180060

Handler City,State,Zip:	DETROIT, MI 48219
EPA ID:	MIK174485433
Contact Name:	MARC MANCE
Contact Address:	17405 LAHSER RD
Contact City,State,Zip:	DETROIT, MI 48219
Contact Telephone:	248-479-1245
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	05
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	14594 SOUTHFIELD RD
Mailing City,State,Zip:	ALLEN PARK, MI 48101
Owner Name:	THE FEDERAL RECYCLER
Owner Type:	Private
Operator Name:	MARC J MANCE
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THE FEDERAL RECYCLER (Continued)

1012180060

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

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARC J MANCE
Legal Status:	Private
Date Became Current:	20090901
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	THE FEDERAL RECYCLER
Legal Status:	Private
Date Became Current:	20090901
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20090806
Handler Name:	THE FEDERAL RECYCLER

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

THE FEDERAL RECYCLER (Continued)

1012180060

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

List of NAICS Codes and Descriptions:

NAICS Code:	562219
NAICS Description:	OTHER NONHAZARDOUS WASTE TREATMENT AND DISPOSAL

Facility Has Received Notices of Violations:

Violations:	No Violations Found
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Evaluation Action Summary:

Evaluations:	No Evaluations Found
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B6	GRAHAM CLEANERS AND DYERS	EDR Hist Cleaner	1009477877
SW	17330 LAHSER AVE		N/A
< 1/8	DETROIT, MI		
0.075 mi.			
395 ft.	Site 2 of 3 in cluster B		
Relative:	EDR Hist Cleaner		
Lower			
Actual:	Year: Name:	Type:	
633 ft.	1935 GRAHAM CLEANERS AND DYERS	CLOTHES PRESSERS AND CLEANERS	

B7	DETROIT AUTO WHEEL REPAIR CO REAR	EDR Hist Auto	1009488233
SW	17330 LAHSER AVE		N/A
< 1/8	DETROIT, MI		
0.075 mi.			
395 ft.	Site 3 of 3 in cluster B		
Relative:	EDR Hist Auto		
Lower			
Actual:	Year: Name:	Type:	
633 ft.	1956 DETROIT AUTO WHEEL REPAIR CO RE	AUTOMOBILE REPAIRING	
	1965 DETROIT AUTO WHEEL REPAIR CO RE	AUTOMOBILE REPAIRING	
	1969 SNYDER RAYMOND C	General Automotive Repair Shops	
	1970 SNYDER S GARAGE REAR	AUTOMOBILE REPAIRING	
	1970 SNYDER RAYMOND C	General Automotive Repair Shops	
	1971 SNYDER RAYMOND C	General Automotive Repair Shops	
	1972 SNYDER RAYMOND C	General Automotive Repair Shops	
	1973 SNYDER RAYMOND C	General Automotive Repair Shops	
	1974 SNYDER RAYMOND C	General Automotive Repair Shops	
	1975 SNYDER RAYMOND C	General Automotive Repair Shops	
	1976 DETROIT AUTO WHEEL REPAIR CO	Automotive Repair Shops, NEC	
	1976 SNYDER RAYMOND C	General Automotive Repair Shops	

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DETROIT AUTO WHEEL REPAIR CO REAR (Continued)

1009488233

1977	DETROIT AUTO WHEEL REPAIR CO	Automotive Repair Shops, NEC
1978	DETROIT AUTO WHEEL REPAIR CO	Automotive Repair Shops, NEC
1979	DETROIT AUTO WHEEL REPAIR CO	Automotive Repair Shops, NEC
1980	DETROIT AUTO WHEEL REPAIR CO	Automotive Repair Shops, NEC
1982	DETROIT AUTO WHEEL REPAIR CO	Automotive Repair Shops, NEC
1983	DETROIT AUTO WHEEL REPAIR CO	Automotive Repair Shops, NEC
1985	DETROIT AUTO WHEEL REPAIR CO	Automotive Repair Shops, NEC
1986	DETROIT AUTO WHEEL REPAIR CO	Automotive Repair Shops, NEC
1987	DETROIT AUTO WHEEL REPAIR CO	Automotive Repair Shops, NEC
1988	DETROIT AUTO WHEEL REPAIR CO	Automotive Repair Shops, NEC

D8
WSW
 < 1/8
 0.077 mi.
 409 ft.

SISCO EVERETT
17373 LAHSER AVE
DETROIT, MI
 Site 1 of 5 in cluster D

EDR Hist Auto **1009488258**
 N/A

Relative:
Lower

EDR Hist Auto

Actual:
 631 ft.

Year:	Name:
1931	STEWART CLYDE E
1935	BRIGGS DAVEY J
1940	SISCO EVERETT

Type:
GASOLINE AND OIL SERVICE STATIONS
GASOLINE AND OIL SERVICE STATIONS
GASOLINE AND OIL SERVICE STATIONS

C9
WNW
 < 1/8
 0.078 mi.
 412 ft.

HUMPHREYS BILL STANDARD SV
17447 LAHSER RD
DETROIT, MI 48219
 Site 2 of 2 in cluster C

EDR Hist Auto **1009488281**
 N/A

Relative:
Higher

EDR Hist Auto

Actual:
 634 ft.

Year:	Name:
1965	HUMPHREY BILL STANAIR TSERVICE
1969	HUMPHREYS BILL STANDARD SV
1970	HUMPHREYS BILL STANDARD SV
1971	HUMPHREYS BILL STANDARD SV
1972	HUMPHREYS BILL STANDARD SV

Type:
GASOLINE STATIONS
Gasoline Service Stations
Gasoline Service Stations
Gasoline Service Stations
Gasoline Service Stations

D10
WSW
 < 1/8
 0.081 mi.
 430 ft.

B J DRY CLEANERS S SHIRT LAUNDRY
17363 LAHSER AX
DETROIT, MI
 Site 2 of 5 in cluster D

EDR Hist Cleaner **1009477885**
 N/A

Relative:
Lower

EDR Hist Cleaner

Actual:
 632 ft.

Year:	Name:
1970	B J DRY CLEANERS S SHIRT LAUNDRY
1971	B & J DRY CLEANING SHIRT LNDRY
1972	B & J DRY CLEANING SHIRT LNDRY
1973	B & J DRY CLEANING SHIRT LNDRY
1974	B & J DRY CLEANING SHIRT LNDRY
1976	B & J DRY CLEANING SHIRT LNDRY
1977	B & J DRY CLEANING SHIRT LNDRY

Type:
CLEANERS AND DYERS
Drycleaning Plants, Except Rugs
Drycleaning Plants, Except Rugs
Drycleaning Plants, Except Rugs
Drycleaning Plants, Except Rugs
Drycleaning Plants, Except Rugs
Drycleaning Plants, Except Rugs

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

B J DRY CLEANERS S SHIRT LAUNDRY (Continued)

1009477885

1986	B & J CLEANERS	Garment Pressing And Cleaners' Agents
1987	B & J CLEANERS	Garment Pressing And Cleaners' Agents
1988	B & J CLEANERS	Garment Pressing And Cleaners' Agents
1989	B & J CLEANERS	Garment Pressing And Cleaners' Agents

D11
SW
 < 1/8
 0.096 mi.
 506 ft.

SPEER FRANK C
17337 LAHSER AVE
DETROIT, MI

EDR Hist Auto

1009488238
 N/A

Site 3 of 5 in cluster D

Relative:
Higher

EDR Hist Auto

Actual:
 634 ft.

Year: Name:
 1935 SPEER FRANK C

Type:
 AUTOMOBILE REPAIRING

D12
SW
 < 1/8
 0.096 mi.
 506 ft.

MEDICAL MICROFILMING SYSTEMS INC
17337 LAHSER RD
DETROIT, MI 48219

RCRA NonGen / NLR
FINDS
ECHO

1000246693
MID056987506

Site 4 of 5 in cluster D

Relative:
Higher

RCRA NonGen / NLR:

Actual:
 634 ft.

Date Form Received by Agency:	19990426
Handler Name:	MEDICAL MICROFILMING SYSTEMS INC
Handler Address:	17337 LAHSER RD
Handler City,State,Zip:	DETROIT, MI 48219
EPA ID:	MID056987506
Contact Name:	WILLIAM HENKLE
Contact Address:	17337 LAHSER RD
Contact City,State,Zip:	DETROIT, MI 48219
Contact Telephone:	313-534-1100
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	05
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	17337 LAHSER RD
Mailing City,State,Zip:	DETROIT, MI 48219
Owner Name:	HENKLE WILLIAM R
Owner Type:	Private
Operator Name:	NAME NOT REPORTED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MEDICAL MICROFILMING SYSTEMS INC (Continued)

1000246693

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

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEDICAL MICROFILMING SYSTEMS INC (Continued)

1000246693

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

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

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

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

Historic Generators:

Receive Date: 19990426
Handler Name: MEDICAL MICROFILMING SYSTEMS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEDICAL MICROFILMING SYSTEMS INC (Continued)

1000246693

Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19851223
Handler Name: MEDICAL MICROFILMING SYSTEMS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 11131
NAICS Description: ORANGE GROVES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

FINDS:

Registry ID: 110003598492

Click Here:

Environmental Interest/Information System:

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

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

ECHO:

Envid: 1000246693
Registry ID: 110003598492
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110003598492>
Name: MEDICAL MICROFILMING SYSTEMS INC
Address: 17337 LAHSER RD
City,State,Zip: DETROIT, MI 48219

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

13
 SW
 < 1/8
 0.101 mi.
 535 ft.

US DEPT/JUSTICE DEA
17318 LAHSER RD
DETROIT, MI 48219

RCRA NonGen / NLR

1007095879
 MIK114426398

Relative:
Higher
Actual:
634 ft.

RCRA NonGen / NLR:		
Date Form Received by Agency:	US DEPT/JUSTICE DEA	20010921
Handler Name:		
Handler Address:		17318 LAHSER RD
Handler City,State,Zip:		DETROIT, MI 48219
EPA ID:		MIK114426398
Contact Name:		PHIL STRICKER
Contact Address:		17318 LAHSER RD
Contact City,State,Zip:		DETROIT, MI 48219
Contact Telephone:		313-234-4222
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		05
Land Type:		Other
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		431 HOWARD ST
Mailing City,State,Zip:		DETROIT, MI 48226
Owner Name:		Not reported
Owner Type:		Not reported
Operator Name:		Not reported
Operator Type:		Not reported
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

US DEPT/JUSTICE DEA (Continued)

1007095879

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

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Historic Generators:

Receive Date:	20010921
Handler Name:	US DEPT/JUSTICE DEA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56291
NAICS Description:	REMEDIATION SERVICES

Facility Has Received Notices of Violations:

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

US DEPT/JUSTICE DEA (Continued)

1007095879

Violations: No Violations Found

Evaluation Action Summary:
 Evaluations: No Evaluations Found

D14
WSW
< 1/8
0.110 mi.
583 ft.

SNYDER LOUIS M
17339 REDFORD AVE
DETROIT, MI
Site 5 of 5 in cluster D

EDR Hist Auto **1009488242**
N/A

Relative:
Lower

EDR Hist Auto

Actual:
632 ft.

Year: Name:
 1931 SNYDER LOUIS M

Type:
 AUTOMOBILE REPAIRING

E15
West
1/8-1/4
0.151 mi.
795 ft.

GRAND RIVER PROPERTY INVESTMENTS, LLC
22200 W GRAND RIVER AVE
DETROIT, MI 48219
Site 1 of 3 in cluster E

RCRA-VSQQ **1018157722**
FINDS **MIK729123001**
ECHO

Relative:
Lower

RCRA-VSQQ:

Actual:
630 ft.

Date Form Received by Agency:	20151201
Handler Name:	GRAND RIVER PROPERTY INVESTMENTS, LLC
Handler Address:	22200 W GRAND RIVER AVE
Handler City,State,Zip:	DETROIT, MI 48219
EPA ID:	MIK729123001
Contact Name:	JOSEPH F BOJI
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	248-931-7175
Contact Fax:	248-701-6369
Contact Email:	JOE@BOJIDEVELOPMENT.COM
Contact Title:	Not reported
EPA Region:	05
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	3100 NORTHWESTERN HWY.
Mailing City,State,Zip:	FARMINGTON HILLS, MI 48334
Owner Name:	GRAND RIVER PROPERTY INVESTMENTS, LLC
Owner Type:	Private
Operator Name:	FAMILY DOLLAR STORES
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GRAND RIVER PROPERTY INVESTMENTS, LLC (Continued)

1018157722

Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20151209
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code: D001
 Waste Description: IGNITABLE WASTE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAND RIVER PROPERTY INVESTMENTS, LLC (Continued)

1018157722

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: FAMILY DOLLAR STORES
Legal Status: Private
Date Became Current: 20120802
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: GRAND RIVER PROPERTY INVESTMENTS, LLC
Legal Status: Private
Date Became Current: 20110916
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20151201
Handler Name: GRAND RIVER PROPERTY INVESTMENTS, LLC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 452990
NAICS Description: ALL OTHER GENERAL MERCHANDISE STORES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

FINDS:

Registry ID: 110064668694

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAND RIVER PROPERTY INVESTMENTS, LLC (Continued)

1018157722

Click Here:

Environmental Interest/Information System:

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

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

ECHO:

Envid: 1018157722
Registry ID: 110064668694
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110064668694>
Name: GRAND RIVER PROPERTY INVESTMENTS, LLC
Address: 22200 W GRAND RIVER AVE
City,State,Zip: DETROIT, MI 48219

E16
West
1/8-1/4
0.151 mi.
795 ft.

22200 WEST GRAND RIVER AVENUE
22200 WEST GRAND RIVER AVENUE
DETROIT, MI 48219

INVENTORY **S118150653**
BEA **N/A**
WDS

Site 2 of 3 in cluster E

Relative:
Lower

INVENTORY:

Name: 22200 WEST GRAND RIVER AVENUE
Address: 22200 WEST GRAND RIVER AVENUE
City,State,Zip: DETROIT, MI 48219
Township: Not reported
District: Warren
Data Source: Risks Not Determined
Location ID: 82392
Lust Name: Not reported
Regulatory Program: 201
Release Status: Not reported
Project Manager: Alger, Brandon
Latitude: 42.41786833
Longitude: -83.25974313

Actual:
630 ft.

BEA:

Name: 22200 WEST GRAND RIVER AVENUE
Address: 22200 WEST GRAND RIVER AVENUE
City,State,Zip: DETROIT, MI 48219
Secondary Address: Not reported
BEA Number: Not reported
District: Not reported
Date Received: 02/04/2021
Submitter Name: Not reported
Petition Determination: Not reported
Petition Disclosure: Not reported
Category: Not reported
Determination 20107A: Not reported
Reviewer: Not reported
Division Assigned: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

22200 WEST GRAND RIVER AVENUE (Continued)

S118150653

Location ID: 82008565
Submittal Type: Baseline Environmental Assessment
Submittal Number: 82008565-BEA-1
Approval Status: In Review
Workflow Status: Submitted
Date Submitted: Not reported
Date Completed: 1/25/2021
Township: Not reported
Work Unit: Warren
Comments: Not reported
Organization: Trident Investments LLC
Contact: Rajkumar, Raj
Contact Type: Prospective Owner

WDS:

Name: GRAND RIVER PROPERTY INVESTMENTS, LLC
Address: 22200 W GRAND RIVER AVE
City,State,Zip: DETROIT, MI 48219
Site Id: MIK729123001
WMD Id: 494957
Site Specific Name: FAMILY DOLLAR
Mailing Address: 3100 NORTHWESTERN HWY.
Mailing City/State/Zip: 48334
Mailing County: OAKLAND

17
WNW
1/8-1/4
0.162 mi.
853 ft.

COOLEY STREET MERCURY RESPONSE
17534 COOLEY STREET
DETROIT, MI 48219

SEMS 1018148970
MIN000510960

Relative:
Lower
Actual:
632 ft.

SEMS:

Site ID: 0510960
EPA ID: MIN000510960
Name: COOLEY STREET MERCURY RESPONSE
Address: 17534 COOLEY STREET
Address 2: Not reported
City,State,Zip: DETROIT, MI 48219
Cong District: 13
FIPS Code: 26163
Latitude: Not reported
Longitude: Not reported
FF: N
NPL: Not on the NPL
Non NPL Status: Removal Only Site (No Site Assessment Work Needed)

SEMS Detail:

Region: 05
Site ID: 0510960
EPA ID: MIN000510960
Site Name: COOLEY STREET MERCURY RESPONSE
NPL: N
FF: N
OU: 00
Action Code: RV
Action Name: RMVL
SEQ: 1
Start Date: 2013-10-01 05:00:00

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

COOLEY STREET MERCURY RESPONSE (Continued)

1018148970

Finish Date: 10/1/2013
 Qual: S
 Current Action Lead: EPA Perf

**18
 SSE
 1/8-1/4
 0.176 mi.
 930 ft.**

**RUDY CARR CO
 21560 GRAND RIVER AVE
 DETROIT, MI 48219**

**RCRA NonGen / NLR
 FINDS
 ECHO**

**1000351706
 MID005383997**

**Relative:
 Higher
 Actual:
 634 ft.**

RCRA NonGen / NLR:		
Date Form Received by Agency:		20020715
Handler Name:	RUDY CARR CO	
Handler Address:		21560 GRAND RIVER AVE
Handler City,State,Zip:		DETROIT, MI 48219
EPA ID:		MID005383997
Contact Name:		ROBINSON NALL
Contact Address:		21560 GRAND RIVER AVE
Contact City,State,Zip:		DETROIT, MI 48219
Contact Telephone:		313-535-2960
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		05
Land Type:		Other
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		21560 GRAND RIVER AVE
Mailing City,State,Zip:		DETROIT, MI 48219
Owner Name:		NO ACTIVE O/OP AS NOT GENERATING WASTE
Owner Type:		Private
Operator Name:		NO ACTIVE O/OP AS NOT GENERATING WASTE
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

RUDY CARR CO (Continued)

1000351706

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

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NO ACTIVE O/OP AS NOT GENERATING WASTE
Legal Status:	Private
Date Became Current:	20020716
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City, State, Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
---------------------------	-------

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RUDY CARR CO (Continued)

1000351706

Owner/Operator Name: NO ACTIVE O/OP AS NOT GENERATING WASTE
Legal Status: Private
Date Became Current: 20020716
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NO ACTIVE O/OP AS NOT GENERATING WASTE
Legal Status: Private
Date Became Current: 20020716
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NO ACTIVE O/OP AS NOT GENERATING WASTE
Legal Status: Private
Date Became Current: 20020716
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20020715
Handler Name: RUDY CARR CO
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19800722
Handler Name: RUDY CARR CO
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RUDY CARR CO (Continued)

1000351706

Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 11131
NAICS Description: ORANGE GROVES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

FINDS:

Registry ID: 110003581758

Click Here:

Environmental Interest/Information System:

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

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

ECHO:

Envid: 1000351706
Registry ID: 110003581758
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110003581758>
Name: RUDY CARR CO
Address: 21560 GRAND RIVER AVE
City,State,Zip: DETROIT, MI 48219

E19
WSW
1/8-1/4
0.181 mi.
957 ft.

22222 W. GRAND RIVER AVE
22222 W. GRAND RIVER AVE
WAYNE (County), MI 48219

Site 3 of 3 in cluster E

INVENTORY S105768270
BEA N/A

Relative:
Lower
Actual:
631 ft.

INVENTORY:
Name: 22222 W. GRAND RIVER AVE
Address: 22222 W. GRAND RIVER AVE
City,State,Zip: MI 48219
Township: Detroit
District: Warren
Data Source: Risks Not Determined
Location ID: 76416
Lust Name: Not reported
Regulatory Program: 001
Release Status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

22222 W. GRAND RIVER AVE (Continued)

S105768270

Project Manager: Owens, Paul
Latitude: 42.4176
Longitude: -83.2603

BEA:

Name: Not reported
Address: 22222 W. GRAND RIVER AVE
City,State,Zip: DETROIT, MI 48219
Secondary Address: Not reported
BEA Number: 1511
District: Southeast MI
Date Received: 10/01/2001
Submitter Name: Wendy's International Inc.
Petition Determination: No Request
Petition Disclosure: 0
Category: N
Determination 20107A: No Request
Reviewer: williaht
Division Assigned: ERD
Location ID: Not reported
Submittal Type: Not reported
Submittal Number: Not reported
Approval Status: Not reported
Workflow Status: Not reported
Date Submitted: Not reported
Date Completed: Not reported
Township: Not reported
Work Unit: Not reported
Comments: Not reported
Organization: Not reported
Contact: Not reported
Contact Type: Not reported

Name: 22222 W. GRAND RIVER AVE
Address: 22222 W. GRAND RIVER AVE
City,State,Zip: MI 48219
Secondary Address: Not reported
BEA Number: Not reported
District: Not reported
Date Received: 10/01/2001
Submitter Name: Not reported
Petition Determination: Not reported
Petition Disclosure: Not reported
Category: Not reported
Determination 20107A: Not reported
Reviewer: Not reported
Division Assigned: Not reported
Location ID: 82007516
Submittal Type: Baseline Environmental Assessment
Submittal Number: B200101511LV
Approval Status: RRD Received
Workflow Status: Submitted
Date Submitted: 2004-01-31 07:29:04
Date Completed: Not reported
Township: Detroit
Work Unit: Warren
Comments: RECORD CENTER - 895127 - BEA157

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

22222 W. GRAND RIVER AVE (Continued)

S105768270

Organization: Wendy's International Inc.
 Contact: Brian Mruzik
 Contact Type: Submitter Contact

F20
SSW
1/8-1/4
0.201 mi.
1062 ft.

MICHIGAN BELL TELEPHONE COMPANY
17151 LAHSER RD
DETROIT, MI 48219

RCRA-VSQQ **1000772032**
FINDS **MID980615025**
ECHO

Site 1 of 2 in cluster F

Relative:
Lower
Actual:
633 ft.

RCRA-VSQQ:
 Date Form Received by Agency: 20020124
 Handler Name: MICHIGAN BELL TELEPHONE COMPANY
 Handler Address: 17151 LAHSER RD
 Handler City,State,Zip: DETROIT, MI 48219
 EPA ID: MID980615025
 Contact Name: MANDY BOHLMANN
 Contact Address: 17151 LAHSER RD
 Contact City,State,Zip: DETROIT, MI 48219
 Contact Telephone: 877-648-2073
 Contact Fax: Not reported
 Contact Email: Not reported
 Contact Title: Not reported
 EPA Region: 05
 Land Type: Private
 Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 36 S FAIRVIEW AVE
 Mailing City,State,Zip: PARK RIDGE, IL 60068
 Owner Name: AMERITECH CORP
 Owner Type: Private
 Operator Name: AMERITECH CORP
 Operator Type: Private
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No
 Universal Waste Destination Facility: No
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: Not reported
 Hazardous Secondary Material Indicator: NN
 Sub-Part K Indicator: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MICHIGAN BELL TELEPHONE COMPANY (Continued)

1000772032

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

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMERITECH CORP
Legal Status:	Private
Date Became Current:	19980630
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AMERITECH CORP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MICHIGAN BELL TELEPHONE COMPANY (Continued)

1000772032

Legal Status:	Private
Date Became Current:	19980630
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AMERITECH CORP
Legal Status:	Private
Date Became Current:	19980630
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMERITECH CORP
Legal Status:	Private
Date Became Current:	19980630
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AMERITECH CORP
Legal Status:	Private
Date Became Current:	19980630
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMERITECH CORP
Legal Status:	Private
Date Became Current:	19980630
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MICHIGAN BELL TELEPHONE COMPANY (Continued)

1000772032

Historic Generators:

Receive Date: 19980917
Handler Name: MICHIGAN BELL TELEPHONE COMPANY
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20020124
Handler Name: MICHIGAN BELL TELEPHONE COMPANY
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19811208
Handler Name: MICHIGAN BELL TELEPHONE COMPANY
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 51711
NAICS Description: WIRED TELECOMMUNICATIONS CARRIERS

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

FINDS:

Registry ID: 110003616445

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MICHIGAN BELL TELEPHONE COMPANY (Continued)

1000772032

Click Here:

Environmental Interest/Information System:

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

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

ECHO:

Envid: 1000772032
Registry ID: 110003616445
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110003616445>
Name: MICHIGAN BELL TELEPHONE COMPANY
Address: 17151 LAHSER RD
City,State,Zip: DETROIT, MI 48219

F21
SSW
1/8-1/4
0.201 mi.
1062 ft.

DETROIT REDFORD CO (M62110)
17151 LAHSER RD
DETROIT, MI 48219
Site 2 of 2 in cluster F

UST U003322278
N/A

Relative:
Lower
Actual:
633 ft.

UST:
Name: DETROIT REDFORD CO (M62110)
Address: 17151 LAHSER RD
City,State,Zip: DETROIT 48219-3206
Facility Type: ACTIVE
Facility ID: 00011689
Owner Name: AT&T MICHIGAN
Owner Address: 308 S AKARD STE 1700
Owner City: DALLAS
Owner State: TX
Owner Zip: 75202
Owner Contact: Not reported
Owner Phone: 8776482073
Contact: Chris McCaslin
Contact Phone: (214) 464-5553
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 3
Capacity: 15000
Tank Status: Currently In Use
Substance: Kerosene
Install Date: 01/01/1991
Remove Date: Not reported
Tank Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DETROIT REDFORD CO (M62110) (Continued)

U003322278

Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Not reported
Piping Type: Not reported
Tank Construction: Not reported
Impressed Device: Not reported
Latitude: 42.41507
Longitude: -83.25784

Name: DETROIT REDFORD CO (M62110)
Address: 17151 LAHSER RD
City,State,Zip: DETROIT 48219-3206
Facility Type: ACTIVE
Facility ID: 00011689
Owner Name: AT&T MICHIGAN
Owner Address: 308 S AKARD STE 1700
Owner City: DALLAS
Owner State: TX
Owner Zip: 75202
Owner Contact: Not reported
Owner Phone: 8776482073
Contact: Chris McCaslin
Contact Phone: (214) 464-5553
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 2
Capacity: 15000
Tank Status: Closed in Ground
Substance: Kerosene
Install Date: 05/08/1969
Remove Date: 11/18/1991
Tank Number: Not reported
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Not reported
Piping Type: Not reported
Tank Construction: Not reported
Impressed Device: Not reported
Latitude: 42.41507
Longitude: -83.25784

Name: DETROIT REDFORD CO (M62110)
Address: 17151 LAHSER RD
City,State,Zip: DETROIT 48219-3206
Facility Type: ACTIVE
Facility ID: 00011689
Owner Name: AT&T MICHIGAN
Owner Address: 308 S AKARD STE 1700

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DETROIT REDFORD CO (M62110) (Continued)

U003322278

Owner City: DALLAS
 Owner State: TX
 Owner Zip: 75202
 Owner Contact: Not reported
 Owner Phone: 8776482073
 Contact: Chris McCaslin
 Contact Phone: (214) 464-5553
 Date of Collection: 01/11/2001
 Accuracy: 100
 Horizontal Datum: NAD83
 Accuracy Value Unit: FEET
 Source: STATE OF MICHIGAN
 Point Line Area: POINT
 Desc Category: Plant Entrance (Freight)
 Method of Collection: Address Matching-House Number
 District: Region 1 - SE Michigan District Office
 Tank ID: 1
 Capacity: 15000
 Tank Status: Closed in Ground
 Substance: Kerosene
 Install Date: 05/08/1969
 Remove Date: 11/18/1991
 Tank Number: Not reported
 Tank Details Compartments: Not reported
 Tank Release Detection: Not reported
 Pipe Release Detection: Not reported
 Piping Material: Not reported
 Piping Type: Not reported
 Tank Construction: Not reported
 Impressed Device: Not reported
 Latitude: 42.41507
 Longitude: -83.25784

**G22
 NE
 1/8-1/4
 0.204 mi.
 1075 ft.**

**DETROIT PUBLIC SCHOOLS
 18100 BENTLER ST
 DETROIT, MI 48219
 Site 1 of 2 in cluster G**

**RCRA-VSQG 1000465584
 MID985602234**

**Relative:
 Higher
 Actual:
 635 ft.**

RCRA-VSQG:
 Date Form Received by Agency: 20110831
 Handler Name: DETROIT PUBLIC SCHOOLS
 Handler Address: 18100 BENTLER ST
 Handler City,State,Zip: DETROIT, MI 48219
 EPA ID: MID985602234
 Contact Name: MATHEW SAM
 Contact Address: Not reported
 Contact City,State,Zip: Not reported
 Contact Telephone: 313-578-7431
 Contact Fax: 313-578-7002
 Contact Email: MATHEWSAM@DETROITK12.ORG
 Contact Title: Not reported
 EPA Region: 05
 Land Type: District
 Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DETROIT PUBLIC SCHOOLS (Continued)

1000465584

Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1425 E WARREN AVE
Mailing City,State,Zip:	DETROIT, MI 48207
Owner Name:	DETROIT PUBLIC SCHOOLS
Owner Type:	District
Operator Name:	DETROIT PUBLIC SCHOOLS
Operator Type:	District
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20120208

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DETROIT PUBLIC SCHOOLS (Continued)

1000465584

Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DETROIT PUBLIC SCHOOLS
Legal Status:	District
Date Became Current:	19240901
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DETROIT PUBLIC SCHOOLS
Legal Status:	District
Date Became Current:	19240901
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DETROIT PUBLIC SCHOOLS
Legal Status:	District
Date Became Current:	19240901
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DETROIT PUBLIC SCHOOLS
Legal Status:	District
Date Became Current:	19240901
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DETROIT PUBLIC SCHOOLS (Continued)

1000465584

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

Owner/Operator Indicator: Operator
Owner/Operator Name: DETROIT PUBLIC SCHOOLS
Legal Status: District
Date Became Current: 19240901
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: DETROIT PUBLIC SCHOOLS
Legal Status: District
Date Became Current: 19240901
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: DETROIT PUBLIC SCHOOLS
Legal Status: District
Date Became Current: 19240901
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: DETROIT PUBLIC SCHOOLS
Legal Status: District
Date Became Current: 19240901
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19901218
Handler Name: DETROIT PUBLIC SCHOOLS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DETROIT PUBLIC SCHOOLS (Continued)

1000465584

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

Receive Date: 20020930
Handler Name: DETROIT PUBLIC SCHOOLS
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20100820
Handler Name: DETROIT PUBLIC SCHOOLS
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20110831
Handler Name: DETROIT PUBLIC SCHOOLS
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 61111
NAICS Description: ELEMENTARY AND SECONDARY SCHOOLS

Facility Has Received Notices of Violations:

Violations: No Violations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DETROIT PUBLIC SCHOOLS (Continued)

1000465584

Evaluation Action Summary:
 Evaluations:

No Evaluations Found

G23
NE
1/8-1/4
0.204 mi.
1075 ft.

DETROIT PUBLIC SCHOOLS
18100 BENTLER ST
DETROIT, MI 48219

INVENTORY **S111131802**
BEA **N/A**
WDS

Site 2 of 2 in cluster G

Relative:
Higher
Actual:
635 ft.

INVENTORY:
 Name: 18100 BENTLER STREET
 Address: 18100 BENTLER STREET
 City,State,Zip: MI 48219
 Township: Detroit
 District: Warren
 Data Source: Risks Not Determined
 Location ID: 76276
 Lust Name: Not reported
 Regulatory Program: 01
 Release Status: Not reported
 Project Manager: Owens, Paul
 Latitude: NaN
 Longitude: NaN

BEA:

Name: 18100 BENTLER STREET
 Address: 18100 BENTLER STREET
 City,State,Zip: MI 48219
 Secondary Address: Not reported
 BEA Number: Not reported
 District: Not reported
 Date Received: 04/01/2015
 Submitter Name: Not reported
 Petition Determination: Not reported
 Petition Disclosure: Not reported
 Category: Not reported
 Determination 20107A: Not reported
 Reviewer: Not reported
 Division Assigned: Not reported
 Location ID: 82007376
 Submittal Type: Baseline Environmental Assessment
 Submittal Number: B201506432LV
 Approval Status: RRD Received
 Workflow Status: Submitted
 Date Submitted: 2015-04-14 11:05:57
 Date Completed: Not reported
 Township: Detroit
 Work Unit: Warren
 Comments:

Category B1 REVIEW CONCLUSION: BEA identifies a new concern, in whole or in part, and assessment of the available information indicates no imminent, ongoing or evident future significant risk exists. Six soil samples were analyzed for VOCs, PNAs, MI 10 metals, and PCBs. Groundwater was not encountered. VOCs, PNAs, and PCBs were not detected in soil samples. Arsenic in soil was detected above residential DC, DWP, and GSIP criteria. Chromium was detected in soil above residential DWP and G

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DETROIT PUBLIC SCHOOLS (Continued)

S111131802

Organization: The City of Detroit
Contact: Ms. Debra Hagerty
Contact Type: Submitter Contact

Name: 18100 BENTLER STREET
Address: 18100 BENTLER STREET
City,State,Zip: MI 48219
Secondary Address: Not reported
BEA Number: Not reported
District: Not reported
Date Received: 06/23/2010
Submitter Name: Not reported
Petition Determination: Not reported
Petition Disclosure: Not reported
Category: Not reported
Determination 20107A: Not reported
Reviewer: Not reported
Division Assigned: Not reported
Location ID: 82007376
Submittal Type: Baseline Environmental Assessment
Submittal Number: P201004468LV
Approval Status: RRD Received
Workflow Status: Submitted
Date Submitted: 2010-06-23 13:31:55
Date Completed: Not reported
Township: Detroit
Work Unit: Warren
Comments: Check # 34083 for \$750 by DAI Environmental, included with BEA. BEA originally received on 6/10/10 incomplete. Received revised form on 6/23/10. EQP4476 included with BEA. PAS 7-19-10 email to consultant outlining deficiencies - Rule 907(f) and 907(g). 8-25-10 no response to email received. After more than 15 days had elapsed without a response, the BEA was officially denied.

Organization: Fifth Third Bank
Contact: Mr. Kyle Odum
Contact Type: Submitter Contact

WDS:

Name: DETROIT PUBLIC SCHOOLS
Address: 18100 BENTLER ST
City,State,Zip: DETROIT, MI 48219
Site Id: MID985602234
WMD Id: 404198
Site Specific Name: HOLCOMB ELEM SCHOOL
Mailing Address: 1425 E WARREN AVE
Mailing City/State/Zip: 48207
Mailing County: WAYNE

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

24
SSW
1/8-1/4
0.226 mi.
1191 ft.

B & D GAS MART INC
21740 W MCNICHOLS RD
DETROIT, MI 48219

LUST U003659157
UST N/A
INVENTORY
Financial Assurance

Relative:
Lower
Actual:
631 ft.

LUST:
Name: B & D GAS MART INC
Address: 21740 W MCNICHOLS RD
City,State,Zip: DETROIT, MI 48219-
Facility ID: 00037354
Source: STATE OF MICHIGAN
Owner Name: B& D Gas Mart Inc
Owner Address: Not reported
Owner City,St,Zip: UNKNOWN, MI
Owner Contact: Not reported
Owner Phone: Not reported
Country: USA
District: Warren
Site Name: B & D Gas Mart Inc
Latitude: 42.41484
Longitude: -83.25672
Date of Collection: 01/11/2001
Method of Collection: Address Matching-House Number
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Regulatory Program: Not reported
Risk Condition: Not reported
Project Manager: Not reported
Senate District: Not reported
House District: Not reported
US Congressional District: Not reported

Leak Number: C-0008-05
Release Date: 02/05/2004
Substance Released: Gasoline,Gasoline,Gasoline
Release Status: Closed
Release Closed Date: 10/04/2005

UST:
Name: B & D GAS MART INC
Address: 21740 W MCNICHOLS RD
City,State,Zip: DETROIT 48219-3286
Facility Type: ACTIVE
Facility ID: 00037354
Owner Name: B & D GAS MART INC
Owner Address: 21740 W 6 MILE
Owner City: DETROIT
Owner State: MI
Owner Zip: 48219
Owner Contact: Not reported
Owner Phone: 3132555708
Contact: MOHAMAD BAYDOUN
Contact Phone: (313) 255-5708
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B & D GAS MART INC (Continued)

U003659157

Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 3
Capacity: 4000
Tank Status: Currently In Use
Substance: Gasoline
Install Date: 01/01/1993
Remove Date: Not reported
Tank Number: Not reported
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Not reported
Piping Type: Not reported
Tank Construction: Not reported
Impressed Device: Not reported
Latitude: 42.41484
Longitude: -83.25672

Name: B & D GAS MART INC
Address: 21740 W MCNICHOLS RD
City,State,Zip: DETROIT 48219-3286
Facility Type: ACTIVE
Facility ID: 00037354
Owner Name: B & D GAS MART INC
Owner Address: 21740 W 6 MILE
Owner City: DETROIT
Owner State: MI
Owner Zip: 48219
Owner Contact: Not reported
Owner Phone: 3132555708
Contact: MOHAMAD BAYDOUN
Contact Phone: (313) 255-5708
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 2
Capacity: 10000
Tank Status: Currently In Use
Substance: Gasoline
Install Date: 01/01/1993
Remove Date: Not reported
Tank Number: Not reported
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B & D GAS MART INC (Continued)

U003659157

Piping Type: Not reported
Tank Construction: Not reported
Impressed Device: Not reported
Latitude: 42.41484
Longitude: -83.25672

Name: B & D GAS MART INC
Address: 21740 W MCNICHOLS RD
City,State,Zip: DETROIT 48219-3286
Facility Type: ACTIVE
Facility ID: 00037354
Owner Name: B & D GAS MART INC
Owner Address: 21740 W 6 MILE
Owner City: DETROIT
Owner State: MI
Owner Zip: 48219
Owner Contact: Not reported
Owner Phone: 3132555708
Contact: MOHAMAD BAYDOUN
Contact Phone: (313) 255-5708
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 1
Capacity: 10000
Tank Status: Currently In Use
Substance: Gasoline
Install Date: 01/01/1993
Remove Date: Not reported
Tank Number: Not reported
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Not reported
Piping Type: Not reported
Tank Construction: Not reported
Impressed Device: Not reported
Latitude: 42.41484
Longitude: -83.25672

INVENTORY:

Name: B & D GAS MART INC
Address: 21740 W MCNICHOLS RD
City,State,Zip: DETROIT, MI 48219
Township: Detroit
District: Warren
Data Source: Not reported
Location ID: 65075
Lust Name: B & D Gas Mart Inc
Regulatory Program: 13
Release Status: Closed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B & D GAS MART INC (Continued)

U003659157

Project Manager: Bah-Deh, Pewu
Latitude: 42.41484
Longitude: -83.256727

FINANCIAL ASSURANCE 3:

Name: B & D GAS MART INC
Address: 21740 W MCNICHOLS RD
City,State,Zip: DETROIT, MI 48219-3286
Facility ID: 00037354
Exempt: No
Expiration Date: 10/01/2021
Bond Rating Tests: Not reported
Commerical Insurance: Not reported
Guarantee: Not reported
Letter of Credit: Not reported
Risk Retention Group: Not reported
Self Insurance: Not reported
State Funds: CHECKED
Surety Bond: Not reported
Trust Funds: Not reported
Year: 2020

25
West
1/8-1/4
0.236 mi.
1246 ft.

OLSON OLDSMOBILE INC
22326 GRAND RIVER AVE
DETROIT, MI 48219

UST 1000337236
RCRA NonGen / NLR MID016959744
FINDS
ECHO

Relative:
Lower
Actual:
632 ft.

UST:
Name: OLSON OLDSMOBILE INC
Address: 22326 GRAND RIVER AVE
City,State,Zip: DETROIT 48219-3147
Facility Type: CLOSED
Facility ID: 00001674
Owner Name: OLSON OLDS INC
Owner Address: 22326 GRAND RIVER AVE
Owner City: DETROIT
Owner State: MI
Owner Zip: 48219-3147
Owner Contact: Not reported
Owner Phone: 3135347200
Contact: OLSON OLDSMOBILE, INC.
Contact Phone: (313) 534-7200
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 1
Capacity: 500
Tank Status: Removed from Ground
Substance: Used Oil
Install Date: 03/28/1976

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

OLSON OLDSMOBILE INC (Continued)

1000337236

Remove Date: 11/11/1991
 Tank Number: Not reported
 Tank Details Compartments: Not reported
 Tank Release Detection: Not reported
 Pipe Release Detection: Not reported
 Piping Material: Not reported
 Piping Type: Not reported
 Tank Construction: Not reported
 Impressed Device: Not reported
 Latitude: 42.41817
 Longitude: -83.26168

RCRA NonGen / NLR:

Date Form Received by Agency:	20021231
Handler Name:	OLSON OLDSMOBILE INC
Handler Address:	22326 GRAND RIVER AVE
Handler City,State,Zip:	DETROIT, MI 48219
EPA ID:	MID016959744
Contact Name:	CHET CAMPBELL
Contact Address:	22326 GRAND RIVER AVE
Contact City,State,Zip:	DETROIT, MI 48219
Contact Telephone:	313-534-7200
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	05
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	22326 GRAND RIVER AVE
Mailing City,State,Zip:	DETROIT, MI 48219
Owner Name:	NO ACTIVE O/OP AS NOT GENERATING WASTE
Owner Type:	Private
Operator Name:	NO ACTIVE O/OP AS NOT GENERATING WASTE
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

OLSON OLDSMOBILE INC (Continued)

1000337236

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

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NO ACTIVE O/OP AS NOT GENERATING WASTE
Legal Status:	Private
Date Became Current:	20020101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OLSON OLDSMOBILE INC (Continued)

1000337236

Owner/Operator Indicator: Owner
Owner/Operator Name: NO ACTIVE O/OP AS NOT GENERATING WASTE
Legal Status: Private
Date Became Current: 20020101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NO ACTIVE O/OP AS NOT GENERATING WASTE
Legal Status: Private
Date Became Current: 20020101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NO ACTIVE O/OP AS NOT GENERATING WASTE
Legal Status: Private
Date Became Current: 20020101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20021231
Handler Name: OLSON OLDSMOBILE INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19861110
Handler Name: OLSON OLDSMOBILE INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OLSON OLDSMOBILE INC (Continued)

1000337236

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 11131
NAICS Description: ORANGE GROVES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

FINDS:

Registry ID: 110003587306

Click Here:

Environmental Interest/Information System:

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

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

ECHO:

Envid: 1000337236
Registry ID: 110003587306
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110003587306>
Name: OLSON OLDSMOBILE INC
Address: 22326 GRAND RIVER AVE
City,State,Zip: DETROIT, MI 48219

26
SSE
1/8-1/4
0.249 mi.
1314 ft.

21555 WEST MCNICHOLS ROAD
21555 WEST MCNICHOLS ROAD
WAYNE (County), MI 48219

INVENTORY S118470946
BEA N/A

Relative:
Lower
Actual:
633 ft.

INVENTORY:
Name: 21555 WEST MCNICHOLS ROAD
Address: 21555 WEST MCNICHOLS ROAD
City,State,Zip: MI 48219
Township: Detroit
District: Warren
Data Source: Risks Not Determined
Location ID: 76398
Lust Name: Not reported
Regulatory Program: 01

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

21555 WEST MCNICHOLS ROAD (Continued)

S118470946

Release Status: Not reported
Project Manager: Owens, Paul
Latitude: NaN
Longitude: NaN

BEA:

Name: 21555 WEST MCNICHOLS ROAD
Address: 21555 WEST MCNICHOLS ROAD
City,State,Zip: MI 48219
Secondary Address: Not reported
BEA Number: Not reported
District: Not reported
Date Received: 12/22/2015
Submitter Name: Not reported
Petition Determination: Not reported
Petition Disclosure: Not reported
Category: Not reported
Determination 20107A: Not reported
Reviewer: Not reported
Division Assigned: Not reported
Location ID: 82007498
Submittal Type: Baseline Environmental Assessment
Submittal Number: B201506825LV
Approval Status: RRD Received
Workflow Status: Submitted
Date Submitted: 2016-01-13 11:21:50
Date Completed: Not reported
Township: Detroit
Work Unit: Warren
Comments: Records Manager: Box 372, to Lansing on 6/29/17.
Organization: The City of Detroit
Contact: PSI, Inc.
Contact Type: Submitter Contact

H27 21431 WEST GRAND RIVER AVENUE
SSE 21431 WEST GRAND RIVER AVENUE
1/4-1/2 WAYNE (County), MI 48219
0.275 mi.
1453 ft. Site 1 of 2 in cluster H

INVENTORY S114038126
BEA N/A

Relative: INVENTORY:
Higher Name: 21431 WEST GRAND RIVER AVENUE
Actual: Address: 21431 WEST GRAND RIVER AVENUE
634 ft. City,State,Zip: MI 48219
Client Plot Township: Detroit
District: Warren
Data Source: Risks Not Determined
Location ID: 76392
Lust Name: Not reported
Regulatory Program: 01
Release Status: Not reported
Project Manager: Owens, Paul
Latitude: NaN
Longitude: NaN

BEA:

Name: 21431 WEST GRAND RIVER AVENUE

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

21431 WEST GRAND RIVER AVENUE (Continued)

S114038126

Address: 21431 WEST GRAND RIVER AVENUE
 City,State,Zip: MI 48219
 Secondary Address: Not reported
 BEA Number: Not reported
 District: Not reported
 Date Received: 05/14/2012
 Submitter Name: Not reported
 Petition Determination: Not reported
 Petition Disclosure: Not reported
 Category: Not reported
 Determination 20107A: Not reported
 Reviewer: Not reported
 Division Assigned: Not reported
 Location ID: 82007492
 Submittal Type: Baseline Environmental Assessment
 Submittal Number: B201205181LV
 Approval Status: RRD Received
 Workflow Status: Submitted
 Date Submitted: 2012-05-17 11:38:11
 Date Completed: Not reported
 Township: Detroit
 Work Unit: Warren
 Comments: ***File in Grand Rapids for scanning***
 Organization: Meijer, Inc.
 Contact: Brian Earl
 Contact Type: Submitter Contact

H28
SSE
 1/4-1/2
 0.275 mi.
 1453 ft.

REDFORD HIGH SCHOOL PROPERTY (FORMER)
21431 WEST GRAND RIVER AVENUE
DETROIT, MI 48219
Site 2 of 2 in cluster H

BEA S111832707
N/A

Relative:
Higher
Actual:
634 ft.
Client Plot

BEA:
 Name: REDFORD HIGH SCHOOL PROPERTY (FORMER)
 Address: 21431 WEST GRAND RIVER AVENUE
 City,State,Zip: DETROIT, MI 48219
 Secondary Address: Not reported
 BEA Number: 5181
 District: Southeast MI
 Date Received: 05/14/2012
 Submitter Name: Meijer, Inc.
 Petition Determination: No Request
 Petition Disclosure: 0
 Category: Not reported
 Determination 20107A: No Request
 Reviewer: scheelsj
 Division Assigned: RD
 Location ID: Not reported
 Submittal Type: Not reported
 Submittal Number: Not reported
 Approval Status: Not reported
 Workflow Status: Not reported
 Date Submitted: Not reported
 Date Completed: Not reported
 Township: Not reported
 Work Unit: Not reported
 Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDFORD HIGH SCHOOL PROPERTY (FORMER) (Continued)

S111832707

Organization: Not reported
Contact: Not reported
Contact Type: Not reported

29
SE
1/4-1/2
0.325 mi.
1716 ft.

AUTO ZONE INC
21174 W MCNICHOLS RD
DETROIT, MI 48219

LUST **U003330398**
UST **N/A**
INVENTORY
BEA

Relative:
Lower
Actual:
632 ft.

LUST:
Name: AUTO ZONE INC
Address: 21174 W MCNICHOLS RD
City,State,Zip: DETROIT, MI 48219-
Facility ID: 00039280
Source: STATE OF MICHIGAN
Owner Name: AutoZone Inc
Owner Address: Not reported
Owner City,St,Zip: UNKNOWN, MI
Owner Contact: Not reported
Owner Phone: Not reported
Country: USA
District: Warren
Site Name: Auto Zone Inc
Latitude: 42.41498
Longitude: -83.24984
Date of Collection: 01/11/2001
Method of Collection: Address Matching-House Number
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Regulatory Program: Not reported
Risk Condition: Not reported
Project Manager: Not reported
Senate District: Not reported
House District: Not reported
US Congressional District: Not reported

Leak Number: C-0095-97
Release Date: 02/20/1997
Substance Released: Unknown
Release Status: Open
Release Closed Date: Not reported

UST:
Name: AUTO ZONE INC
Address: 21174 W MCNICHOLS RD
City,State,Zip: DETROIT 48219-3929
Facility Type: CLOSED
Facility ID: 00039280
Owner Name: AUTO ZONE INC
Owner Address: 60 MADISON AVE 9TH FLOOR
Owner City: MEMPHIS
Owner State: TN
Owner Zip: 38103
Owner Contact: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTO ZONE INC (Continued)

U003330398

Owner Phone: 9014958743
Contact: JOHN COURT
Contact Phone: (901) 495-8812
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 4
Capacity: 2000
Tank Status: Removed from Ground
Substance: Other(UNK)
Install Date: Not reported
Remove Date: 02/20/1997
Tank Number: Not reported
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Not reported
Piping Type: Not reported
Tank Construction: Not reported
Impressed Device: Not reported
Latitude: 42.41498
Longitude: -83.24984

Name: AUTO ZONE INC
Address: 21174 W MCNICHOLS RD
City,State,Zip: DETROIT 48219-3929
Facility Type: CLOSED
Facility ID: 00039280
Owner Name: AUTO ZONE INC
Owner Address: 60 MADISON AVE 9TH FLOOR
Owner City: MEMPHIS
Owner State: TN
Owner Zip: 38103
Owner Contact: Not reported
Owner Phone: 9014958743
Contact: JOHN COURT
Contact Phone: (901) 495-8812
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 3
Capacity: 2000
Tank Status: Removed from Ground
Substance: Other(UNK)
Install Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTO ZONE INC (Continued)

U003330398

Remove Date: 02/20/1997
Tank Number: Not reported
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Not reported
Piping Type: Not reported
Tank Construction: Not reported
Impressed Device: Not reported
Latitude: 42.41498
Longitude: -83.24984

Name: AUTO ZONE INC
Address: 21174 W MCNICHOLS RD
City,State,Zip: DETROIT 48219-3929
Facility Type: CLOSED
Facility ID: 00039280
Owner Name: AUTO ZONE INC
Owner Address: 60 MADISON AVE 9TH FLOOR
Owner City: MEMPHIS
Owner State: TN
Owner Zip: 38103
Owner Contact: Not reported
Owner Phone: 9014958743
Contact: JOHN COURT
Contact Phone: (901) 495-8812
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 2
Capacity: 2000
Tank Status: Removed from Ground
Substance: Other(UNK)
Install Date: Not reported
Remove Date: 02/20/1997
Tank Number: Not reported
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Not reported
Piping Type: Not reported
Tank Construction: Not reported
Impressed Device: Not reported
Latitude: 42.41498
Longitude: -83.24984

Name: AUTO ZONE INC
Address: 21174 W MCNICHOLS RD
City,State,Zip: DETROIT 48219-3929
Facility Type: CLOSED
Facility ID: 00039280

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTO ZONE INC (Continued)

U003330398

Owner Name: AUTO ZONE INC
Owner Address: 60 MADISON AVE 9TH FLOOR
Owner City: MEMPHIS
Owner State: TN
Owner Zip: 38103
Owner Contact: Not reported
Owner Phone: 9014958743
Contact: JOHN COURT
Contact Phone: (901) 495-8812
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 1
Capacity: 2000
Tank Status: Removed from Ground
Substance: Other(UNK)
Install Date: Not reported
Remove Date: 02/20/1997
Tank Number: Not reported
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Not reported
Piping Type: Not reported
Tank Construction: Not reported
Impressed Device: Not reported
Latitude: 42.41498
Longitude: -83.24984

INVENTORY:

Name: AUTO ZONE INC
Address: 21174 W MCNICHOLS RD
City,State,Zip: DETROIT, MI 48219
Township: Detroit
District: Warren
Data Source: Risks Present but Not Immediate
Location ID: 67089
Lust Name: Auto Zone Inc
Regulatory Program: 13
Release Status: Open
Project Manager: McGregor, Rick
Latitude: 42.414988
Longitude: -83.249847

Name: AUTO ZONE (FORMER)
Address: 21174 WEST MCNICHOLS ROAD
City,State,Zip: DETROIT, MI 48219
Township: Not reported
District: Warren
Data Source: Risks Not Determined
Location ID: 40093

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTO ZONE INC (Continued)

U003330398

Lust Name: Not reported
Regulatory Program: 001
Release Status: Not reported
Project Manager: Schlaufman, Jeanne
Latitude: 42.41519696
Longitude: -83.24982544

BEA:

Name: AUTO ZONE (FORMER)
Address: 21174 WEST MCNICHOLS ROAD
City,State,Zip: DETROIT, MI 48219
Secondary Address: Not reported
BEA Number: Not reported
District: Not reported
Date Received: 04/30/2019
Submitter Name: Not reported
Petition Determination: Not reported
Petition Disclosure: Not reported
Category: Not reported
Determination 20107A: Not reported
Reviewer: Not reported
Division Assigned: Not reported
Location ID: 82006968
Submittal Type: Baseline Environmental Assessment
Submittal Number: 82006968-BEA-1
Approval Status: RRD Received
Workflow Status: Submitted
Date Submitted: 2019-05-09 09:53:01
Date Completed: 2/28/2019
Township: Not reported
Work Unit: Warren
Comments: Not reported
Organization: NMN Holdings LLC
Contact: Williams, Michele
Contact Type: Owner

130 SE
1/4-1/2
0.327 mi.
1726 ft.

POLICE DEPARTMENT PRECINCT #8
21400 GRAND RIVER AVE
DETROIT, MI 48219
Site 1 of 3 in cluster I

LUST U003324307
UST N/A
INVENTORY
WDS

Relative:
Lower
Actual:
632 ft.
Client Plot

LUST:
Name: POLICE DEPARTMENT PRECINCT #8
Address: 21400 GRAND RIVER AVE
City,State,Zip: DETROIT, MI 48219-
Facility ID: 00019143
Source: STATE OF MICHIGAN
Owner Name: Cityof Detroit (GSD)
Owner Address: Not reported
Owner City,St,Zip: UNKNOWN, MI
Owner Contact: Not reported
Owner Phone: Not reported
Country: USA
District: Warren
Site Name: 8th Precinct
Latitude: 42.41472

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POLICE DEPARTMENT PRECINCT #8 (Continued)

U003324307

Longitude: -83.25297
Date of Collection: 01/11/2001
Method of Collection: Address Matching-House Number
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Regulatory Program: Not reported
Risk Condition: Not reported
Project Manager: Not reported
Senate District: Not reported
House District: Not reported
US Congressional District: Not reported

Leak Number: C-0340-05
Release Date: 12/19/2005
Substance Released: Gasoline
Release Status: Closed
Release Closed Date: 07/10/2006

Leak Number: C-0437-99
Release Date: 05/05/1999
Substance Released: Gasoline
Release Status: Closed
Release Closed Date: 09/22/1999

UST:

Name: POLICE DEPARTMENT PRECINCT #8
Address: 21400 GRAND RIVER AVE
City,State,Zip: DETROIT 48219-3834
Facility Type: CLOSED
Facility ID: 00019143
Owner Name: CITY OF DETROIT (GSD)
Owner Address: 65 CADILLAC SQ STE #3900
Owner City: DETROIT
Owner State: MI
Owner Zip: 48226
Owner Contact: Not reported
Owner Phone: 3136280900
Contact: Robert Hafel
Contact Phone: (313) 224-3958
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 1
Capacity: 15000
Tank Status: Removed from Ground
Substance: Gasoline
Install Date: 03/19/1973
Remove Date: 12/07/2005
Tank Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POLICE DEPARTMENT PRECINCT #8 (Continued)

U003324307

Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Not reported
Piping Type: Not reported
Tank Construction: Not reported
Impressed Device: Not reported
Latitude: 42.41472
Longitude: -83.25297

INVENTORY:

Name: POLICE DEPARTMENT PRECINCT #8
Address: 21400 GRAND RIVER AVE
City,State,Zip: DETROIT, MI 48219
Township: Detroit
District: Warren
Data Source: Not reported
Location ID: 62191
Lust Name: 8th Precinct
Regulatory Program: 13
Release Status: Closed
Project Manager: Bah-Deh, Pewu
Latitude: 42.414727
Longitude: -83.252972

WDS:

Name: CITY OF DETROIT POLICE DEPARTMENT
Address: 21400 GRAND RIVER AVE
City,State,Zip: DETROIT, MI 48219
Site Id: MI0000260570
WMD Id: 390861
Site Specific Name: CITY OF DETROIT POLICE PCT 16
Mailing Address: 8221 W DAVISON
Mailing City/State/Zip: 48238
Mailing County: WAYNE

I31
SE
1/4-1/2
0.336 mi.
1776 ft.

DETROIT POLICE 8TH PRECINCT (FORMER)
21310 GRAND RIVER
DETROIT, MI 48219

BEA S108414485
N/A

Site 2 of 3 in cluster I

Relative:
Lower
Actual:
632 ft.
Client Plot

BEA:
Name: DETROIT POLICE 8TH PRECINCT (FORMER)
Address: 21310 GRAND RIVER
City,State,Zip: DETROIT, MI 48219
Secondary Address: (21310-21400 Grand River)
BEA Number: 3498
District: Southeast MI
Date Received: 03/16/2007
Submitter Name: Grand River & Six Mile, LLC
Petition Determination: Affirmed
Petition Disclosure: 1
Category: N
Determination 20107A: No Request
Reviewer: schlaufj
Division Assigned: STD

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DETROIT POLICE 8TH PRECINCT (FORMER) (Continued)

S108414485

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

I32
SE
 1/4-1/2
 0.347 mi.
 1831 ft.

21310 GRAND RIVER (21310-21400 GRAND RIVER)
21310 GRAND RIVER (21310-21400 GRAND RIV; ER)
WAYNE (County), MI 48219

INVENTORY **S127499166**
BEA **N/A**

Site 3 of 3 in cluster I

Relative:
Lower
Actual:
632 ft.

INVENTORY:
 Name: 21310 GRAND RIVER (21310-21400 GRAND RIVER)
 Address: 21310 GRAND RIVER (21310-21400 GRAND RIV; ER)
 City,State,Zip: MI 48219
 Township: Detroit
 District: Warren
 Data Source: Risks Not Determined
 Location ID: 76389
 Lust Name: Not reported
 Regulatory Program: 201
 Release Status: Not reported
 Project Manager: Owens, Paul
 Latitude: NaN
 Longitude: NaN

BEA:

Name: 21310 GRAND RIVER (21310-21400 GRAND RIVER)
 Address: 21310 GRAND RIVER (21310-21400 GRAND RIV
 City,State,Zip: MI 48219
 Secondary Address: Not reported
 BEA Number: Not reported
 District: Not reported
 Date Received: 03/16/2007
 Submitter Name: Not reported
 Petition Determination: Not reported
 Petition Disclosure: Not reported
 Category: Not reported
 Determination 20107A: Not reported
 Reviewer: Not reported
 Division Assigned: Not reported
 Location ID: 82007489
 Submittal Type: Baseline Environmental Assessment
 Submittal Number: P200703498LV
 Approval Status: RRD Received
 Workflow Status: Submitted
 Date Submitted: 2007-03-19 09:57:07
 Date Completed: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

21310 GRAND RIVER (21310-21400 GRAND RIVER) (Continued)

S127499166

Township: Work Unit: Comments: Organization: Contact: Contact Type:	Detroit Warren Records Manager: Box 309, to Lansing on 8/19/16 Check 1017 in the amount of \$750.00 included with BEA. Paula Brown Category C Part 213 Facility ID #0-0019143 REVIEW CONCLUSION: BEA identifies a concern to be addressed by the City of Detroit. Release as closed as unrestricted residential by NTH working as QC for City of Detroit. Investigation conducted as part of the BEA process indicates that contamination is still present in the area of the former UST at concentrations above C Grand River & Six Mile, LLC 21st Century Resources, Inc. Submitter Contact
--	---

**33
 SE
 1/4-1/2
 0.431 mi.
 2277 ft.**

**FIRE DEPT ENGINE #54
 16825 TRINITY ST
 DETROIT, MI 48219**

**LUST U003330177
 UST N/A
 INVENTORY
 Financial Assurance
 WDS**

**Relative:
 Lower
 Actual:
 631 ft.**

LUST:

Name:	FIRE DEPT ENGINE #54
Address:	16825 TRINITY ST
City,State,Zip:	DETROIT, MI 48219-
Facility ID:	00019124
Source:	STATE OF MICHIGAN
Owner Name:	Cityof Detroit (GSD)
Owner Address:	Not reported
Owner City,St,Zip:	UNKNOWN, MI
Owner Contact:	Not reported
Owner Phone:	Not reported
Country:	USA
District:	Warren
Site Name:	Fire Dept Engine #54
Latitude:	42.41345
Longitude:	-83.24920
Date of Collection:	01/11/2001
Method of Collection:	Address Matching-House Number
Accuracy:	100
Accuracy Value Unit:	FEET
Horizontal Data:	NAD83
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Regulatory Program:	Not reported
Risk Condition:	Not reported
Project Manager:	Not reported
Senate District:	Not reported
House District:	Not reported
US Congressional District:	Not reported

Leak Number:	C-0585-96
Release Date:	08/12/1996
Substance Released:	Diesel
Release Status:	Closed
Release Closed Date:	08/25/1999

UST:

Name:	FIRE DEPT ENGINE #54
Address:	16825 TRINITY ST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIRE DEPT ENGINE #54 (Continued)

U003330177

City,State,Zip: DETROIT 48219-3981
Facility Type: ACTIVE
Facility ID: 00019124
Owner Name: CITY OF DETROIT (GSD)
Owner Address: 65 CADILLAC SQ STE #3900
Owner City: DETROIT
Owner State: MI
Owner Zip: 48226
Owner Contact: Not reported
Owner Phone: 3136280900
Contact: Ronald Rundidge
Contact Phone: (313) 932-7296
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 2
Capacity: 2000
Tank Status: Currently In Use
Substance: FL/CL
Install Date: 07/01/1997
Remove Date: Not reported
Tank Number: Not reported
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Not reported
Piping Type: Not reported
Tank Construction: Not reported
Impressed Device: Not reported
Latitude: 42.41345
Longitude: -83.24920

Name: FIRE DEPT ENGINE #54
Address: 16825 TRINITY ST
City,State,Zip: DETROIT 48219-3981
Facility Type: ACTIVE
Facility ID: 00019124
Owner Name: CITY OF DETROIT (GSD)
Owner Address: 65 CADILLAC SQ STE #3900
Owner City: DETROIT
Owner State: MI
Owner Zip: 48226
Owner Contact: Not reported
Owner Phone: 3136280900
Contact: Ronald Rundidge
Contact Phone: (313) 932-7296
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIRE DEPT ENGINE #54 (Continued)

U003330177

Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 1
Capacity: 2000
Tank Status: Removed from Ground
Substance: Diesel
Install Date: 03/19/1974
Remove Date: 08/12/1996
Tank Number: Not reported
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Not reported
Piping Type: Not reported
Tank Construction: Not reported
Impressed Device: Not reported
Latitude: 42.41345
Longitude: -83.24920

INVENTORY:

Name: FIRE DEPT ENGINE #54
Address: 16825 TRINITY ST
City,State,Zip: DETROIT, MI 48219
Township: Detroit
District: Warren
Data Source: Not reported
Location ID: 60815
Lust Name: Fire Dept Engine #54
Regulatory Program: 3
Release Status: Closed
Project Manager: Bah-Deh, Pewu
Latitude: 42.413459
Longitude: -83.249207

FINANCIAL ASSURANCE 3:

Name: FIRE DEPT ENGINE #54
Address: 16825 TRINITY ST
City,State,Zip: DETROIT, MI 48219-3981
Facility ID: 00019124
Exempt: No
Expiration Date: 06/30/2010
Bond Rating Tests: Not reported
Commerical Insurance: Not reported
Guarantee: Not reported
Letter of Credit: Not reported
Risk Retention Group: Not reported
Self Insurance: CHECKED
State Funds: Not reported
Surety Bond: Not reported
Trust Funds: Not reported
Year: 2010

WDS:

Name: CITY OF DETROIT FIRE DEPARTMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIRE DEPT ENGINE #54 (Continued)

U003330177

Address: 16825 TRINITY ST
City,State,Zip: DETROIT, MI 48219
Site Id: MI0000261032
WMD Id: 390870
Site Specific Name: CITY OF DETROIT FIRE ENG 54
Mailing Address: 8221 W DAVISON
Mailing City/State/Zip: 48238
Mailing County: WAYNE

**34
NE
1/2-1
0.903 mi.
4767 ft.**

**MNK SERVICES
20545 W 7 MILE RD
DETROIT, MI 48219**

**BROWNFIELDS PART 201 S107136048
N/A**

**Relative:
Higher**

BROWNFIELDS:
Facility ID: 00034048
Region: 1
Status: Not reported
Property Use: Not reported
BEA: Not reported
Ernie Id Number: 82001839

**Actual:
640 ft.**

PART 201:
Facility ID: 82001839
Facility Status: See Leaking Underground Storage Tank Site Database
Source: Gasoline Service Station
SAM Score: 27
SAM Score Date: 07/01/2004
Township: Not reported
Range: Not reported
Section: Not reported
Quarter: Not reported
Quarter/Quarter: Not reported
Pollutants: Not reported

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
NO SITES FOUND					

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/20/2021	Source: EPA
Date Data Arrived at EDR: 11/05/2021	Telephone: N/A
Date Made Active in Reports: 11/29/2021	Last EDR Contact: 12/01/2021
Number of Days to Update: 24	Next Scheduled EDR Contact: 01/10/2022
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/20/2021	Source: EPA
Date Data Arrived at EDR: 11/05/2021	Telephone: N/A
Date Made Active in Reports: 11/29/2021	Last EDR Contact: 12/01/2021
Number of Days to Update: 24	Next Scheduled EDR Contact: 01/10/2022
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: N/A
Last EDR Contact: 12/01/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 05/25/2021
Date Data Arrived at EDR: 06/24/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 10/01/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

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

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/01/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 10/20/2021	Source: EPA
Date Data Arrived at EDR: 11/05/2021	Telephone: 800-424-9346
Date Made Active in Reports: 11/29/2021	Last EDR Contact: 12/01/2021
Number of Days to Update: 24	Next Scheduled EDR Contact: 01/24/2022
	Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/13/2021	Source: EPA
Date Data Arrived at EDR: 09/15/2021	Telephone: 800-424-9346
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/04/2022
	Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 09/13/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/15/2021	Telephone: 312-886-6186
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/04/2022
	Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 09/13/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/15/2021	Telephone: 312-886-6186
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/04/2022
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 09/13/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/15/2021	Telephone: 312-886-6186
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/04/2022
	Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/13/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/15/2021	Telephone: 312-886-6186
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/04/2022
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 07/12/2021	Source: Department of the Navy
Date Data Arrived at EDR: 08/06/2021	Telephone: 843-820-7326
Date Made Active in Reports: 10/22/2021	Last EDR Contact: 11/08/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 02/21/2022
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 08/23/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/23/2021	Telephone: 703-603-0695
Date Made Active in Reports: 11/12/2021	Last EDR Contact: 11/18/2021
Number of Days to Update: 81	Next Scheduled EDR Contact: 03/06/2022
	Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 08/23/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/23/2021	Telephone: 703-603-0695
Date Made Active in Reports: 11/12/2021	Last EDR Contact: 11/19/2021
Number of Days to Update: 81	Next Scheduled EDR Contact: 03/07/2022
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/13/2021

Source: National Response Center, United States Coast Guard

Date Data Arrived at EDR: 09/21/2021

Telephone: 202-267-2180

Date Made Active in Reports: 12/15/2021

Last EDR Contact: 12/16/2021

Number of Days to Update: 85

Next Scheduled EDR Contact: 04/04/2022

Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

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

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

Date of Government Version: N/A

Source: Department of Environment, Great Lakes, and Energy

Date Data Arrived at EDR: 10/31/2013

Telephone: 517-284-5103

Date Made Active in Reports: 11/20/2013

Last EDR Contact: 10/18/2021

Number of Days to Update: 20

Next Scheduled EDR Contact: 01/31/2022

Data Release Frequency: No Update Planned

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: Solid Waste Facilities Database

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 09/20/2021

Source: Department of Environment, Great Lakes, and Energy

Date Data Arrived at EDR: 09/21/2021

Telephone: 517-335-4035

Date Made Active in Reports: 12/08/2021

Last EDR Contact: 12/16/2021

Number of Days to Update: 78

Next Scheduled EDR Contact: 04/04/2022

Data Release Frequency: Semi-Annually

Lists of state and tribal leaking storage tanks

LUST: Leaking Underground Storage Tank Sites

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 08/03/2021

Source: Department of Environment, Great Lakes, and Energy

Date Data Arrived at EDR: 08/04/2021

Telephone: 517-373-9837

Date Made Active in Reports: 10/28/2021

Last EDR Contact: 11/08/2021

Number of Days to Update: 85

Next Scheduled EDR Contact: 02/21/2022

Data Release Frequency: Annually

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/17/2021

Source: EPA Region 6

Date Data Arrived at EDR: 06/11/2021

Telephone: 214-665-6597

Date Made Active in Reports: 09/07/2021

Last EDR Contact: 11/15/2021

Number of Days to Update: 88

Next Scheduled EDR Contact: 01/31/2022

Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/28/2021
Date Data Arrived at EDR: 06/22/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/06/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 05/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 05/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 06/01/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/28/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

Lists of state and tribal registered storage tanks

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/29/2021	Source: FEMA
Date Data Arrived at EDR: 02/17/2021	Telephone: 202-646-5797
Date Made Active in Reports: 03/22/2021	Last EDR Contact: 11/01/2021
Number of Days to Update: 33	Next Scheduled EDR Contact: 01/17/2022
	Data Release Frequency: Varies

UST 2: Underground Storage Tank Listing

A listing of underground storage tank site locations that have unknown owner information.

Date of Government Version: 07/21/2021	Source: Department of Licensing & Regulatory Affairs
Date Data Arrived at EDR: 07/26/2021	Telephone: 517-373-1820
Date Made Active in Reports: 10/20/2021	Last EDR Contact: 10/22/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/24/2022
	Data Release Frequency: Varies

UST: Underground Storage Tank Facility List

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 04/26/2021	Source: Department of Licensing & Regulatory Affairs
Date Data Arrived at EDR: 05/11/2021	Telephone: 517-373-1820
Date Made Active in Reports: 07/29/2021	Last EDR Contact: 11/01/2021
Number of Days to Update: 79	Next Scheduled EDR Contact: 02/21/2022
	Data Release Frequency: Annually

AST: Aboveground Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 08/06/2021	Source: Department of Licensing & Regulatory Affairs
Date Data Arrived at EDR: 08/12/2021	Telephone: 517-373-1820
Date Made Active in Reports: 11/03/2021	Last EDR Contact: 11/22/2021
Number of Days to Update: 83	Next Scheduled EDR Contact: 02/21/2022
	Data Release Frequency: No Update Planned

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 05/27/2021	Source: EPA Region 8
Date Data Arrived at EDR: 06/11/2021	Telephone: 303-312-6137
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 11/15/2021
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/31/2022
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 05/27/2021	Source: EPA Region 9
Date Data Arrived at EDR: 06/11/2021	Telephone: 415-972-3368
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 11/15/2021
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/31/2022
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/28/2021
Date Data Arrived at EDR: 06/22/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/17/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/28/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/06/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 06/01/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AUL: Engineering and Institutional Controls

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

Date of Government Version: 11/15/2021

Date Data Arrived at EDR: 11/18/2021

Date Made Active in Reports: 12/14/2021

Number of Days to Update: 26

Source: Department of Environment, Great Lakes, and Energy

Telephone: 517-373-4828

Last EDR Contact: 11/16/2021

Next Scheduled EDR Contact: 03/07/2022

Data Release Frequency: Quarterly

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015

Date Data Arrived at EDR: 09/29/2015

Date Made Active in Reports: 02/18/2016

Number of Days to Update: 142

Source: EPA, Region 1

Telephone: 617-918-1102

Last EDR Contact: 12/14/2021

Next Scheduled EDR Contact: 04/04/2022

Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008

Date Data Arrived at EDR: 04/22/2008

Date Made Active in Reports: 05/19/2008

Number of Days to Update: 27

Source: EPA, Region 7

Telephone: 913-551-7365

Last EDR Contact: 07/08/2021

Next Scheduled EDR Contact: 07/20/2009

Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BROWNFIELDS: Brownfields and USTfield Site Database

All state funded Part 201 and 213 sites, as well as LUST sites that have been redeveloped by private entities using the BEA process. Be aware that this is not a list of all of the potential brownfield sites in Michigan.

Date of Government Version: 01/15/2016

Date Data Arrived at EDR: 02/02/2016

Date Made Active in Reports: 04/04/2016

Number of Days to Update: 62

Source: Department of Environment, Great Lakes, and Energy

Telephone: 517-373-4805

Last EDR Contact: 10/18/2021

Next Scheduled EDR Contact: 01/31/2022

Data Release Frequency: Varies

BROWNFIELDS 2: Brownfields Building and Land Site Locations

A listing of brownfield building and land site locations. The listing is a collaborative effort of Michigan Economic Development Corporation, Michigan Economic Developers Association, Detroit Edison, Detroit Area Commercial Board of Realtors

Date of Government Version: 07/19/2021

Date Data Arrived at EDR: 07/20/2021

Date Made Active in Reports: 10/08/2021

Number of Days to Update: 80

Source: Economic Development Corporation

Telephone: 888-522-0103

Last EDR Contact: 10/18/2021

Next Scheduled EDR Contact: 01/31/2022

Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/10/2021
Date Data Arrived at EDR: 06/10/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 68

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Recycling Facilities

A listing of recycling center locations.

Date of Government Version: 06/08/2021
Date Data Arrived at EDR: 06/09/2021
Date Made Active in Reports: 09/01/2021
Number of Days to Update: 84

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-241-5719
Last EDR Contact: 12/14/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Varies

HIST LF: Inactive Solid Waste Facilities

The database contains historical information and is no longer updated.

Date of Government Version: 03/01/1997
Date Data Arrived at EDR: 02/28/2003
Date Made Active in Reports: 03/06/2003
Number of Days to Update: 6

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-335-4034
Last EDR Contact: 02/28/2003
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/22/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/14/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 10/28/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 05/18/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 77

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: No Update Planned

PART 201: Part 201 Site List

A Part 201 Listed site is a location that has been evaluated and scored by the DEQ using the Part 201 scoring model. The location is or includes a "facility" as defined by Part 201, where there has been a release of a hazardous substance(s) in excess of the Part 201 residential criteria, and/or where corrective actions have not been completed under Part 201 to meet the applicable cleanup criteria for unrestricted residential use. The Part 201 List does not include all of the sites of contamination that are subject to regulation under Part 201 because owners are not required to inform the DEQ about the sites and can pursue cleanup independently. Sites of environmental contamination that are not known to DEQ are not on the list, nor are sites with releases that resulted in low environmental impact.

Date of Government Version: 10/01/2013
Date Data Arrived at EDR: 10/03/2014
Date Made Active in Reports: 10/03/2014
Number of Days to Update: 0

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-284-5103
Last EDR Contact: 07/22/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: No Update Planned

INVENTORY: Inventory of Facilities

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

Date of Government Version: 10/18/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 12/02/2021
Number of Days to Update: 44

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-284-5136
Last EDR Contact: 10/19/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Quarterly

CDL: Clandestine Drug Lab Listing

A listing of clandestine drug lab locations.

Date of Government Version: 07/21/2021
Date Data Arrived at EDR: 08/24/2021
Date Made Active in Reports: 11/18/2021
Number of Days to Update: 86

Source: Department of Community Health
Telephone: 517-373-3740
Last EDR Contact: 10/17/2021
Next Scheduled EDR Contact: 01/30/2022
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DEL PART 201: Delisted List of Contaminated Sites

A deleted site has been removed from the Part 201 List because information known to the DEQ at the time of the evaluation does not support inclusion on the Part 201 List. This designation is often applied to sites where changes in cleanup criteria resulted in a determination that the site no longer exceeds any applicable cleanup criterion.

A delisted site has been removed from the Part 201 List because response actions have reduced the levels of contaminants to concentrations which meet or are below the criteria for unrestricted residential use.

Date of Government Version: 08/01/2013
Date Data Arrived at EDR: 08/01/2013
Date Made Active in Reports: 09/11/2013
Number of Days to Update: 41

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-373-9541
Last EDR Contact: 07/22/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/18/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 77

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Quarterly

PFAS: PFAS Contaminated Sites Listing

PFAS have been widely used in numerous industrial and residential applications since the 1950s. Their stability and unique chemical properties produce waterproof, stain resistant, and nonstick qualities in products. They are found in some firefighting foams and a wide range of consumer products such as carpet treatments, non-stick cookware, water-resistant fabrics, food packaging materials, and personal care products.

Date of Government Version: 08/05/2021
Date Data Arrived at EDR: 08/10/2021
Date Made Active in Reports: 11/05/2021
Number of Days to Update: 87

Source: Department of Environment, Great Lakes & Energy
Telephone: 517-284-9278
Last EDR Contact: 11/12/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Varies

Local Land Records

LIENS: Lien List

An Environmental Lien is a charge, security, or encumbrance upon title to a property to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup, or other remediation of hazardous substances or petroleum products upon a property, including (but not limited to) liens imposed pursuant to CERCLA 42 USC * 9607(1) and similar state or local laws. In other words: a lien placed upon a property's title due to an environmental condition

Date of Government Version: 10/11/2019
Date Data Arrived at EDR: 10/17/2019
Date Made Active in Reports: 12/11/2019
Number of Days to Update: 55

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-241-7603
Last EDR Contact: 10/08/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 12/01/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/12/2021
Date Data Arrived at EDR: 09/13/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 15

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

PEAS: Pollution Emergency Alerting System

Environmental pollution emergencies reported to the Department of Environmental Quality such as tanker accidents, pipeline breaks, and release of reportable quantities of hazardous substances.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 07/26/2021
Date Made Active in Reports: 10/20/2021
Number of Days to Update: 86

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-373-8427
Last EDR Contact: 11/05/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Quarterly

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 08/10/2021
Date Data Arrived at EDR: 08/17/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 66

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/15/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018	Source: U.S. Geological Survey
Date Data Arrived at EDR: 04/11/2018	Telephone: 888-275-8747
Date Made Active in Reports: 11/06/2019	Last EDR Contact: 10/05/2021
Number of Days to Update: 574	Next Scheduled EDR Contact: 01/17/2022
	Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2017	Telephone: 615-532-8599
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 11/08/2021
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/21/2022
	Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 09/13/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/15/2021	Telephone: 202-566-1917
Date Made Active in Reports: 09/28/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 13	Next Scheduled EDR Contact: 04/04/2022
	Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 11/01/2021
Number of Days to Update: 88	Next Scheduled EDR Contact: 02/14/2022
	Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 11/05/2021
Number of Days to Update: 73	Next Scheduled EDR Contact: 02/14/2022
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 06/17/2020	Telephone: 202-260-5521
Date Made Active in Reports: 09/10/2020	Last EDR Contact: 12/17/2021
Number of Days to Update: 85	Next Scheduled EDR Contact: 03/28/2022
	Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018	Source: EPA
Date Data Arrived at EDR: 08/14/2020	Telephone: 202-566-0250
Date Made Active in Reports: 11/04/2020	Last EDR Contact: 11/16/2021
Number of Days to Update: 82	Next Scheduled EDR Contact: 02/28/2022
	Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 07/19/2021	Source: EPA
Date Data Arrived at EDR: 07/19/2021	Telephone: 202-564-4203
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 10/20/2021
Number of Days to Update: 85	Next Scheduled EDR Contact: 01/31/2022
	Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 10/20/2021	Source: EPA
Date Data Arrived at EDR: 11/05/2021	Telephone: 703-416-0223
Date Made Active in Reports: 11/29/2021	Last EDR Contact: 12/01/2021
Number of Days to Update: 24	Next Scheduled EDR Contact: 03/14/2022
	Data Release Frequency: Annually

RMP: Risk Management Plans

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 10/20/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/05/2021	Telephone: 202-564-8600
Date Made Active in Reports: 11/12/2021	Last EDR Contact: 10/18/2021
Number of Days to Update: 7	Next Scheduled EDR Contact: 01/31/2022
	Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/20/2021	Source: EPA
Date Data Arrived at EDR: 11/05/2021	Telephone: 202-564-6023
Date Made Active in Reports: 12/15/2021	Last EDR Contact: 12/01/2021
Number of Days to Update: 40	Next Scheduled EDR Contact: 02/14/2022
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/19/2020	Source: EPA
Date Data Arrived at EDR: 01/08/2021	Telephone: 202-566-0500
Date Made Active in Reports: 03/22/2021	Last EDR Contact: 10/08/2021
Number of Days to Update: 73	Next Scheduled EDR Contact: 01/17/2022
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 09/30/2021
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/17/2022
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/29/2021	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 08/24/2021	Telephone: 301-415-7169
Date Made Active in Reports: 11/19/2021	Last EDR Contact: 10/18/2021
Number of Days to Update: 87	Next Scheduled EDR Contact: 01/31/2022
	Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2019	Source: Department of Energy
Date Data Arrived at EDR: 12/01/2020	Telephone: 202-586-8719
Date Made Active in Reports: 02/09/2021	Last EDR Contact: 11/30/2021
Number of Days to Update: 70	Next Scheduled EDR Contact: 03/14/2022
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: N/A
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 12/02/2021
Number of Days to Update: 251	Next Scheduled EDR Contact: 03/14/2022
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 11/05/2021
Number of Days to Update: 96	Next Scheduled EDR Contact: 02/14/2022
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 09/27/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 10/26/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 07/14/2021
Date Made Active in Reports: 07/16/2021
Number of Days to Update: 2

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 12/14/2021
Number of Days to Update: 90

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014	Source: USGS
Date Data Arrived at EDR: 07/14/2015	Telephone: 202-208-3710
Date Made Active in Reports: 01/10/2017	Last EDR Contact: 10/05/2021
Number of Days to Update: 546	Next Scheduled EDR Contact: 01/17/2022
	Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/26/2021	Source: Department of Energy
Date Data Arrived at EDR: 07/27/2021	Telephone: 202-586-3559
Date Made Active in Reports: 10/22/2021	Last EDR Contact: 11/01/2021
Number of Days to Update: 87	Next Scheduled EDR Contact: 02/14/2022
	Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019	Source: Department of Energy
Date Data Arrived at EDR: 11/15/2019	Telephone: 505-845-0011
Date Made Active in Reports: 01/28/2020	Last EDR Contact: 12/09/2021
Number of Days to Update: 74	Next Scheduled EDR Contact: 02/28/2022
	Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 10/20/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/05/2021	Telephone: 703-603-8787
Date Made Active in Reports: 11/29/2021	Last EDR Contact: 11/30/2021
Number of Days to Update: 24	Next Scheduled EDR Contact: 01/10/2022
	Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/09/2021
Date Data Arrived at EDR: 08/24/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 87

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 89

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 12/20/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/14/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 91

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/14/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 05/05/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 91

Source: EPA
Telephone: (312) 353-2000
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 77

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 10/07/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/26/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 10/05/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/13/2021
Date Data Arrived at EDR: 08/13/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 70

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Quarterly

AIRS: Permit and Emissions Inventory Data

Permit and emissions inventory data.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/10/2021
Number of Days to Update: 85

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-373-7074
Last EDR Contact: 12/09/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Annually

ASBESTOS: Asbestos Notification Listing Asbestos

Date of Government Version: 09/30/2021
Date Data Arrived at EDR: 10/12/2021
Date Made Active in Reports: 10/28/2021
Number of Days to Update: 16

Source: Department of Licensing & Regulatory Affairs
Telephone: 517-284-7699
Last EDR Contact: 12/01/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Quarterly

BEA: Baseline Environmental Assessment Database

A BEA is a document that new or prospective property owners/operations disclose to the DEQ identifying the property as a facility pursuant to Part 201 and Part 213. The Inventory of BEA Facilities overlaps in part with the Part 201 Projects facilities and Part 213 facilities. There may be more than one BEA for each facility.

Date of Government Version: 08/10/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 85

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-373-9541
Last EDR Contact: 11/08/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: No Update Planned

COAL ASH: Coal Ash Disposal Sites

Coal fired power plants in Southeast Michigan that have coal ash handling on site.

Date of Government Version: 04/01/2021
Date Data Arrived at EDR: 04/06/2021
Date Made Active in Reports: 06/24/2021
Number of Days to Update: 79

Source: Department of Environment, Great Lakes, and Energy
Telephone: 586-753-3754
Last EDR Contact: 12/20/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Varies

DRYCLEANERS: Drycleaning Establishments

A listing of drycleaning facilities in Michigan.

Date of Government Version: 01/07/2021
Date Data Arrived at EDR: 01/13/2021
Date Made Active in Reports: 04/01/2021
Number of Days to Update: 78

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-335-4586
Last EDR Contact: 10/15/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Quarterly

Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 06/29/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 09/23/2021
Number of Days to Update: 85

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-335-6610
Last EDR Contact: 12/20/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Semi-Annually

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 09/16/2021
Date Data Arrived at EDR: 09/21/2021
Date Made Active in Reports: 12/08/2021
Number of Days to Update: 78

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-335-4034
Last EDR Contact: 12/14/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FINANCIAL ASSURANCE 3: Financial Assurance Information Listing

Financial assurance information for underground storage tank facilities.

Date of Government Version: 07/16/2021
Date Data Arrived at EDR: 07/29/2021
Date Made Active in Reports: 10/21/2021
Number of Days to Update: 84

Source: Department of Licensing & Regulatory Affairs
Telephone: 517-335-7279
Last EDR Contact: 12/20/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Varies

LEAD CERT: Lead Safe Housing Registry

A listing of Michigan properties included in the Lead Safe Housing Registry.

Date of Government Version: 03/25/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 06/15/2020
Number of Days to Update: 82

Source: Department of Community Health
Telephone: 517-335-9699
Last EDR Contact: 11/24/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

NPDES: List of Active NPDES Permits

General information regarding NPDES (National Pollutant Discharge Elimination System) permits and NPDES Storm Water permits.

Date of Government Version: 10/22/2020
Date Data Arrived at EDR: 12/23/2020
Date Made Active in Reports: 03/16/2021
Number of Days to Update: 83

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-241-1300
Last EDR Contact: 12/21/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Varies

UIC: Underground Injection Wells Database

A listing of underground injection well locations. The UIC Program is responsible for regulating the construction, operation, permitting, and closure of injection wells that place fluids underground for storage or disposal.

Date of Government Version: 07/14/2021
Date Data Arrived at EDR: 07/19/2021
Date Made Active in Reports: 09/03/2021
Number of Days to Update: 46

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-241-1515
Last EDR Contact: 10/18/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Quarterly

WDS: Waste Data System

The Waste Data System (WDS) tracks activities at facilities regulated by the Solid Waste, Scrap Tire, Hazardous Waste, and Liquid Industrial Waste programs.

Date of Government Version: 03/30/2021
Date Data Arrived at EDR: 03/31/2021
Date Made Active in Reports: 06/22/2021
Number of Days to Update: 83

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-284-6562
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Varies

PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Semi-Annually

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Semi-Annually

MINES MRDS: Mineral Resources Data System Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA PART 201: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Michigan.

Date of Government Version: N/A	Source: Department of Environment, Great Lakes, and Energy
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/24/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 176	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Michigan.

Date of Government Version: N/A	Source: Department of Environment, Great Lakes, and Energy
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/13/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 196	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Michigan.

Date of Government Version: N/A	Source: Department of Environment, Great Lakes, and Energy
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/24/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 176	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/23/2021
Date Data Arrived at EDR: 08/10/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 90

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/12/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/05/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/29/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 10/29/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/07/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 02/24/2021
Number of Days to Update: 13

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/29/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/06/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Centers, Group & Family Homes

Source: Bureau of REgulatory Services

Telephone: 517-373-8300

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory

Source: Department of Natural Resources

Telephone: 517-241-2254

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

21525 SANTA CLARA
21525 SANTA CLARA
DETROIT, MI 48219

TARGET PROPERTY COORDINATES

Latitude (North):	42.418249 - 42° 25' 5.70"
Longitude (West):	83.255783 - 83° 15' 20.82"
Universal Transverse Mercator:	Zone 17
UTM X (Meters):	314400.2
UTM Y (Meters):	4698466.5
Elevation:	634 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	14468163 REDFORD, MI
Version Date:	2019

East Map:	14468171 ROYAL OAK, MI
Version Date:	2019

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

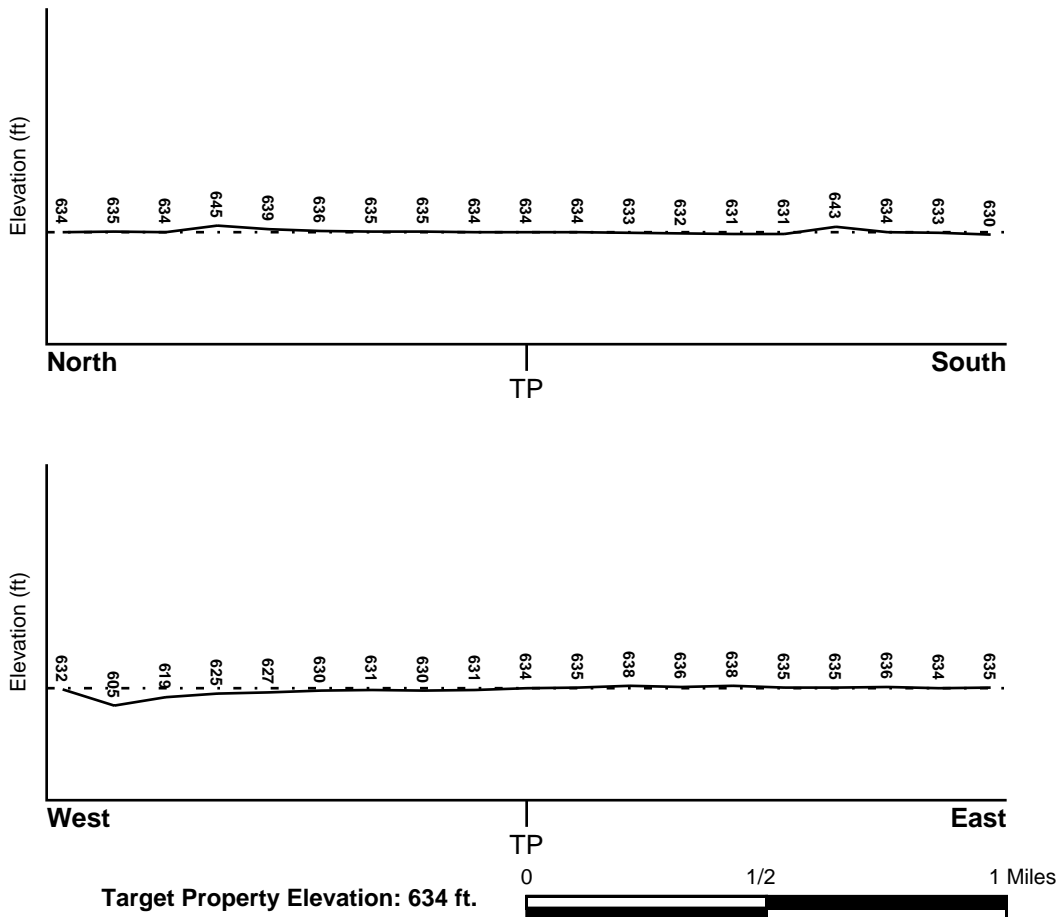
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
26163C0067E	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
26163C0100E	FEMA FIRM Flood data
26163C0069E	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
REDFORD	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
2	1/2 - 1 Mile NNE	Not Reported
3	1/2 - 1 Mile SE	Not Reported
1G	1/2 - 1 Mile NNE	Not Reported
2G	1/2 - 1 Mile SE	Not Reported

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era: Paleozoic
System: Mississippian
Series: Osagean and Kinderhookian Series
Code: M1 (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBANLAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	60 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silt loam
loam
clay loam

Surficial Soil Types: silt loam
loam
clay loam

Shallow Soil Types: silty clay loam

Deeper Soil Types: coarse sand
stratified
very fine sand
silty clay loam
silt loam

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

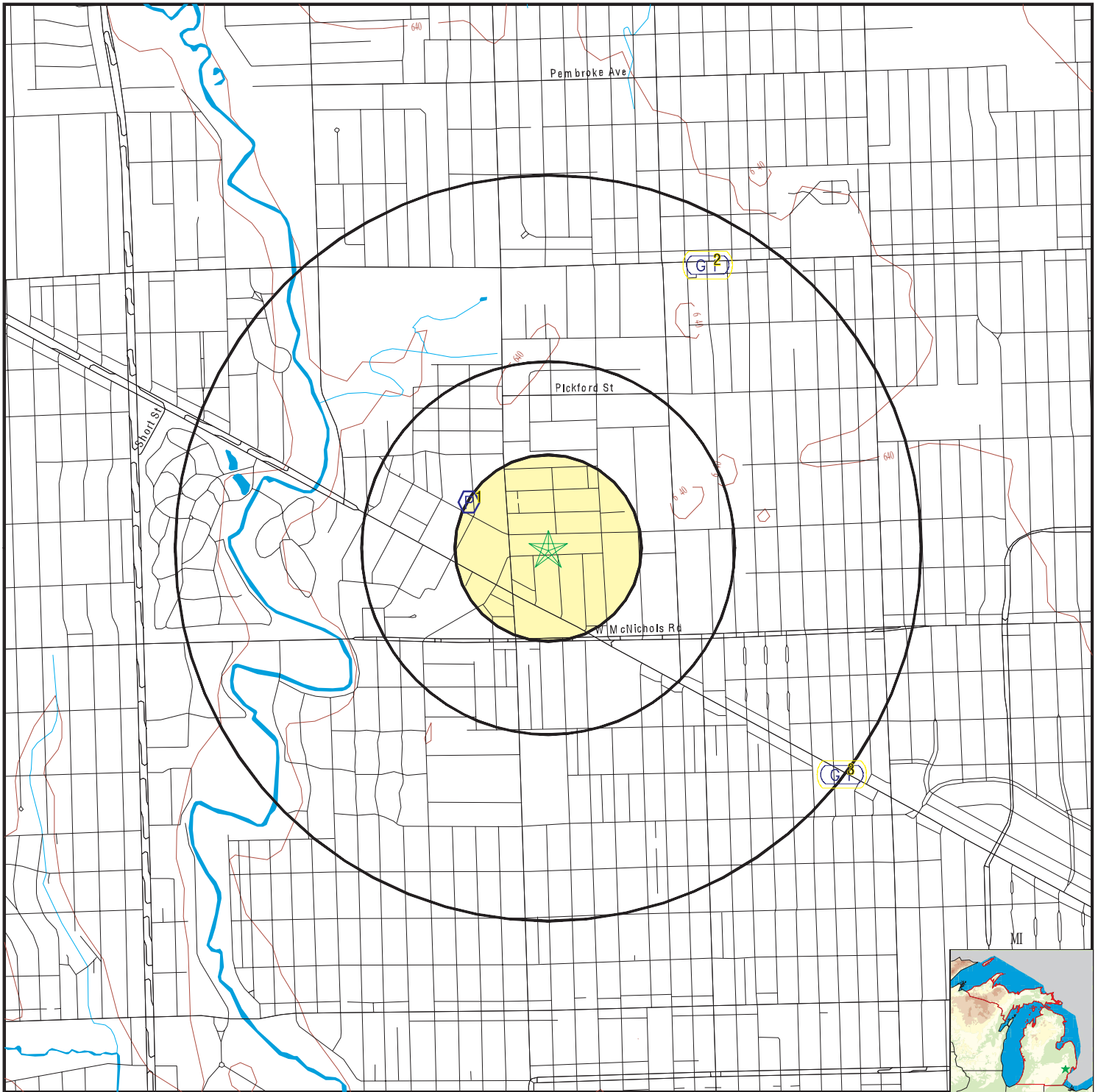
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	MI0002277	1/8 - 1/4 Mile WNW

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

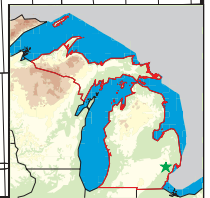
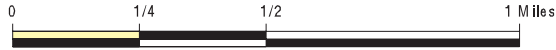
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 6797557.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: 21525 Santa Clara
 ADDRESS: 21525 Santa Clara
 Detroit MI 48219
 LAT/LONG: 42.418249 / 83.255783

CLIENT: Applied Science & Technology
 CONTACT: Laura Gray
 INQUIRY #: 6797557.2s
 DATE: December 22, 2021 12:35 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
WNW
1/8 - 1/4 Mile
Higher

FRDS PWS MI0002277

Epa region:	05	State:	MI
Pwsid:	MI0002277	Pwsname:	LAKEPARK VILLAGE CONDOMINIUMS
Cityserved:	Not Reported	Stateserved:	MI
Ziperved:	Not Reported	Fipscounty:	26049
Status:	Active	Retpopsrvd:	800
Pwssvconn:	402	Psource longname:	Groundwater
Pwstype:	CWS	Owner:	Private
Contact:	CUTSINGER, DAVID	Contactorgname:	CUTSINGER, DAVID
Contactphone:	810-655-6585	Contactaddress1:	PO BOX 7710
Contactaddress2:	Not Reported	Contactcity:	BLOOMFIELD HILLS
Contactstate:	MI	Contactzip:	48302-7710
Pwsactivitycode:	A		
PWS ID:	MI0002277	PWS name:	LAKEPARK VILLAGE
Address:	G-9471 FENTON ROAD	Care of:	LAKEPARK VILLAGE
City:	GRAND BLANC	State:	MI
Zip:	48503	Owner:	LAKEPARK VILLAGE
Source code:	Ground water	Population:	75
PWS ID:	MI0002277	PWS type:	Not Reported
PWS name:	Not Reported	PWS address:	Not Reported
PWS city:	Not Reported	PWS state:	Not Reported
PWS zip:	Not Reported	PWS name:	LAKEPARK VILLAGE CONDOMINIUMS
PWS type code:	C	Retail population served:	800
Contact:	CUTSINGER, DAVID	Contact address:	110 Wispering Pines Drive
Contact address:	FENTON	Contact city:	MI
Contact state:	48	Contact zip:	810-655-65
Contact telephone:	Not Reported		
PWS ID:	MI0002277	Activity status:	Active
Date system activated:	Not Reported	Date system deactivated:	Not Reported
Retail population:	00000075	System name:	FENWIN-BY-THE-CREEK
System address:	MICHIGAN NATIONAL BANK	System address:	22595 WEST 8 MILE RD
System city:	DETROIT	System state:	MI
System zip:	48219		
Population served:	Under 101 Persons	Treatment:	Untreated
Latitude:	422512	Longitude:	0831536
Violation id:	4000901	Orig code:	S
State:	MI	Violation Year:	2001
Contamination code:	7000	Contamination Name:	Consumer Confidence Rule
Violation code:	71	Violation name:	CCR Complete Failure to Report
Rule code:	420	Rule name:	CCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2001
Cmp edt:	Not Reported		
Violation id:	4001006	Orig code:	S
State:	MI	Violation Year:	2006
Contamination code:	1005	Contamination Name:	Arsenic
Violation code:	02	Violation name:	MCL, Average
Rule code:	332	Rule name:	Arsenic
Violation measur:	0.022	Unit of measure:	MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

State mcl:	Not Reported	Cmp bdt:	01/23/2006
Cmp edt:	10/31/2012		
Violation ID:	4000901	Orig Code:	S
Enforcemnt FY:	2001	Enforcement Action:	08/23/2001
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	4001006	Orig Code:	S
Enforcemnt FY:	2006	Enforcement Action:	03/02/2006
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	4001006	Orig Code:	S
Enforcemnt FY:	2013	Enforcement Action:	10/31/2012
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	4001006	Orig Code:	S
Enforcemnt FY:	2006	Enforcement Action:	02/02/2006
Enforcement Detail:	St AO (w/o penalty) issued		
Enforcement Category:	Formal		
Violation ID:	4001006	Orig Code:	S
Enforcemnt FY:	2007	Enforcement Action:	10/13/2006
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal
Violation ID:	4001006	Orig Code:	S
Enforcemnt FY:	2007	Enforcement Action:	02/10/2007
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal
Violation ID:	4001006	Orig Code:	S
Enforcemnt FY:	2006	Enforcement Action:	04/06/2006
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal
Violation ID:	4001006	Orig Code:	S
Enforcemnt FY:	2007	Enforcement Action:	06/19/2007
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal
Violation ID:	4001006	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	10/30/2007
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal
Violation ID:	4001006	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	03/19/2009
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal
Violation ID:	4001006	Orig Code:	S
Enforcemnt FY:	2010	Enforcement Action:	10/09/2009
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal
Violation ID:	4001006	Orig Code:	S
Enforcemnt FY:	2011	Enforcement Action:	09/01/2011
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal
Violation ID:	4001006	Orig Code:	S
Enforcemnt FY:	2006	Enforcement Action:	03/02/2006
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	4001006	Orig Code:	S
Enforcemnt FY:	2007	Enforcement Action:	04/14/2007
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal
PWS name:	LAKEPARK VILLAGE CONDOMINIUMS		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Population served:	800	PWS type code:	C
Violation ID:	4000901	Contaminant:	7000
Violation type:	71	Compliance start date:	7/1/2001 0:00:00
Compliance end date:	8/23/2001 0:00:00	Enforcement date:	8/23/2001 0:00:00
Enforcement action:	State Compliance Achieved	Violation measurement:	Not Reported
PWS name:	LAKEPARK VILLAGE CONDOMINIUMS		
Population served:	800	PWS type code:	C
Violation ID:	4001006	Contaminant:	ARSENIC
Violation type:	2	Compliance start date:	1/23/2006 0:00:00
Compliance end date:	3/31/2015 0:00:00	Enforcement date:	10/13/2006 0:00:00
Enforcement action:	State Public Notif Received		
Violation measurement:	0.02		
PWS name:	LAKEPARK VILLAGE CONDOMINIUMS		
Population served:	800	PWS type code:	C
Violation ID:	4001006	Contaminant:	ARSENIC
Violation type:	2	Compliance start date:	1/23/2006 0:00:00
Compliance end date:	3/31/2015 0:00:00	Enforcement date:	10/30/2007 0:00:00
Enforcement action:	State Public Notif Received		
Violation measurement:	0.02		
PWS name:	LAKEPARK VILLAGE CONDOMINIUMS		
Population served:	800	PWS type code:	C
Violation ID:	4001006	Contaminant:	ARSENIC
Violation type:	2	Compliance start date:	1/23/2006 0:00:00
Compliance end date:	3/31/2015 0:00:00	Enforcement date:	2/10/2007 0:00:00
Enforcement action:	State Public Notif Received		
Violation measurement:	0.02		
PWS name:	LAKEPARK VILLAGE CONDOMINIUMS		
Population served:	800	PWS type code:	C
Violation ID:	4001006	Contaminant:	ARSENIC
Violation type:	2	Compliance start date:	1/23/2006 0:00:00
Compliance end date:	3/31/2015 0:00:00	Enforcement date:	2/2/2006 0:00:00
Enforcement action:	State AO (w/o Penalty) Issued		
Violation measurement:	0.02		
PWS name:	LAKEPARK VILLAGE CONDOMINIUMS		
Population served:	800	PWS type code:	C
Violation ID:	4001006	Contaminant:	ARSENIC
Violation type:	2	Compliance start date:	1/23/2006 0:00:00
Compliance end date:	3/31/2015 0:00:00	Enforcement date:	3/2/2006 0:00:00
Enforcement action:	State Violation/Reminder Notice		
Violation measurement:	0.02		
PWS name:	LAKEPARK VILLAGE CONDOMINIUMS		
Population served:	800	PWS type code:	C
Violation ID:	4001006	Contaminant:	ARSENIC
Violation type:	2	Compliance start date:	1/23/2006 0:00:00
Compliance end date:	3/31/2015 0:00:00	Enforcement date:	3/2/2006 0:00:00
Enforcement action:	State Public Notif Requested		
Violation measurement:	0.02		
PWS name:	LAKEPARK VILLAGE CONDOMINIUMS		
Population served:	800	PWS type code:	C
Violation ID:	4001006	Contaminant:	ARSENIC
Violation type:	2	Compliance start date:	1/23/2006 0:00:00
Compliance end date:	3/31/2015 0:00:00	Enforcement date:	4/14/2007 0:00:00
Enforcement action:	State Public Notif Received		
Violation measurement:	0.02		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

PWS name:	LAKEPARK VILLAGE CONDOMINIUMS		
Population served:	800	PWS type code:	C
Violation ID:	4001006	Contaminant:	ARSENIC
Violation type:	2	Compliance start date:	1/23/2006 0:00:00
Compliance end date:	3/31/2015 0:00:00	Enforcement date:	4/6/2006 0:00:00
Enforcement action:	State Public Notif Received		
Violation measurement:	0.02		

PWS name:	LAKEPARK VILLAGE CONDOMINIUMS		
Population served:	800	PWS type code:	C
Violation ID:	4001006	Contaminant:	ARSENIC
Violation type:	2	Compliance start date:	1/23/2006 0:00:00
Compliance end date:	3/31/2015 0:00:00	Enforcement date:	6/19/2007 0:00:00
Enforcement action:	State Public Notif Received		
Violation measurement:	0.02		

2 NNE 1/2 - 1 Mile Higher	Site ID:	826890		
	Groundwater Flow:	Not Reported	AQUIFLOW	34926
	Shallowest Water Table Depth:	6.24		
	Deepest Water Table Depth:	7.58		
	Average Water Table Depth:	Not Reported		
	Date:	10/24/1994		

3 SE 1/2 - 1 Mile Lower	Site ID:	826196		
	Groundwater Flow:	Not Reported	AQUIFLOW	34906
	Shallowest Water Table Depth:	4.7		
	Deepest Water Table Depth:	6.0		
	Average Water Table Depth:	5.6		
	Date:	10/29/1993		

1G NNE 1/2 - 1 Mile Lower	Site ID:	826890		
	Groundwater Flow:	Not Reported	AQUIFLOW	34926
	Shallowest Water Table Depth:	6.24		
	Deepest Water Table Depth:	7.58		
	Average Water Table Depth:	Not Reported		
	Date:	10/24/1994		

2G SE 1/2 - 1 Mile Lower	Site ID:	826196		
	Groundwater Flow:	Not Reported	AQUIFLOW	34906
	Shallowest Water Table Depth:	4.7		
	Deepest Water Table Depth:	6.0		
	Average Water Table Depth:	5.6		
	Date:	10/29/1993		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: MI Radon

Radon Test Results

Zipcode	Test Date	LT Sign	Result
48219	7/31/2006		0.5
48219	2/25/2008		0.5
48219	11/27/2006	<	0.3
48219	8/20/2007		0.5
48219	4/19/2003	<	0.3
48219	7/12/2008	<	0.3
48219	3/6/2007	<	0.3
48219	1/23/2007		0.7
48219	2/13/2006		0.7
48219	11/20/2006		0.6
48219	3/13/2008		0.6
48219	2/7/2006		0.8
48219	10/18/2008		0.8
48219	10/31/2007		0.9
48219	2/22/1999		0.5
48219	10/29/2009		1.6
48219	9/8/2007		1.6
48219	5/28/2007		1.5
48219	10/26/2009		1.4
48219	4/11/2009		1.2
48219	9/26/2007		1.1
48219	12/12/2001		1.0
48219	11/2/2009		1.1
48219	2/7/2006		1.0
48219	6/9/2007		1.0
48219	6/9/2008		1.0
48219	11/10/2007		1.0
48219	3/17/2008		1.7
48219	11/14/2007		1.7
48219	9/22/2006		1.7
48219	11/6/2008		1.7
48219	9/4/2007		2.0
48219	8/3/2007		2.5
48219	12/2/1998		2.2
48219	1/21/2009	<	0.3
48219	7/20/2009	<	0.3

Federal EPA Radon Zone for WAYNE County: 3

- Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal Area Radon Information for Zip Code: 48219

Number of sites tested: 4

<u>Area</u>	<u>Average Activity</u>	<u>% <4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% >20 pCi/L</u>
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.725 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory

Source: Department of Natural Resources

Telephone: 517-241-2254

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Data

Source: Department of Environmental Quality

Telephone: 517-335-9218

The data in this file was obtained from Wellogis, the Michigan Department of Environmental Quality Statewide Groundwater Database (SGWD). Wellogis contains approximately 425,000 water well records found within the State of Michigan, and although it represents the best available data, it cannot be considered a complete database of all the wells or well records in existence. Locations of verified municipal and private water well sites compiled from Michigan Department of Public Health, Water Well and Pump Records. Available in the following MI counties: Calhoun, Eaton, Genesee, Ingham, Jackson, Kalamazoo, Kent, Midland, Muskegon, Oakland, Ottawa, Saginaw, St. Clair, Washtenaw.

OTHER STATE DATABASE INFORMATION

Michigan Oil and Gas Wells

Source: Department of Environmental Quality

Telephone: 517-241-1528

Locations of oil and gas wells are compiled from permit records on file at the Geological Survey Division (GSD), Michigan Department of Natural Resources.

RADON

State Database: MI Radon

Source: Department of Environmental Quality

Telephone: 517-335-9551

Radon Test Results

Michigan Radon Test Results

Source: Department of Environmental Quality

Telephone: 517-335-8037

These results are from test kits distributed by the local health departments and used by Michigan residents. There is no way of knowing whether the devices were used properly, whether there are duplicates (or repeat verification) test (i.e., more than one sample per home), etc.

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

STREET AND ADDRESS INFORMATION

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CITY OF DETROIT

Michigan Freedom of Information Act (FOIA) Request for NON-POLICE RECORDS

Please note that failure to complete certain fields on this form may result in a denial of your request.

12.23.21 (if we could get files within 3 weeks we would appreciate it. Thank you!)

1. Today's date: _____
2. Individual making this request: Laura Gray ASTI Environmental
3. Street Address: 10448 Citation Dr, Suite 100
4. City/State/Zip: Brighton, Mi, 48116
5. Telephone number: 810-599-5476 Fax number: 810-225-3800
6. Your client or insured (optional): _____
7. Description of the record: Fire Department records regarding any reports of spills/releases, above ground and underground storage tanks, landfilling, fires, and Hazmat incidents.
if costs exceed \$50, please let me know before proceeding. Thank you!
8. Date and time or time period, if applicable: _____
9. Identify City department or agency: Detroit Fire Department
10. Any other information that will assist the department/agency in locating the requested record:
21556 - 21652 Orchard Ave (even only)
18454 Orchard
21653 - 21663 Santa Clara Ave (odd only)

Signature: *Laura Gray*

- NOTE:**
- 1) Failure to complete this form may result in a denial of your request.
 - 2) For Buildings, Safety Engineering and Environmental Department record, please identify the address.
 - 3) For contract or RFP/RFQ, please identify contract number or RFP/RFQ number and a description.
 - 4) If the requested record pertains to an individual other than the requestor, a notarized authorization to release the record may be required from the person who is the subject of the request.
 - 5) If the request is too broad, depending on the description of your request, we may deny your request; or request that you submit a deposit payment, prior to searching for the requested record.
 - 6) Medical record requests (e.g., EMS run sheets or billings) must comply with HIPAA and the Michigan Medical Records Access Act.

HAND-DELIVER OR MAIL THIS REQUEST TO:

City of Detroit FOIA Coordinator
City of Detroit Law Department
Coleman A. Young Municipal Center
2 Woodward Avenue, Suite 500
Detroit, Michigan 48226-3437

CITY OF DETROIT

Michigan Freedom of Information Act (FOIA) Request for NON-POLICE RECORDS

Please note that failure to complete certain fields on this form may result in a denial of your request.

12.23.21(if we could get files within 3 weeks we would appreciate it. Thank you!)

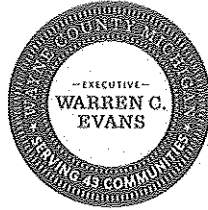
1. Today's date: _____
2. Individual making this request: Laura Gray ASTI Environmental
3. Street Address: 10448 Citation Dr, Suite 100
4. City/State/Zip: Brighton, Mi, 48116
5. Telephone number: 810-599-5476 Fax number: 810-225-3800
6. Your client or insured (optional): _____
7. Description of the record: Historical and current assessing field cards.

8. Date and time or time period, if applicable: _____
9. Identify City department or agency: Detroit assessing - Law Department
10. Any other information that will assist the department/agency in locating the requested record:
21652 Orchard St, Tax ID: 22014265; 21636 Orchard St, Tax ID: 22014266; 21624 Orchard St, Tax ID:
22014267; 21610 Orchard St, Tax ID: 22014268; 21604 Orchard St, Tax ID: 22014269; 21566 Orchard St,
Tax ID: 22014270; 21556 Orchard St, Tax ID: 22014271
21661 Santa Clara, Tax ID: 22014369; 21653 Santa Clara, Tax ID: 22014368; 21535 Santa Clara, Tax ID:
22014363; 21525 Santa Clara, Tax ID: 22014362;
Signature: *Laura Gray*

- NOTE:**
- 1) Failure to complete this form may result in a denial of your request.
 - 2) For Buildings, Safety Engineering and Environmental Department record, please identify the address.
 - 3) For contract or RFP/RFQ, please identify contract number or RFP/RFQ number and a description.
 - 4) If the requested record pertains to an individual other than the requestor, a notarized authorization to release the record may be required from the person who is the subject of the request.
 - 5) If the request is too broad, depending on the description of your request, we may deny your request; or request that you submit a deposit payment, prior to searching for the requested record.
 - 6) Medical record requests (e.g., EMS run sheets or billings) must comply with HIPAA and the Michigan Medical Records Access Act.

HAND-DELIVER OR MAIL THIS REQUEST TO:

City of Detroit FOIA Coordinator
City of Detroit Law Department
Coleman A. Young Municipal Center
2 Woodward Avenue, Suite 500
Detroit, Michigan 48226-3437



Public Services

January 5, 2022

Laura Gray
ASTI Environmental
FOIA@asti-env.com

Re: Freedom of Information Act Request¹ of December 22, 2021 for 21652, 21636, 21624, 21610, 21604, 21566, and 21556 Orchard and 21661, 21653, 21535, and 21525 Santa Clara, Detroit

Dear Ms. Gray:

Wayne County Department of Public Services Environmental Services Division received the following request on December 22, 2021 by email:

Requests any reports or information pertaining to landfilling activity, spills/releases, 201 sites, aboveground storage tanks, underground storage tanks, soil or water contamination etc.

Your request is denied. After a diligent search for the requested records, we have determined and certify the records do not exist.

If you can provide more specific information, your request will be reviewed to determine whether the desired records exist.

You have the right to do either of the following with regard to the denial of your request:

- (1) Submit a written appeal to the County Executive, which specifically states the word "appeal" and states the reason or reasons the denial should be reversed.

OR

- (2) Commence an action in the circuit court to compel disclosure. Should you prevail, you will be entitled to have reasonable attorneys' fees, costs and disbursements assessed against the County by the court. If you or the County prevails in part, the court may, in its discretion, award you all or an appropriate portion of reasonable attorneys' fees, costs, and disbursements. If the court determines that the County has been arbitrary and capricious in its denial, you will also be entitled to punitive damages in the amount of \$1,000.00.

¹ The legally required posting of the "Wayne County Freedom of Information Act Procedures & Guidelines," as well as the "Wayne County Summary of FOIA Procedures & Guidelines," are available for viewing under the "Public Records" section of the County's website at the following web address: <http://waynecounty.com/county/foia.htm>

Ms. Gray
January 5, 2022
Page 2

If you have any questions please do not hesitate to contact me at (734) 326-3936.

Sincerely,

Denial approved:



Patrick C. Cullen, FOIA Officer
Department of Public Services
Environmental Services Division

Patricia Moore, w/consent, DL

Patricia Moore
Office of Corporation Counsel
Date: January 5, 2022

cc: Candice Smith-Parker

21-567

21652 ORCHARD 48219 (Property Address)

Parcel Number: 22014265.



Item 1 of 2 [2 Images / 0 Sketches](#)

Property Owner: DETROIT LAND BANK AUTHORITY

Summary Information

> Assessed Value: \$0 | Taxable Value: \$0 > Property Tax information found

Owner and Taxpayer Information

Owner	DETROIT LAND BANK AUTHORITY 500 GRISWOLD STREET, SUITE 1200 DETROIT, MI 48226	Taxpayer	SEE OWNER INFORMATION
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General Information for Tax Year 2022

Property Class	402 402-RESIDENTIAL VACANT	Unit	01 CITY OF DETROIT
School District	DETROIT CITY SCHOOL DISTRICT	Assessed Value	\$0
WARD#	22	Taxable Value	\$0
HOPE#	8	State Equalized Value	\$0
PP CODE#	Not Available	Date of Last Name Change	07/23/2018
RELATED #	Not Available	Notes	Not Available
Historical District	Not Available	Census Block Group	Not Available
COUNCIL#	Not Available	Exemption	No Data to Display

Principal Residence Exemption Information

Homestead Date No Data to Display

Principal Residence Exemption	June 1st	Final
2022	0.0000 %	-
2021	0.0000 %	0.0000 %

Land Information

Zoning Code	R1	Total Acres	0.201
Land Value	\$1,326	Land Improvements	\$0
Renaissance Zone	No	Renaissance Zone Expiration Date	No Data to Display
ECF Neighborhood	Not Available	Mortgage Code	No Data to Display
Lot Dimensions/Comments	Not Available	Neighborhood Enterprise Zone	No

Lot(s)	Frontage	Depth
Lot 1	66.00 ft	132.00 ft
Total Frontage: 66.00 ft		Average Depth: 132.00 ft

Legal Description

N ORCHARD 67 WILLMARTH PLACE SUB L21 P41 PLATS, W C R 22/397 66 X 132

Sale History

Sale Date	Sale Price	Instrument	Grantor	Grantee	Terms of Sale	Liber/Page
09/11/2015	\$1.00	PTA	MOTOR CITY BLIGHT BUSTERS	ROYAL, CORNELL	21-NOT USED	52453/200
11/22/2006	\$89,900.00	PTA	BAYLOR LTD	FIELDS, KENNETH F	MULTI PARCEL SALE	

Sale Date	Sale Price	Instrument	Grantor	Grantee	Terms of Sale	Liber/Page
07/27/2006	\$15,000.00	WD	BURGER, EARL & ANNA	BAYLOR LTD	MULTI PARCEL SALE	
11/01/1985	\$4,500.00	WD			21-NOT USED	22615:03690

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21636 ORCHARD 48219 (Property Address)

Parcel Number: 22014266.



Item 1 of 2 [2 Images / 0 Sketches](#)

Property Owner: DETROIT LAND BANK AUTHORITY

Summary Information

> Assessed Value: \$0 | Taxable Value: \$0 > Property Tax information found

Owner and Taxpayer Information

Owner	DETROIT LAND BANK AUTHORITY 500 GRISWOLD STREET, SUITE 1200 DETROIT, MI 48226	Taxpayer	SEE OWNER INFORMATION
--------------	---	-----------------	-----------------------

General Information for Tax Year 2022

Property Class	402 402-RESIDENTIAL VACANT	Unit	01 CITY OF DETROIT
School District	DETROIT CITY SCHOOL DISTRICT	Assessed Value	\$0
WARD#	22	Taxable Value	\$0
HOPE#	8	State Equalized Value	\$0
PP CODE#	Not Available	Date of Last Name Change	07/23/2018
RELATED #	Not Available	Notes	Not Available
Historical District	Not Available	Census Block Group	Not Available
COUNCIL#	Not Available	Exemption	No Data to Display

Principal Residence Exemption Information

Homestead Date 05/01/1999

Principal Residence Exemption	June 1st	Final
2022	0.0000 %	-
2021	0.0000 %	0.0000 %

Land Information

Zoning Code	R1	Total Acres	0.200
Land Value	\$1,320	Land Improvements	\$0
Renaissance Zone	No	Renaissance Zone Expiration Date	No Data to Display
ECF Neighborhood	Not Available	Mortgage Code	No Data to Display
Lot Dimensions/Comments	Not Available	Neighborhood Enterprise Zone	No

Lot(s)	Frontage	Depth
Lot 1	66.00 ft	132.00 ft
Total Frontage: 66.00 ft		Average Depth: 132.00 ft

Legal Description

N ORCHARD 68 WILLMARTH PLACE SUB L21 P41 PLATS, W C R 22/397 66 X 132

Sale History

Sale Date	Sale Price	Instrument	Grantor	Grantee	Terms of Sale	Liber/Page
11/07/2013	\$1,300.00	PTA	WAYNE COUNTY TREASURER	CRANBROOK COURT LLC	13-GOVERNMENT	51161:9
08/01/2005	\$1.00	PTA	BELL, CYNTHIA	SHABAZZ, DARLENE	21-NOT USED	

Sale Date	Sale Price	Instrument	Grantor	Grantee	Terms of Sale	Liber/Page
03/01/1984	\$20,255.00	WD			03-ARM'S LENGTH	21965:04700
09/01/1979	\$21,500.00	WD			21-NOT USED	20699:09150
03/01/1979	\$7,000.00	PTA			21-NOT USED	20699:09140

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21624 ORCHARD 48219 (Property Address)

Parcel Number: 22014267.



Item 1 of 2 [2 Images / 0 Sketches](#)

Property Owner: DETROIT LAND BANK AUTHORITY

Summary Information

> Assessed Value: \$0 | Taxable Value: \$0 > Property Tax information found

Owner and Taxpayer Information

Owner	DETROIT LAND BANK AUTHORITY 500 GRISWOLD STREET, SUITE 1200 DETROIT, MI 48226	Taxpayer	SEE OWNER INFORMATION
--------------	---	-----------------	-----------------------

General Information for Tax Year 2022

Property Class	402 402-RESIDENTIAL VACANT	Unit	01 CITY OF DETROIT
School District	DETROIT CITY SCHOOL DISTRICT	Assessed Value	\$0
WARD#	22	Taxable Value	\$0
HOPE#	8	State Equalized Value	\$0
PP CODE#	Not Available	Date of Last Name Change	07/23/2018
RELATED #	Not Available	Notes	Not Available
Historical District	Not Available	Census Block Group	Not Available
COUNCIL#	Not Available	Exemption	No Data to Display

Principal Residence Exemption Information

Homestead Date No Data to Display

Principal Residence Exemption	June 1st	Final
2022	0.0000 %	-
2021	0.0000 %	0.0000 %

Land Information

Zoning Code	R1	Total Acres	0.200
Land Value	\$1,320	Land Improvements	\$0
Renaissance Zone	No	Renaissance Zone Expiration Date	No Data to Display
ECF Neighborhood	Not Available	Mortgage Code	No Data to Display
Lot Dimensions/Comments	Not Available	Neighborhood Enterprise Zone	No

Lot(s)	Frontage	Depth
Lot 1	66.00 ft	132.00 ft
Total Frontage: 66.00 ft		Average Depth: 132.00 ft

Legal Description

N ORCHARD 69 WILLMARTH PLACE SUB L21 P41 PLATS, W C R 22/397 66 X 132

Sale History

Sale Date	Sale Price	Instrument	Grantor	Grantee	Terms of Sale	Liber/Page
07/01/1982	\$15,000.00	WD			21-NOT USED	21462:02280

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21610 ORCHARD 48219 (Property Address)

Parcel Number: 22014268.



Item 1 of 2 [2 Images / 0 Sketches](#)

Property Owner: DETROIT LAND BANK AUTHORITY

Summary Information

> Assessed Value: \$0 | Taxable Value: \$0 > Property Tax information found

Owner and Taxpayer Information

Owner	DETROIT LAND BANK AUTHORITY 500 GRISWOLD STREET, SUITE 1200 DETROIT, MI 48226	Taxpayer	SEE OWNER INFORMATION
--------------	---	-----------------	-----------------------

General Information for Tax Year 2022

Property Class	402 402-RESIDENTIAL VACANT	Unit	01 CITY OF DETROIT
School District	DETROIT CITY SCHOOL DISTRICT	Assessed Value	\$0
WARD#	22	Taxable Value	\$0
HOPE#	8	State Equalized Value	\$0
PP CODE#	Not Available	Date of Last Name Change	07/23/2018
RELATED #	Not Available	Notes	Not Available
Historical District	Not Available	Census Block Group	Not Available
COUNCIL#	Not Available	Exemption	No Data to Display

Principal Residence Exemption Information

Homestead Date No Data to Display

Principal Residence Exemption	June 1st	Final
2022	0.0000 %	-
2021	0.0000 %	0.0000 %

Land Information

Zoning Code	R1	Total Acres	0.152
Land Value	\$1,047	Land Improvements	\$0
Renaissance Zone	No	Renaissance Zone Expiration Date	No Data to Display
ECF Neighborhood	Not Available	Mortgage Code	No Data to Display
Lot Dimensions/Comments	Not Available	Neighborhood Enterprise Zone	No

Lot(s)	Frontage	Depth
Lot 1	50.00 ft	132.00 ft
Total Frontage: 50.00 ft		Average Depth: 132.00 ft

Legal Description

N ORCHARD W 50 FT OF 70 WILLMARTH PLACE SUB L21 P41 PLATS, W C R 22/397 50 X 132

Sale History

Sale Date	Sale Price	Instrument	Grantor	Grantee	Terms of Sale	Liber/Page
12/30/2003	\$0.00	OTH	AMERICAN PROPERTIES INC	WAYNE COUNTY INVENTORY	21-NOT USED	
08/01/1982	\$21,500.00	WD			21-NOT USED	21475:06770

Sale Date	Sale Price	Instrument	Grantor	Grantee	Terms of Sale	Liber/Page
05/01/1979	\$19,000.00	WD			03-ARM'S LENGTH	20515:07010
02/01/1979	\$10,000.00	PTA			21-NOT USED	20423:09240

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21604 ORCHARD 48219 (Property Address)

Parcel Number: 22014269.



Item 1 of 2 [2 Images / 0 Sketches](#)

Property Owner: DETROIT LAND BANK AUTHORITY

Summary Information

> Assessed Value: \$0 | Taxable Value: \$0 > Property Tax information found

Owner and Taxpayer Information

Owner	DETROIT LAND BANK AUTHORITY 500 GRISWOLD STREET, SUITE 1200 DETROIT, MI 48226	Taxpayer	SEE OWNER INFORMATION
--------------	---	-----------------	-----------------------

General Information for Tax Year 2022

Property Class	402 402-RESIDENTIAL VACANT	Unit	01 CITY OF DETROIT
School District	DETROIT CITY SCHOOL DISTRICT	Assessed Value	\$0
WARD#	22	Taxable Value	\$0
HOPE#	8	State Equalized Value	\$0
PP CODE#	Not Available	Date of Last Name Change	07/23/2018
RELATED #	Not Available	Notes	Not Available
Historical District	Not Available	Census Block Group	Not Available
COUNCIL#	Not Available	Exemption	No Data to Display

Principal Residence Exemption Information

Homestead Date No Data to Display

Principal Residence Exemption	June 1st	Final
2022	0.0000 %	-
2021	0.0000 %	0.0000 %

Land Information

Zoning Code	R1	Total Acres	0.150
Land Value	\$1,034	Land Improvements	\$0
Renaissance Zone	No	Renaissance Zone Expiration Date	No Data to Display
ECF Neighborhood	Not Available	Mortgage Code	No Data to Display
Lot Dimensions/Comments	Not Available	Neighborhood Enterprise Zone	No

Lot(s)	Frontage	Depth
Lot 1	49.00 ft	132.00 ft
Total Frontage: 49.00 ft		Average Depth: 132.00 ft

Legal Description

N ORCHARD E 16 FT OF 70 W 33 FT OF 71WILLMARTH PLACE SUB L21 P41 PLATS, W C R 22/397 49 X 132

Sale History

Sale Date	Sale Price	Instrument	Grantor	Grantee	Terms of Sale	Liber/Page
11/26/2003	\$28.00	QC	MICHIGAN STATE HOUSING DEVELOP AUTH	MOTOR CITY BLIGHT BUSTERS	21-NOT USED	

Sale Date	Sale Price	Instrument	Grantor	Grantee	Terms of Sale	Liber/Page
08/01/1982	\$21,500.00	WD			21-NOT USED	21475:06770
05/01/1980	\$500.00	WD			21-NOT USED	20515:07000
05/01/1979	\$1,000.00	WD			21-NOT USED	20515:06990

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21566 ORCHARD 48219 (Property Address)

Parcel Number: 22014270.



Item 1 of 2 2 Images / 0 Sketches

Property Owner: DETROIT LAND BANK AUTHORITY

Summary Information

> Assessed Value: \$0 | Taxable Value: \$0 > Property Tax information found

Owner and Taxpayer Information

Owner	DETROIT LAND BANK AUTHORITY 500 GRISWOLD STREET, SUITE 1200 DETROIT, MI 48226	Taxpayer	SEE OWNER INFORMATION
--------------	---	-----------------	-----------------------

General Information for Tax Year 2022

Property Class	402 402-RESIDENTIAL VACANT	Unit	01 CITY OF DETROIT
School District	DETROIT CITY SCHOOL DISTRICT	Assessed Value	\$0
WARD#	22	Taxable Value	\$0
HOPE#	8	State Equalized Value	\$0
PP CODE#	Not Available	Date of Last Name Change	07/23/2018
RELATED #	Not Available	Notes	Not Available
Historical District	Not Available	Census Block Group	Not Available
COUNCIL#	Not Available	Exemption	No Data to Display

Principal Residence Exemption Information

Homestead Date No Data to Display

Principal Residence Exemption	June 1st	Final
2022	0.0000 %	-
2021	0.0000 %	0.0000 %

Land Information

Zoning Code	R1	Total Acres	0.100
Land Value	\$645	Land Improvements	\$0
Renaissance Zone	No	Renaissance Zone Expiration Date	No Data to Display
ECF Neighborhood	Not Available	Mortgage Code	No Data to Display
Lot Dimensions/Comments	Not Available	Neighborhood Enterprise Zone	No

Lot(s)	Frontage	Depth
Lot 1	33.00 ft	132.00 ft
Total Frontage: 33.00 ft		Average Depth: 132.00 ft

Legal Description

N ORCHARD E 33 FT 71 WILLMARTH PLACE SUB L21 P41 PLATS, W C R 22/397 33 X 132

Sale History

Sale Date	Sale Price	Instrument	Grantor	Grantee	Terms of Sale	Liber/Page
08/15/2006	\$0.00	OTH	MDNR	MI LAND BANK FAST TRACK AUTHORITY	21-NOT USED	45292/468

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21556 ORCHARD 48219 (Property Address)

Parcel Number: 22014271.



Item 1 of 2 2 Images / 0 Sketches

Property Owner: DETROIT LAND BANK AUTHORITY**Summary Information**

> Assessed Value: \$0 | Taxable Value: \$0 > Property Tax information found

Owner and Taxpayer Information

Owner	DETROIT LAND BANK AUTHORITY 500 GRISWOLD STREET, SUITE 1200 DETROIT, MI 48226	Taxpayer	SEE OWNER INFORMATION
--------------	---	-----------------	-----------------------

General Information for Tax Year 2022

Property Class	402 402-RESIDENTIAL VACANT	Unit	01 CITY OF DETROIT
School District	DETROIT CITY SCHOOL DISTRICT	Assessed Value	\$0
WARD#	22	Taxable Value	\$0
HOPE#	8	State Equalized Value	\$0
PP CODE#	<i>Not Available</i>	Date of Last Name Change	07/23/2018
RELATED #	<i>Not Available</i>	Notes	<i>Not Available</i>
Historical District	<i>Not Available</i>	Census Block Group	<i>Not Available</i>
COUNCIL#	<i>Not Available</i>	Exemption	<i>No Data to Display</i>

Principal Residence Exemption Information**Homestead Date** 04/25/1994

Principal Residence Exemption	June 1st	Final
2022	0.0000 %	-
2021	0.0000 %	0.0000 %

Land Information

Zoning Code	R1	Total Acres	0.200
Land Value	\$1,320	Land Improvements	\$0
Renaissance Zone	No	Renaissance Zone Expiration Date	<i>No Data to Display</i>
ECF Neighborhood	<i>Not Available</i>	Mortgage Code	<i>No Data to Display</i>
Lot Dimensions/Comments	<i>Not Available</i>	Neighborhood Enterprise Zone	No

Lot(s)	Frontage	Depth
Lot 1	66.00 ft	132.00 ft
Total Frontage: 66.00 ft		Average Depth: 132.00 ft

Legal Description

N ORCHARD 72 WILLMARTH PLACE SUB L21 P41 PLATS, W C R 22/397 66 X 132

Sale History

Sale Date	Sale Price	Instrument	Grantor	Grantee	Terms of Sale	Liber/Page
10/19/2004	\$10,000.00	WD	WELLS FARGO BANK	WILLIAMS, RICHARD	03-ARM'S LENGTH	
11/01/1987	\$5,000.00	WD			21-NOT USED	23760:07210

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21525 SANTA CLARA 48219 (Property Address)

Parcel Number: 22014362.



Item 1 of 2 [2 Images / 0 Sketches](#)

Property Owner: DETROIT LAND BANK AUTHORITY

Summary Information

> Assessed Value: \$0 | Taxable Value: \$0 > Property Tax information found

Owner and Taxpayer Information

Owner	DETROIT LAND BANK AUTHORITY 500 GRISWOLD STREET, SUITE 1200 DETROIT, MI 48226	Taxpayer	SEE OWNER INFORMATION
--------------	---	-----------------	-----------------------

General Information for Tax Year 2022

Property Class	402 402-RESIDENTIAL VACANT	Unit	01 CITY OF DETROIT
School District	DETROIT CITY SCHOOL DISTRICT	Assessed Value	\$0
WARD#	22	Taxable Value	\$0
HOPE#	8	State Equalized Value	\$0
PP CODE#	Not Available	Date of Last Name Change	07/23/2018
RELATED #	Not Available	Notes	Not Available
Historical District	Not Available	Census Block Group	Not Available
COUNCIL#	Not Available	Exemption	No Data to Display

Principal Residence Exemption Information

Homestead Date 07/16/2002

Principal Residence Exemption	June 1st	Final
2022	0.0000 %	-
2021	0.0000 %	0.0000 %

Land Information

Zoning Code	R1	Total Acres	0.129
Land Value	\$907	Land Improvements	\$0
Renaissance Zone	No	Renaissance Zone Expiration Date	No Data to Display
ECF Neighborhood	Not Available	Mortgage Code	No Data to Display
Lot Dimensions/Comments	Not Available	Neighborhood Enterprise Zone	No

Lot(s)	Frontage	Depth
Lot 1	53.00 ft	106.00 ft
Total Frontage: 53.00 ft		Average Depth: 106.00 ft

Legal Description

S SANTA CLARA 88 ELM AVE SUB L34 P21 PLATS, W C R 22/396 53 X 106

Sale History

Sale Date	Sale Price	Instrument	Grantor	Grantee	Terms of Sale	Liber/Page
02/01/1993	\$36,000.00	WD			03-ARM'S LENGTH	26382:02470

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21535 SANTA CLARA 48219 (Property Address)

Parcel Number: 22014363.



Item 1 of 2 [2 Images / 0 Sketches](#)

Property Owner: DETROIT LAND BANK AUTHORITY

Summary Information

> Assessed Value: \$0 | Taxable Value: \$0 > Property Tax information found

Owner and Taxpayer Information

Owner	DETROIT LAND BANK AUTHORITY 500 GRISWOLD STREET, SUITE 1200 DETROIT, MI 48226	Taxpayer	SEE OWNER INFORMATION
--------------	---	-----------------	-----------------------

General Information for Tax Year 2022

Property Class	402 402-RESIDENTIAL VACANT	Unit	01 CITY OF DETROIT
School District	DETROIT CITY SCHOOL DISTRICT	Assessed Value	\$0
WARD#	22	Taxable Value	\$0
HOPE#	8	State Equalized Value	\$0
PP CODE#	Not Available	Date of Last Name Change	07/23/2018
RELATED #	Not Available	Notes	Not Available
Historical District	Not Available	Census Block Group	Not Available
COUNCIL#	Not Available	Exemption	No Data to Display

Principal Residence Exemption Information

Homestead Date 07/16/2002

Principal Residence Exemption	June 1st	Final
2022	0.0000 %	-
2021	0.0000 %	0.0000 %

Land Information

Zoning Code	R1	Total Acres	0.097
Land Value	\$609	Land Improvements	\$0
Renaissance Zone	No	Renaissance Zone Expiration Date	No Data to Display
ECF Neighborhood	Not Available	Mortgage Code	No Data to Display
Lot Dimensions/Comments	Not Available	Neighborhood Enterprise Zone	No

Lot(s)	Frontage	Depth
Lot 1	40.00 ft	106.00 ft
Total Frontage: 40.00 ft		Average Depth: 106.00 ft

Legal Description

S SANTA CLARA 89 ELM AVE SUB L34 P21 PLATS, W C R 22/396 40 X 106

Sale History

Sale Date	Sale Price	Instrument	Grantor	Grantee	Terms of Sale	Liber/Page
02/01/1993	\$36,000.00	WD			03-ARM'S LENGTH	26382:02470

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ORCHARD

21636
Orchard

21448

OK

68

4-14-50

Lot No. Date

Use Dwelling

Cons. Frame

Remarks \$3000.00 O.K.

Move to above location
from 17301 Burgess.

Board Card

ORCHARD

21636
Orchard

46973

OK

68

6-11-70

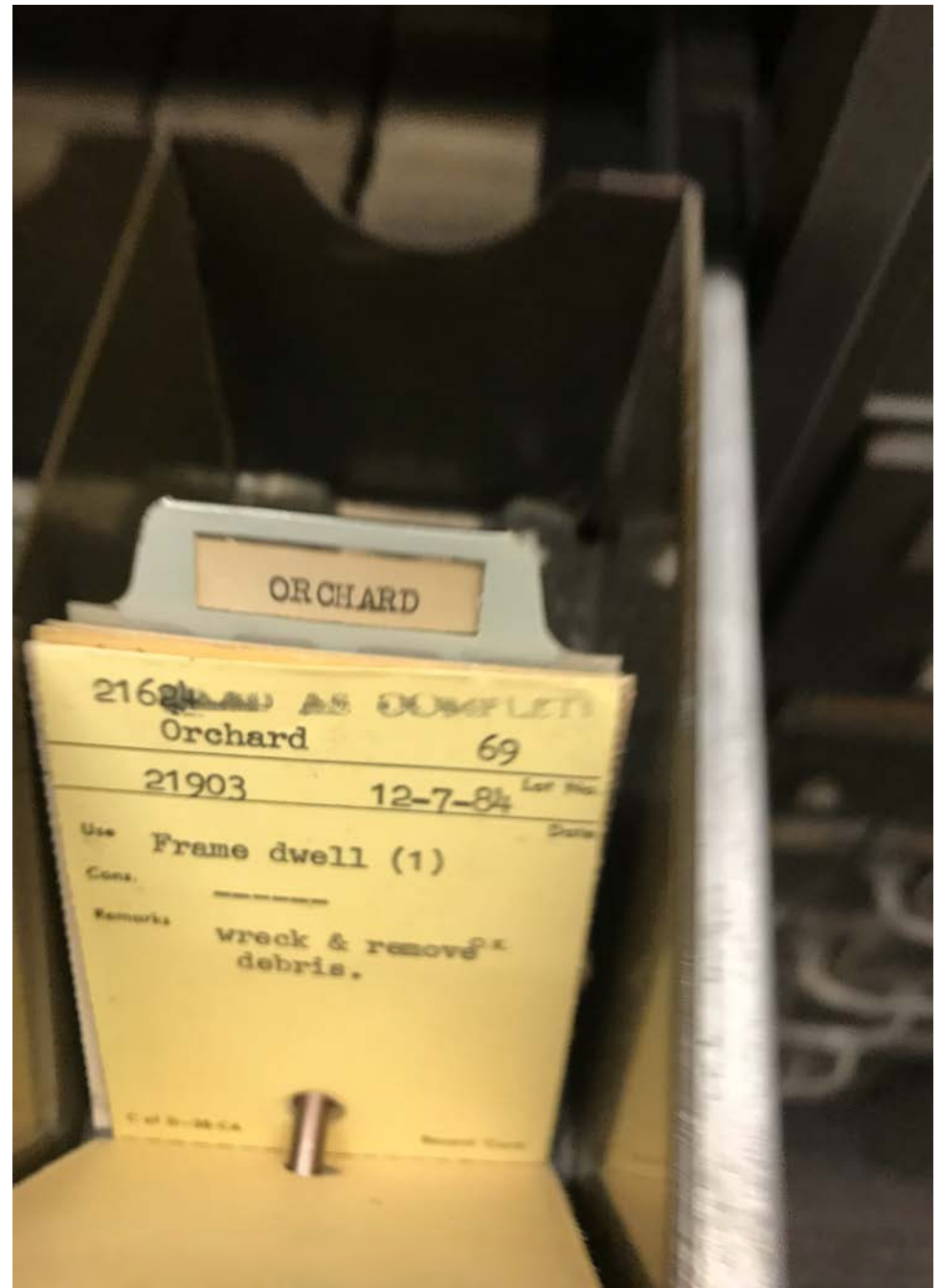
Lot No. Date

Use Frame Pvt. Garage

Cons. 2,156.

Remarks O.K.

Board Card



ORCHARD

21610
ORCHARD
91000

7-10-73

Lot No.
Date

Use fr. dwlg.

1

Cons. \$490

Remarks

240# roof shingles

O.K.

C of B-88-CA

Record Card

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

REMEDATION AND REDEVELOPMENT DIVISION PERFECTED LIEN LIST

The Michigan Department of Environment, Great Lakes, and Energy (EGLE), Remediation and Redevelopment Division (RRD) has perfected liens on property 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.*

The following is a current listing of liens perfected by the RRD on property as of the date that appears on this list. The list will be updated **only** when the RRD has perfected a new lien on a property or has released a lien from a property. A new date will then appear on the list. This list does not include any lien(s) that may have been perfected by another EGLE Division or other entity. For information regarding this list, please contact Paul Johnson at 517-614-2058 or by e-mail at johnsonp1@michigan.gov. For lien information related to the Materials Management Division or Oil, Gas, and Minerals Division (OGMD), please call 517-335-6766 respectively.

The information provided herein cannot be construed or interpreted as legal verification that a perfected lien does not exist on a particular property, or that a lien is the only perfected lien on a property. To obtain legal verification, you must access official records from the appropriate County Register of Deeds and/or the Michigan Secretary of State when applicable.

County	Township	City/Vlg	Address	Other Description	Lot No	Section	Town	Range	Tax Code
Allegan	Watson					24	T2N	R12W	23-24-001-10
Allegan	Watson					24	T2N	R12W	23-24-001-10
Allegan				A judgement lien in case #11-156-CE is against all of the properties owned in several counties by Ronald G. Strefling, Strefling Oil Company, or SREI Investments #1. If these entities are in the chain of title, they are likely to be subject to this lien.					
Alpena		Alpena	4709 Long Rapids Rd.	Lake Winyah Shores Sub	Lot 43				
Antrim	Milton	Rapid City	12929 Cherry Ave.	Plat of New Highlands	Lot 14				
Antrim		Riverview	6235 Crystal Springs Rd.	Supervisor's Plat of Riverview	Lot 1				
Antrim		Ellsworth	Vlg. Of Ellsworth			14	T32N	R8W	05-44-023-004-00
Antrim		Ellsworth	Vlg. Of Ellsworth			14	T32N	R8W	05-44-013-061-00
Arenac	Mason	Turner	50 Mason Road			12	T20N	R5E	
Arenac		Standish	105 N. Main	Assessor's Plat 5	Lot 370				40-2-500-000-370-00
Arenac	Mason	Turner	50 Mason Road			12	T20N	R5E	
Baraga	L'anse	L'anse	Winter St.			9	T50N	R33W	

County	Township	City/Vlg	Address	Other Description	Lot No	Section	Town	Range	Tax Code
Benzie		Lake Ann Vlg	P.O. Box 62 1st St.		Lots 7 & 9, Blk 28				
Berrien		Watervliet				2	T3S	R17W	11-21-0002-0015-01-0
Berrien		Watervliet				2	T3S	R17W	11-21-0023-0014-01-6
Berrien	Benton	Benton Harbor					T4S	R18W	11-045-18W-05DB
Berrien		Watervliet	106 E. St. Joseph St.	Sutherland's Addition	Lot 1, exceptions				
Berrien				A judgement lien in case #11-156-CE is against all of the properties owned in several counties by Ronald G. Strefling, Strefling Oil Company, or SREI Investments #1. If these entities are in the chain of title, they are likely to be subject to this lien.					
Branch	Algansee	Quincy	144/146 Crocket Drive	Woodland plat	Lot 2,3 & land	5	T7S	R5W	
Branch	Butler		1031 Clarendon Rd., Quincy, Michigan			15	T5S	R5W	
Branch	Butler		1031 Clarendon Rd., Quincy, Michigan			15	T5S	R5W	
Branch	Algansee	Quincy	144/146 Crocket Drive	Woodland plat	Lot 2,3 & land	5	T7S	R5W	
Calhoun	Bedford	Battle Creek		Facility ID 00005228	66, 67, + land	29	T1N	R8W	13-04-360-058-W
Calhoun	Marengo	Marshall	1035 East Michigan Ave.			19	T2S	R5W	
Calhoun	Bedford	Battle Creek		Facility ID 00005228	66, 67, + land	29	T1N	R8W	13-04-360-058-W
Cass				A judgement lien in case #11-156-CE is against all of the properties owned in several counties by Ronald G. Strefling, Strefling Oil Company, or SREI Investments #1. If these entities are in the chain of title, they are likely to be subject to this lien.					
Cass		Dowagiac	111 North Front St.	Patrick Hamilton's Add	Lot 12				
Cheboygan		Cheboygan		J M Pennell's First Add to city	Lot 13, Blk 8				
Chippewa		Dafter	9976 Soo Line Rd.			21	T46N	R1W	

County	Township	City/Vlg	Address	Other Description	Lot No	Section	Town	Range	Tax Code
Delta	Masonville	Rapid River	US2	H.W. Cole's Second Add	Lots 7,8 Blk 11	29	T41N	R21W	21-012-341-007-00 & 21-012-179-021-00 & 21-012-179-020-00
Eaton		Grand Ledge	105 E. Saginaw Hwy	Supervisors Plat #2	Pt of Lot 179				23-400-078-001-790-00 & 791-00 & 791-01
Genesee		Flushing	90 E. Main St.	Assessor's Plat #5	Pt of Lot 98,				
Genesee	Genesee					33	T8N	R7E	R-1006-22
Genesee	Genesee					33	T8N	R7E	R-1006-22
Genesee		Flint	603 Pingree Ave	Elm Park Sub	Lots 187-195, 196, 230				11-17-352-0187-87
Genesee		Flint	3402 Martin Luther King		Lots 544, 545, & 546				
Genesee		Flint	603 Pingree Ave	Elm Park Sub	Lots 187-195, 196, 230				11-17-352-0187-87
Genesee		Burton	5516 Davison Rd			11	T7N	R7E	59-11-200-006
Genesee		Flint	3402 Martin Luther King or 121 E. Pasadena		Lots 548 & 549				
Grand Traverse	East Bay						T27N	R10W	28-03220-020-00
Grand Traverse	Blair					7	T26N	R11W	
Grand Traverse	Blair		5175 Sawyer Wood Dr	Woodland Terrace Annex	Lots 1-4 Blk 18	7	T26N	R11W	28-02-007-047-20
Hillsdale	Moscow					15	T5S	R2W	30-03-015-200-012-15-5-2
Hillsdale	Scipio		Mosherville Rd.			10	T5S	R3W	30-02-010-100-011
Houghton	Osceola			Julio Salvage Site N.		33	T55N	R33W	009-033-055-00
Houghton	Franklin			Julio Salvage Site I.		31	T55N	R33W	006-031-034-00
Houghton	Franklin			Julio Salvage Site G.	1-10	34	T55N	R33W	006-166-001-00 and 006-031-032-00
Houghton	Franklin & Osceola			Julio Salvage Site L.		32 &33	T55N	R33W	003-032-026-00 and 009-033-037-00
Houghton	Franklin			Julio Salvage Site D.		25 & 36	T55N	R34W	006-136-002-00
Ingham		Lansing	3125 MLK Blvd			29	T4N	R2W	33-01-01-29-476-041
Ingham		Lansing	300 North St.	Turner & Smith's Sub of Lot 6 of Townsend Sub.	Lots 1,2, & Pt. 3 of Lot 6				

County	Township	City/Vlg	Address	Other Description	Lot No	Section	Town	Range	Tax Code
Isabella		Mt. Pleasant	226 S. Main St.		Lot 1 & Pt 2, Blk 25				
Kalamazoo		Portage	9008 Portage Rd.	Ames West Lake Pk.	Lots 58,59,60				
Kalamazoo	Wakeshma	Fulton	13995 East W Ave.			16	T4S	R9W	16-16-490-190
Kalamazoo	Alamo					26	T1S	R12W	01-26-251-019
Kalamazoo		Kalamazoo	3501 South Burdick St.	Supv Plat of Henry Johnson Plat	Lot A				
Kalkaska	Kalkaska					29	T27N	R7W	
Kalkaska	Kalkaska					29	T27N	R7W	
Kent		Grand Rapids	2555 Oak Industrial Drive			22	T7N	R11W	
Kent		Wyoming	2539 28th St, SW			9	T6N	R12W	41-17-09-451-013
Kent		Grand Rapids			6,7,8,4,5 + add parcel				41-14-19-330-017
Kent		Wyoming	2539 28th St, SW			9	T6N	R12W	41-17-09-451-013
Lake	Pleasant Plains		M-37	Pere Marquette Plat	Lot 2052,53,80-83,103-106	22	T17N	R13W	
Lake	Pleasant Plains		M-37	Pere Marquette Plat	part of 20,21	22	T17N	R13W	
Lake	Pleasant Plains		M-37	Pere Marquette Plat	107,108,78,79	22	T17N	R13W	43-17N-13W-22BD
Livingston		Brighton		Smith & McPherson Addition	219,220,221	30	T2N	R6E	18-30-300-017
Livingston	Putnam					27	T1N	R4E	14-27-400-002 30147080
Livingston	Hamburg		10776 Hall Rd			25	T1N	R5E	47-15-25-400-014
Livingston	Hamburg		10776 Hall Rd			25	T1N	R5E	47-15-25-400-014
Livingston		Brighton		Smith & McPherson Addition	219,220,221	30	T2N	R6E	18-30-300-017
Livingston		Fowlerville	306 E. Grand River	Fowler's First Add	Lot 39 Blk 2				05-11-302-014
Livingston				A judgement lien in case 12-26969-CE is against all of the properties owned in Livingston County by Patrick Jay Conely (Sr). If this individual is in the chain of title as of 9/18/2019, it is likely to be subject to this lien.					
Macomb	Macomb	Warren			Lot 33 & 13				13-19-353-004

County	Township	City/Vlg	Address	Other Description	Lot No	Section	Town	Range	Tax Code
Macomb	Macomb	Warren			Lot 33 & 13				13-19-353-004
Macomb	Chesterfield					PC 192	T3N	R14E	09-21-401-003
Macomb	Chesterfield					PC 192	T3N	R14E	09-21-401-003
Macomb	Chesterfield					PC 192	T3N	R14E	09-21-251-002
Macomb	Shelby				#63,64				07-18-401-005,50-07-593-063-00; 07-18-401-004, 50-07-593-064-00
Macomb	Chesterfield					PC 192	T3N	R14E	09-21-251-002
Monroe	Bedford					28	T8S	R7E	58-08S-07E-28BA
Montcalm	Winfield		15350 West Howard City/Edmore Road			16	T12N	R9W	59-020-016-008-01
Montcalm	Reynolds	Howard City				35	T12N	R10W	59-017-900-083-00 or 092-00
Montcalm	Bloomer					12	T9N	R5W	59-051-700-040-00
Montcalm	Winfield		15350 West Howard City/Edmore Road			16	T12N	R9W	59-020-016-008-01
Montcalm	Reynolds	Howard City				35	T12N	R10W	59-017-900-083-00 or 092-00
Montmorency		Atlanta Vlg	103 State St. Box 615		Lots 5 thru 11, Blk 7				
Newaygo	Everett					17	T13N	R12W	
Newaygo	Everett					17	T13N	R12W	
Oakland	Farmington	Farmington	29024 Grand River	Richland State Sub. Resub of Richland's Gardens Sub	Lots 45-51	36	T1N	R9E	23-36-304-022
Oakland	Waterford/White Lake					7&18 12	T3N T3N	R9E R8E	13-07-100-008 12-12-200-007
Ogemaw	Hill	Lupton	3610 Forest Dr.	Shady Shores Park sub of Gov't Lot 2&3	Pt Lot 1 Blk A, Pt. of Lot 8	8	T23N	R4E	
Osceola	Hartwick					1	T19N	R8W	67-04-001-001-00
Osceola		Ewart	202 E. Seventh		479				
Osceola	Orient					21	T17N	R7W	67-11-021-021-10 67-11-021-022-10
Ottawa		Grand Haven		Rycenga's Plat 3	197	21	T8N	R16W	70-03-21-415-018

County	Township	City/Vlg	Address	Other Description	Lot No	Section	Town	Range	Tax Code
Ottawa				A judgement lien in case #11-156-CE is against all of the properties owned in several counties by Ronald G. Strefling, Strefling Oil Company, or SREI Investments #1. If these entities are in the chain of title, they are likely to be subject to this lien.					
Ottawa	Tallmadge				Gov't 4	12	T6N	R13W	70-14-12-400-003
Ottawa	Crockery	Vlg of Nunica		Adsit's Add	Lot 3, Blk 3	15	T8N	R15W	70-04-15-430-018 70-04-14-320-002
Presque Isle	Presque Isle		17661 Grand Lake Blvd.		17				
Presque Isle	Presque Isle			Lot 17, of SUPERVISOR'S PLAT OF SPRINGFIELD CAMP	17				
Presque Isle	Presque Isle			Lot 17, of SUPERVISOR'S PLAT OF SPRINGFIELD CAMP	17				
Presque Isle	Presque Isle		17661 Grand Lake Blvd.		17				
Shiawassee		Owosso	1725 Corunna Ave.	A V Johnson's Add	Lots 4,5,11, 12,13 Blk 8				
Shiawassee		Owosso	210-300 E Monroe St.	A L Williams Second Addition	Blk 1= 9,10,1; Blk 2 = 1-13 AL Williams Second Add	24	R2E	T7N	78-010-652-001-004
Shiawassee	Shiawassee					26	T6N	R3E	
Shiawassee	Shiawassee					26	T6N	R3E	
St. Joseph	Colon					3	T6S	R9W	
St. Joseph				A judgement lien in case #11-156-CE is against all of the properties owned in several counties by Ronald G. Strefling, Strefling Oil Company, or SREI Investments #1. If these entities are in the chain of title, they are likely to be subject to this lien.					
St. Joseph	Colon					3	T6S	R9W	
Tuscola	Wisner	Fairgrove	9006 Bay City Forestville Rd.		Parcel B	29	T14N	R7E	10-01-0004-790-06

County	Township	City/Vlg	Address	Other Description	Lot No	Section	Town	Range	Tax Code
Tuscola		Caro		Plat of Centerville (Caro)	1 and pt 2 Blk23	3	T12N	R9E	
Van Buren				A judgement lien in case #11-156-CE is against all of the properties owned in several counties by Ronald G. Strefling, Strefling Oil Company, or SREI Investments #1. If these entities are in the chain of title, they are likely to be subject to this lien.					
Wayne	Brownstown	Flat Rock				28	T4S	R10E	58-081-99-0002-000
Wayne		Detroit	4445 Lawton aka 4450 Lawton	Plat of RR Concessions, PC 729	41-58, Out Lot 8,				
Wayne	Brownstown	Flat Rock				28	T4S	R10E	58-081-99-0001-000
Wayne	Brownstown	Flat Rock				28	T4S	R10E	58-081-99-0001-000
Wayne		Woodhaven				28	T4S	R10E	59-080-99-0008-000
Wayne	Brownstown	Flat Rock				28	T4S	R10E	58-081-99-0002-000
Wayne		Woodhaven				28	T4S	R10E	59-080-99-0004-000
Wayne		Detroit 48227	14000 Fenkell	Davy's Fenkell Ave Sub	Lots 33-36				
Wayne		Woodhaven				28	T4S	R10E	59-080-99-0008-000
Wexford		Cadillac	Blk 14		4,5,6				
Wexford		Cadillac		Outlot 6 Cummer & Hayes Add.	Outlot 6				10-056-00-026-00

10.6 Interview Documentation: MSHDA User's Questionnaire and Development Plan

**SECTION VIII: 2021 - USER'S ENVIRONMENTAL QUESTIONNAIRE
AND DISCLOSURE STATEMENT**

The Authority requires the completion of its "User's Environmental Questionnaire and Disclosure Statement" to fulfill Section 6, User's Responsibilities of the ASTM Standard E 1527-13. **The checklist is to be completed and signed by the sponsor (developer), and returned to the Environmental Professional conducting the Phase I. This questionnaire is to be reviewed by the Environmental Professional and incorporated into their Phase I report (the completed User's Questionnaire is to be included in Appendix 10.6 of the Phase I report). Failure to properly complete this process will result in delays.**

In preparing this document, the "User" (Sponsor) must make a good faith effort to answer the questions in the checklist. The User or a preparer designated by the User presents that to the best of his/her knowledge, the above statements and facts are true and correct and that to the best of the preparer's knowledge, no material facts have been omitted or misstated. Time and care should be taken to check whatever records are in the User's possession. If any of the following questions are answered in the affirmative or if answers are unknown, are qualified, or cannot be obtained, the burden is on the Environmental Professional to determine whether further inquiry is appropriate. The User should document the reason for any affirmative answer to provide the Environmental Professional with all appropriate information. Moreover, the Environmental Professional must determine if further inquiry in any area where the property owner provides incomplete information is warranted, providing written explanation for their recommendation(s).

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Relief and Brownfield's Revitalization Act of 2001 (the "Brownfield's 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.

User's (Sponsor's) Name: _____ CHN Housing Partners _____

User's (Sponsor's) Telephone No.: _216-325-1633_____

Subject Property: _Orchard Village Apartments_____

Property Address: _21652, 21636, 21624, 21610, 21604, 21566, 21556 Orchard and;
21535 & 21525 Santa Clara_____

City: _____ Detroit _____ State: MI _____ Zip: 48219 _____

1.0 _____
Are you aware of any environmental cleanup liens against the property that are filed, recorded,

or e, or local law?

YES NO If YES, please describe:

2.0 **Activity and Land Use Limitations:**

Are you aware of any activity and land use limitations, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed, recorded or unrecorded in a registry under federal, tribal, state or local law?

YES NO If YES, please describe:

3.0 **Specialized Knowledge or Experience of the User:**

(a) As the user of this ESA do you have any knowledge or experience related to the property or nearby properties that could be material to any environmental conditions of this property?

YES NO If YES, please describe:

(b) Are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

YES NO If YES, please describe:

4.0 **Relationship of Purchase Price to Fair Market Value:**

(a) Does the purchase price being paid for this property reasonably reflect the fair market value of the property?

YES NO If YES, please describe: Purchase price determined based upon competitive RFP process.

(b) If you conclude that there is a difference, have you considered whether the lower price is because contamination is known or believed to be present at the property?

YES NO X NA If YES, please describe:

5.0 **Commonly Known or Reasonably Ascertainable 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, as user,

(a) Do you know the past uses of the property? Please list: Residential homes were on the property

_____.

(b) Do you know the specific chemicals that are present or once were present at the property?

YES NO If YES, please describe:

(c) Do you know of spills or other chemical releases that have taken place at the property?

YES NO If YES, please describe:

(d) Do you know of any environmental cleanups that have taken place at the property?

YES NO If YES, please describe:

6.0 **Presence or Likely Presence of Contamination:**

As the user of this ESA and 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?

YES NO If YES, please describe:

User's Signature: Mark E. Whipkey Date 2/3/22

User Printed Name: Mark Whipkey _____
Chief of Asset Management, CHN Housing Partners

ORCHARD
48

21546 Orchard St.
Detroit, MI 48219
Architect's Stamp



Consultants

Sheet No.	Description	Date
1	SITE PLAN REVIEW	3/10/2021

Key Section

Key Plan

Sheet Name
SITE PLAN

A2.01

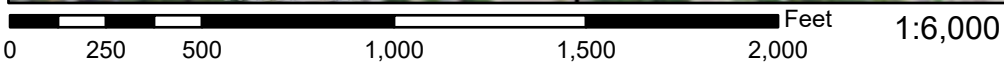
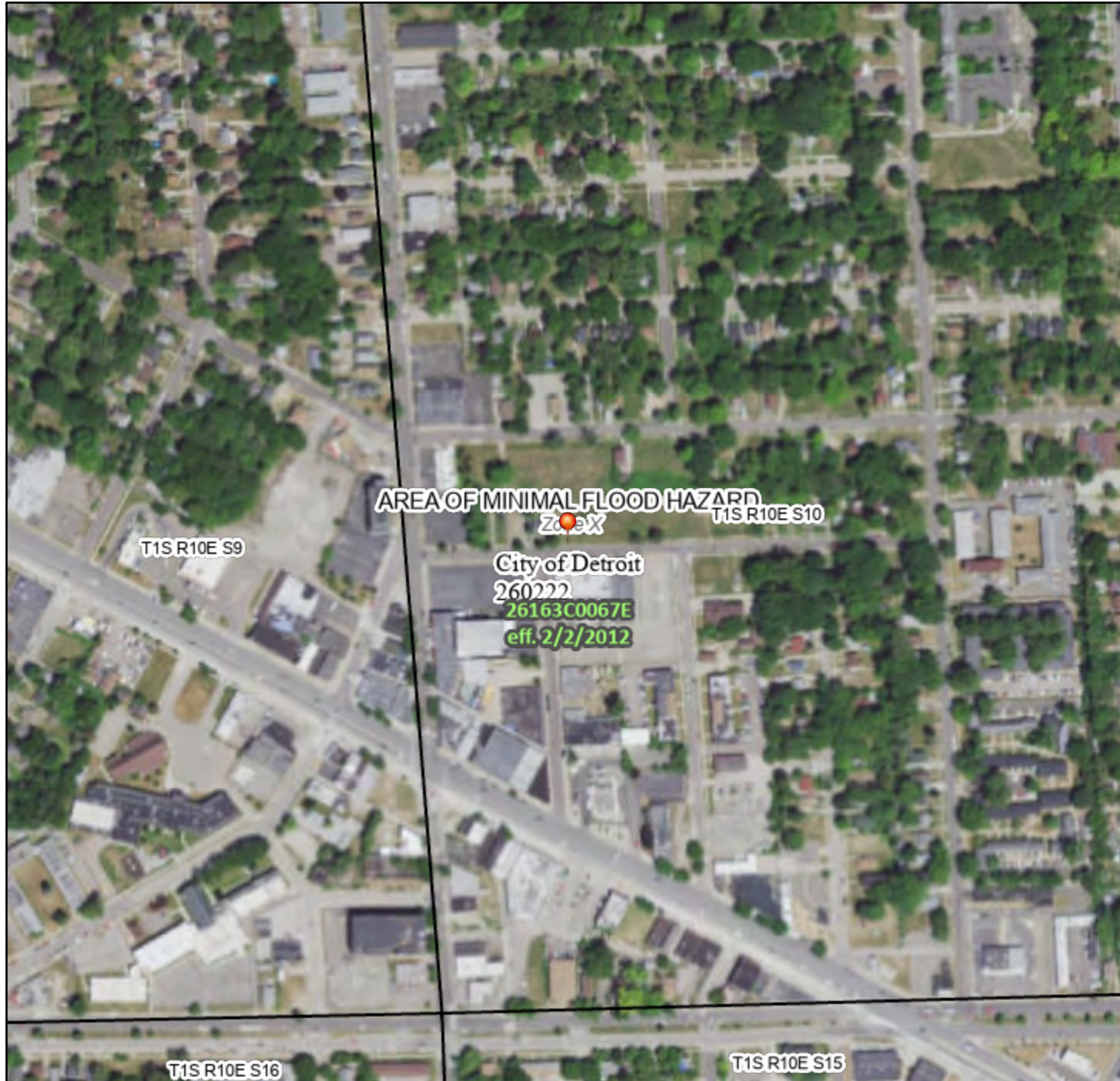


10.7 Special Contractual Conditions Between User and Environmental Professional: FEMA Firmette Map, National Wetlands Inventory Map, and Noise Assessment

National Flood Hazard Layer FIRMMette



83°15'41"W 42°25'18"N



























83°15'4"W 42°24'52"N


Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

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

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



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

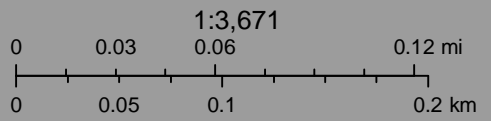
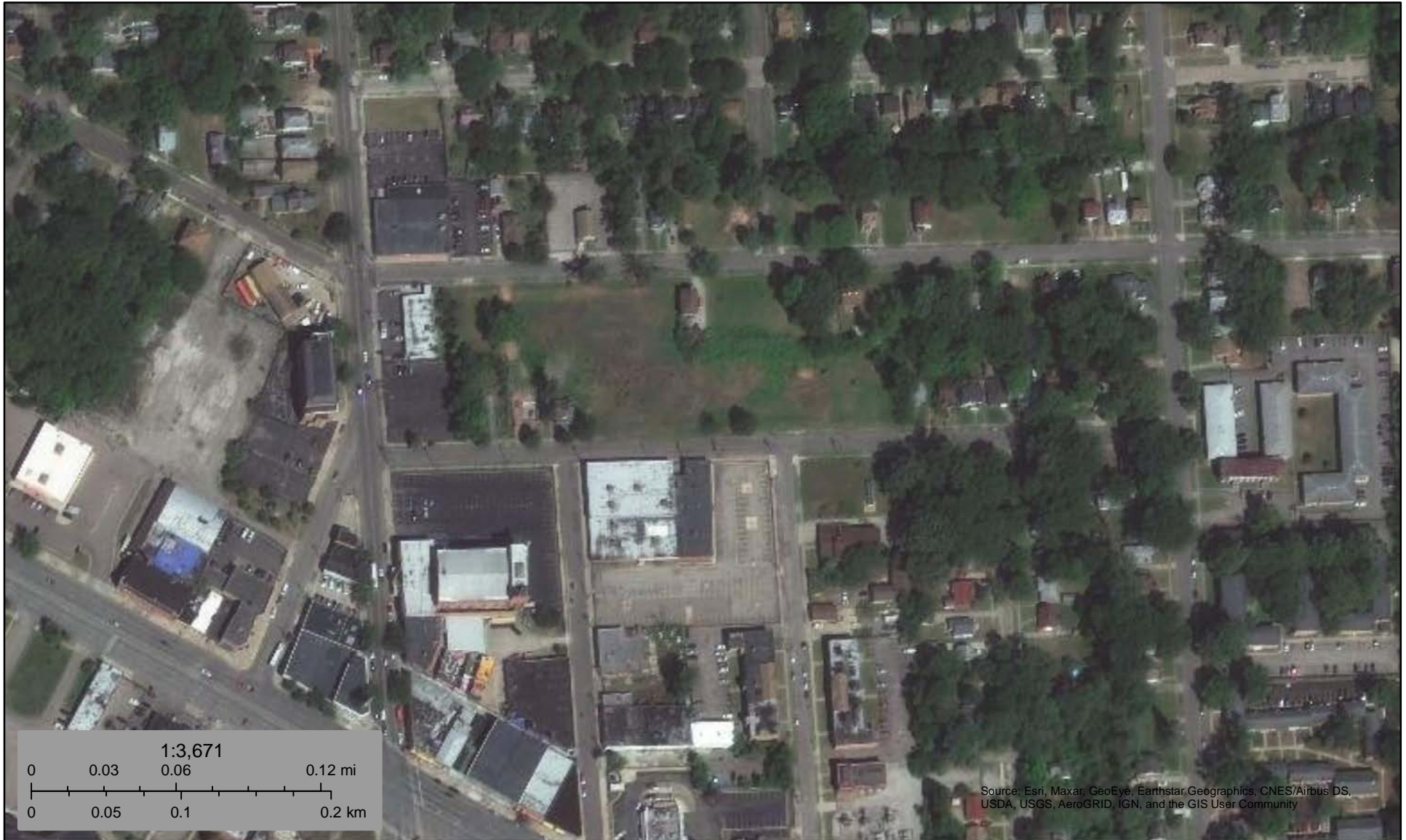
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **2/10/2022 at 8:48 AM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



No wetlands observed.



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

February 10, 2022

Wetlands

- Legend for wetland types: Estuarine and Marine Deepwater, Estuarine and Marine Wetland, Freshwater Emergent Wetland, Freshwater Forested/Shrub Wetland, Freshwater Pond, Lake, Other, Riverine.

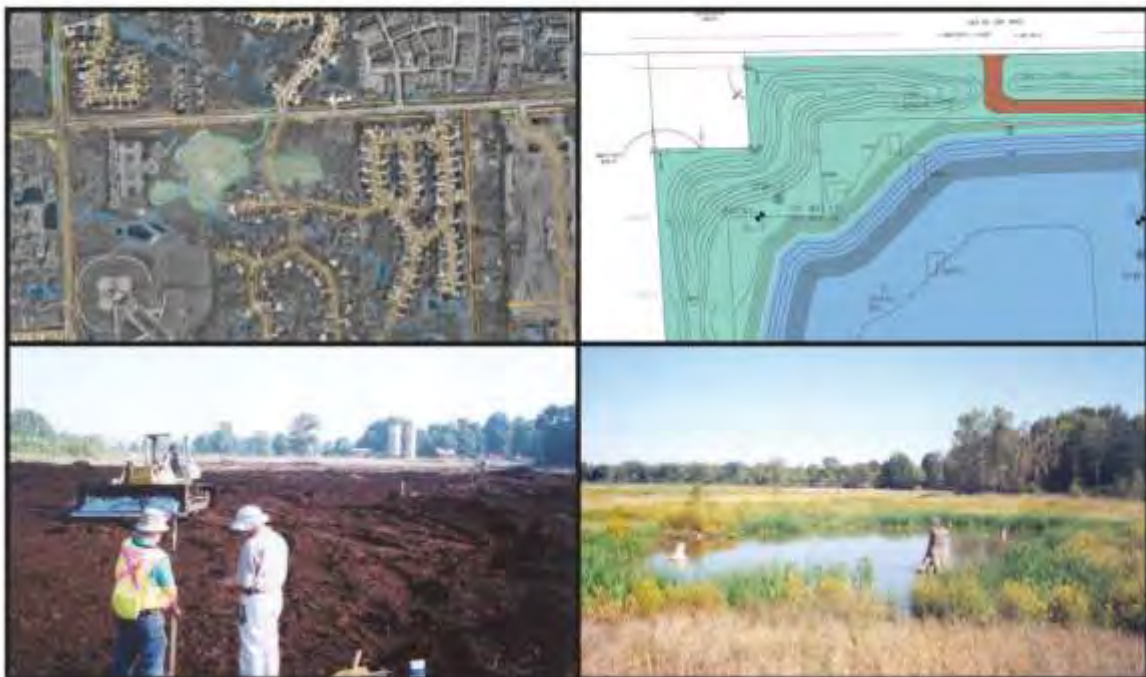
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

Noise Assessment
Orchard and Santa Clara
Multiple Sites in the Old Redford Neighborhood
Detroit, Michigan

CHN Housing Partners

January 18, 2021

ASTI ENVIRONMENTAL



Noise Assessment
Orchard and Santa Clara
Detroit, Michigan

January 18, 2022

Report Prepared For:

CHN Housing Partners
2999 Payne Avenue, Suite 134
Cleveland, Ohio 44114

Report Prepared By:

ASTI Environmental
10448 Citation Drive, Suite 100
Brighton, Michigan 48116
800-395-ASTI

ASTI Project No. 12206

Report Prepared by:



Christopher Yelonek
Associate I / Architectural Historian

Report Reviewed by:



Pamela Chapman, PE, EP
Phase I Group Leader



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2.2 Busy Roadways	3
2.3 Railroads	4
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ATTACHMENTS

- A** NAL Location Map
- B** Airport Noise Contour Map
- C** AADT Information
- D** Day-Night Level Electronic Assessment

1.0 INTRODUCTION

CHN Housing Partners proposes the development of eleven vacant lots utilizing funding provided from the Michigan State Housing Development Authority of Orchard and Santa Clara, Multiple Sites: 21652, 21636, 21624, 21610, 21604, and 21566 Orchard Street and 21535, and 21525 Santa Clara, Detroit, Michigan, referred to herein as "Subject Property".

This assessment was conducted to provide the noise level and associated noise category at each designated Noise Assessment Location (NAL) at the Subject Property. This assessment does not include an evaluation of noise attenuation but general guidance is provided at the end of this assessment.

This evaluation was conducted per guidelines set forth in 24 CFR 51B. This noise analysis evaluates the Subject Property's exposure to three major sources of noise: aircraft, roadways, and railways. If identified, additional non-transportation noise sources such as loud impulse sounds from nearby industry are also evaluated.

The following three sources of transportation noise and their applicable search distances are outlined below when evaluating noise at a site.

1. Aircraft - All military and FAA-regulated civil airfields within 15 miles of the Subject Property.
2. Roadways - Major roadways and limited access highways/freeways within 1,000 feet of the Subject Property utilizing a 10-year projection. Roadways considered are generally based on number of lanes, speed limit, presence of stop signs or lights, overall traffic counts, and/or number of medium or heavy trucks.
3. Railroad - All active railroads within 3,000 feet of the Subject Property.

The noise level calculated at a NAL is known as the day-night average sound level or DNL. A calculated DNL can fall within three categories as follow.

1. Acceptable - DNL not exceeding 65 decibels (dB)
2. Normally Unacceptable - DNL above the 65 dB threshold but not exceeding 75 dB
3. Unacceptable - DNL above 75 dB

One NAL (NAL #1) was selected on the Subject Property for this analysis based on proximity to noise sources. A map with the Subject Property boundaries and NAL location is included as Attachment A.

The following is a summary of the applicable noise sources identified at the NAL.

NAL #1

Noise Source with Applicable Distance	Name	Distance to NAL
Airport(s)	Coleman A. Young International Airport	12.27 Miles
	Detroit Metropolitan Wayne County Airport	13.65 Miles
Busy Road(s)	Grand River Avenue	817 Feet
	Lahser Road	418 Feet
	Redford Street	481 Feet
	Bentler Street	892 Feet
Railroad(s)	None	NA
Non-Transportation	None	NA

2.0 EVALUATION OF NOISE SOURCES

2.1 Airports

Coleman A. Young International Airport is approximately 12.27 miles distant. Based on the Noise Contour Map for the airport, (Attachment B), the site is not within a distance of concern.

Detroit Metropolitan Wayne County Airport is approximately 13.65 miles distant. Based on the Noise Contour Map for the airport, (Attachment B), the site is not within a distance of concern.

2.2 Busy Roadways

The major roadways are:

- Grand River Avenue
- Lahser Road
- Bentler Street
- Redford Street

Grand River Avenue is a 6-lane road with a center median/turn lane. The speed limit is 35 mph near the Subject Property. The roadway is an approximate effective distance of 817 feet from the southwestern corner of the proposed southwest building (NAL #1).

Lahser Road is a 2-lane road. The speed limit is 30 mph near the Subject Property. The roadway is an approximate effective distance of 418 feet from the southwestern corner of the proposed southwest building (NAL #1).

Redford Street is a 2-lane road. The speed limit is 25 mph near the Subject Property. The roadway is an approximate effective distance of 481 feet from the southwestern corner of the proposed southwest building (NAL #1).

Bentler Street is a 2-lane road. The speed limit is 25 mph near the Subject Property. The roadway is an approximate effective distance of 892 feet from the southwestern corner of the proposed southwest building (NAL #1).

Traffic counts were obtained through MDOT. Projections were done through 2032. After review of the traffic count information of each street, a growth rate of 1% per year compounded was judged appropriate as traffic levels are expected to remain relatively stable or increase slightly. Traffic projections are included in Attachment C.

2.3 Railroads

Not applicable.

2.4 Non-Transportation Sources

Not applicable.

3.0 CALCULATIONS

A Noise DNL calculator worksheet for NAL 1 is provided in Attachment D.

Using the HUD DNL calculator, the noise level at NAL #1, as predicted in 2032, is calculated to be 59 dB and within the Acceptable range.

4.0 CONCLUSIONS

The following is a summary of the findings of this assessment.

NAL #	Combined Source DNL (dB)	Category
1	59	Acceptable

5.0 REFERENCES

- 24 CFR Part 51 Subpart B
- The Noise Guidebook, U.S. Department of Housing and Urban Development,
- U.S. DOT
- <https://mdot.ms2soft.com/>
- <https://fragis.fra.dot.gov/GISFRASafety/>
- <https://safetydata.fra.dot.gov/OfficeofSafety/PublicSite/Crossing/Crossing.aspx>
- <https://www.hudexchange.info/programs/environmental-review/dnl-calculator/>

HUD ATTENUATION GUIDANCE

<https://www.hudexchange.info/programs/environmental-review/noise-abatement-and-control/>

All sites whose environmental or community noise exposure exceeds the day night average sound level (DNL) of 65 decibels (dB) are considered noise-impacted areas. For new construction that is proposed in high noise areas, grantees shall incorporate noise attenuation features to the extent required by HUD environmental criteria and standards contained in Subpart B (Noise Abatement and Control) of 24 CFR Part 51. The interior standard is 45 dB.

The "Normally Unacceptable" noise zone includes community noise levels from above 65 dB to 75 dB. Approvals in this noise zone require a minimum of 5 dB additional sound attenuation for buildings having noise-sensitive uses if the day-night average sound level is greater than 65 dB but does not exceed 70 dB, or a minimum of 10 dB of additional sound attenuation if the day-night average sound level is greater than 70 dB but does not exceed 75 dB.

Locations with day-night average noise levels above 75 dB have "Unacceptable" noise exposure. For new construction, noise attenuation measures in these locations require the approval of the Assistant Secretary for Community Planning and Development (for projects reviewed under Part 50) or the Responsible Entity's Certifying Officer (for projects reviewed under Part 58). The acceptance of such locations normally requires an environmental impact statement.

The environmental review record should contain **one** of the following:

- Documentation the proposed action is not within 1000 feet of a major roadway, 3,000 feet of a railroad, or 15 miles of a military or FAA-regulated civil airfield.
- If within those distances, documentation showing the noise level is *Acceptable* (at or below 65 DNL).
- If within those distances, documentation showing that there's an effective noise barrier (i.e., that provides sufficient protection).

- Documentation showing the noise generated by the noise source(s) is *Normally Unacceptable* (66 – 75 DNL) and identifying noise attenuation requirements that will bring the interior noise level to 45 DNL and/or exterior noise level to 65 DNL.

ATTACHMENT A

NAL Location Map



Service Layer Credits: Detroit_RGB_projFix_sid:

Orchard & Santa Clara

21624 Orchard Street,
Detroit, MI

0 37.5 75

150
Feet

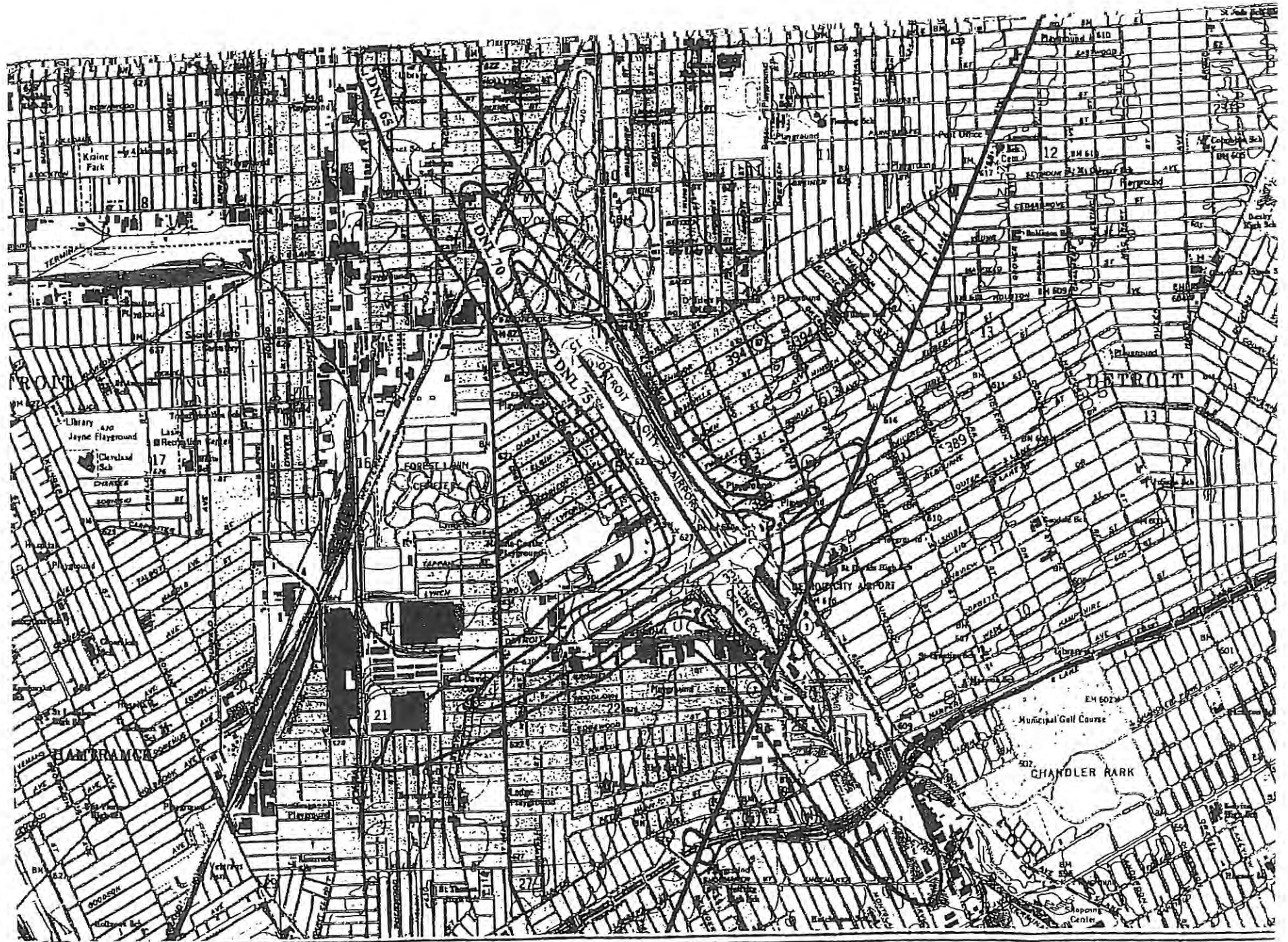


Created for: CHN Housing Partners
Created by: RMH, January 5, 2022, ASTI Project 12206

Site Features Map

ATTACHMENT B

Airport Noise Contour Maps



CITY OF DETROIT
 AIRPORT DEPARTMENT

1996 BAS
 NOISE EXPOSURE
 CONTOURS

the 1990s, the number of people in the world who are under 15 years of age is expected to increase from 1.1 billion to 1.5 billion (United Nations 1998).

There are a number of reasons why the number of children in the world is increasing. One of the main reasons is that the number of children who are surviving to adulthood is increasing. This is due to a number of factors, including improved medical care, better nutrition, and a decrease in child mortality rates.

Another reason why the number of children in the world is increasing is that the number of children who are being born is increasing. This is due to a number of factors, including a decrease in the age at which women are having children, and an increase in the number of children who are being born to women who are already having children.

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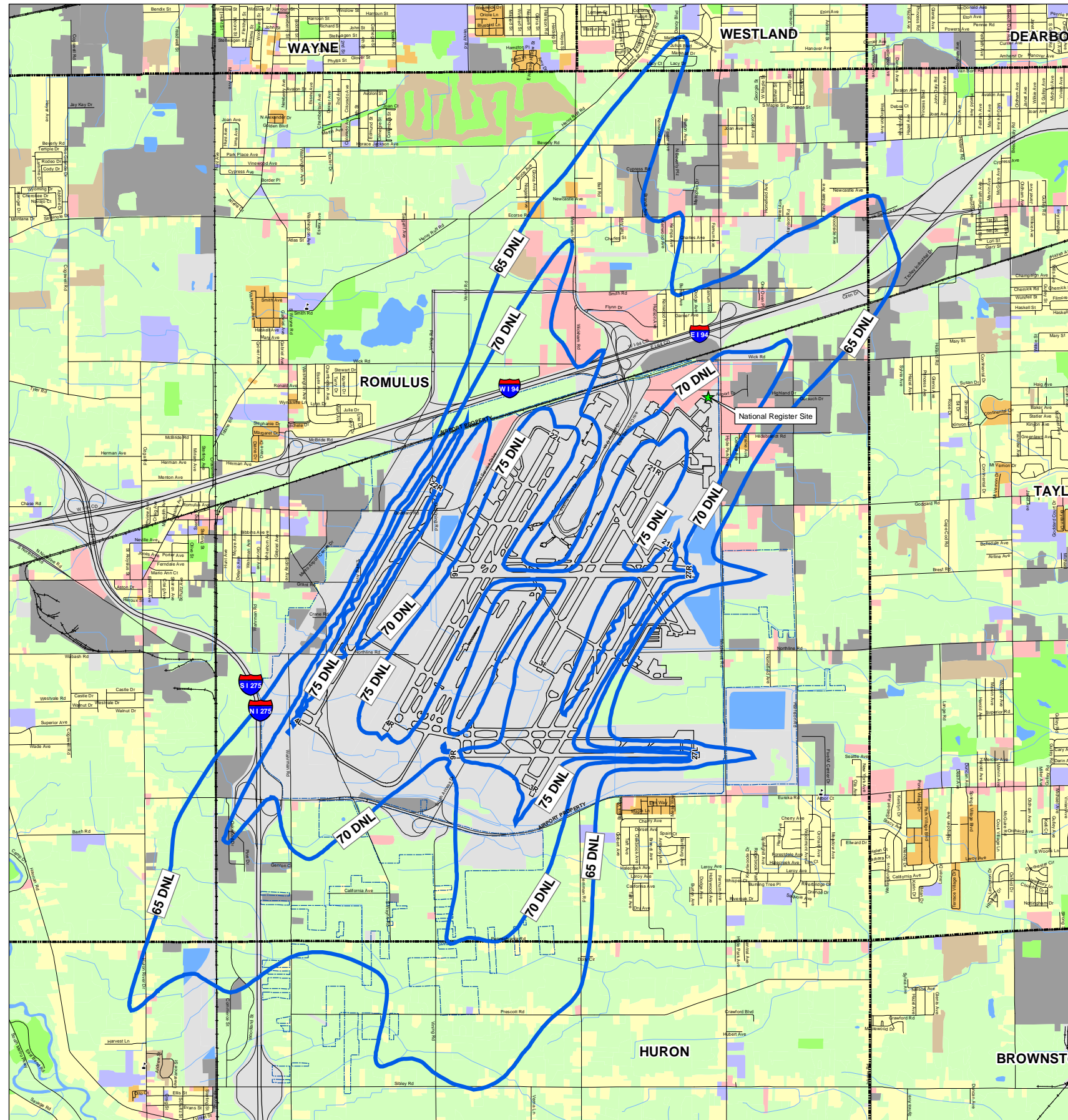
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Figure D25 Existing (2004) Noise Exposure Map



Land Use Legend

- Single-family residential
- Residential areas with 25% or more vacant land
- Multiple-family residential
- Commercial and office
- Industrial
- Institutional
- Transportation, communication, and utility
- Under development
- Cultural, outdoor recreation, and cemetery
- Woodland and wetland
- Active agriculture
- Extractive and barren
- Grassland, and shrub
- Vacant nonresidential
- Water
- City Limits Boundary
- Schools

The 65 DNL contour contains approximately 9,475 acres, 750 residential structures and 1,400 people.

The 70 DNL contour contains approximately 4,505 acres, 30 residential structures and 40 people.

The 75 DNL contour contains approximately 1,580 acres, no residential structures and no people.

Planning jurisdictions are shown on the map.

Noise measurement sites and flight tracks are depicted on the Noise Measurement Sites and Flight Tracks Maps.

Residential land use, as defined by FAR Part 150, is an incompatible use without proper sound attenuation within the 65 DNL or greater contour.

The Noise Exposure Maps and accompanying documentation for the Noise Exposure Map for Detroit Metropolitan Wayne County Airport, submitted in accordance with FAR Part 150 with the best available information, are hereby certified as true and complete to the best of my knowledge and belief.

In addition, it is hereby certified that the public was afforded the opportunity to review and comment on the document and its contents.

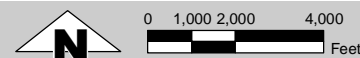
Signed *Steve Robinson* Date 3-6-06

	Existing (2004)	
	Population	Housing
65-70 DNL		
Huron Township	160	60
Romulus	1,060	490
Taylor	10	10
Westland	110	50
Subtotal	1,340	610
70-75 DNL		
Romulus	40	20
Subtotal	40	20
65 DNL & Greater		
Huron Township	160	60
Romulus	1,100	510
Taylor	10	10
Westland	110	50
Subtotal	1,380	630
60 DNL & Greater*		
Dearborn Heights	1,100	360
Huron Twp.	2,460	920
Inkster	4,420	1,870
Romulus	4,340	1,810
Sumpter Twp.	40	10
Taylor	3,860	1,500
Westland	2,970	1,250
Total	19,190	7,720

Source: 2000 US Census Numbers rounded to the nearest 10 - for digits less than 5, rounded to 10.
 Note: no residential uses are located in the 75 DNL and greater contours.
 * includes the 65 DNL & Greater

Based on 522,641 operations.

March 1, 2006



Source: Michigan Department of Natural Resources, SEMCOG

ATTACHMENT C

AADT Information

Auto and Heavy Truck 10-year ADT Projections

Grand River Avenue

	Cars	% Change	Trucks	% Change
2016	22590		427	
2017	20587	-8.9	405	-5.2
2018	20572	-0.1	420	3.7
2019	19272	-6.3	381	-9.3
2020	15405	-20.1	298	-21.8
Avg % change:		-8.8	Avg % change:	-8.13
Avg % change (Last 5-yr Trend):		-20.1	Avg % change (Last 5-yr Trend):	-21.78
% Change/Year Assumption		1	%/Year Change Assumption	1

2032 Projections

	Cars	Trucks
2020	15405	298
2021	15559	301
2022	15715	304
2023	15872	307
2024	16031	310
2025	16191	313
2026	16353	316
2027	16516	319
2028	16681	323
2029	16848	326
2030	17017	329
2031	17187	332
2032	17359	336

Predicted 2032 Auto ADT	Predicted 2032 Truck ADT
17359	336

Auto and Heavy Truck 10-year ADT Projections

Lahser Road

	Cars	% Change	Trucks	% Change
2017	7693		239	
2018	7717	0.3	215	-10.0
2019	7584	-1.7	308	43.3
2020	6415	-15.4	325	5.5
	Avg % change:	-5.6	Avg % change:	12.91
	Avg % change (Last 5-yr Trend):	-5.6	Avg % change (Last 5-yr Trend):	282.67
	% Change/Year Assumption	1	%/Year Change Assumption	1

2032 Projections

	Cars	Trucks
2020	6415	325
2021	6479	328
2022	6544	332
2023	6609	335
2024	6675	338
2025	6742	342
2026	6810	345
2027	6878	348
2028	6947	352
2029	7016	355
2030	7086	359
2031	7157	363
2032	7229	366

Predicted 2032 Auto ADT	Predicted 2032 Truck ADT
7229	366

the 1990s, the number of people in the world who are under 15 years of age is expected to increase from 1.1 billion to 1.5 billion (United Nations 1998).

There are a number of reasons why the number of children in the world is increasing. One of the main reasons is that the number of children who are surviving to the age of 5 has increased significantly in the past few decades. This is due to a number of factors, including improved medical care, better nutrition, and a decrease in the number of children who are dying from preventable diseases.

Another reason why the number of children in the world is increasing is that the number of children who are being born is increasing. This is due to a number of factors, including a decrease in the number of children who are being aborted and a decrease in the number of children who are being adopted.

The number of children in the world is increasing, and this is a cause for concern. There are a number of reasons why this is a cause for concern, including the fact that the number of children who are living in poverty is increasing and the number of children who are being abused is increasing.

There are a number of things that can be done to help reduce the number of children in the world. One of the most important things is to improve the health care system, so that more children are surviving to the age of 5.

Another important thing is to improve the nutrition of children, so that they are better able to resist disease. This can be done by providing children with a diet that is rich in vitamins and minerals.

It is also important to reduce the number of children who are being born. This can be done by providing women with access to family planning services, so that they can control the number of children they have.

Finally, it is important to reduce the number of children who are being abused. This can be done by providing children with a safe and supportive environment, so that they are better able to resist abuse.

There are a number of things that can be done to help reduce the number of children in the world. It is important to improve the health care system, to improve the nutrition of children, to reduce the number of children who are being born, and to reduce the number of children who are being abused.

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Auto and Heavy Truck 10-year ADT Projections

Redford Street

	Cars	% Change	Trucks	% Change
2016	1452		0	
2017	927	-36.2	46	
2018	947	2.2	26	-43.5
2019	929	-1.9	39	50.0
2020	768	-17.3	59	51.3
Avg % change:		-13.3	Avg % change:	19.27
Avg % change (Last 5-yr Trend):		-17.3	Avg % change (Last 5-yr Trend):	51.28
% Change/Year Assumption		1	%/Year Change Assumption	1

2032 Projections

	Cars	Trucks
2020	768	59
2021	776	60
2022	783	60
2023	791	61
2024	799	61
2025	807	62
2026	815	63
2027	823	63
2028	832	64
2029	840	65
2030	848	65
2031	857	66
2032	865	66

Predicted 2032 Auto ADT	Predicted 2032 Truck ADT
865	66

the 1990s, the number of people in the UK who are aged 65 and over has increased from 10.5 million to 13.5 million (15.5% of the population).

There is a growing awareness of the need to address the needs of older people, and the Government has set out a strategy for the 21st century in the White Paper on *Ageing Better: A Strategy for the 21st Century* (Department of Health 1999). This sets out a vision of a society in which older people are able to live well, and to contribute to society. It also sets out a number of key objectives for the health care system, including:

• to ensure that older people have access to the services they need to live well, and to contribute to society;
 • to ensure that older people are able to live in their own homes, and to continue to contribute to society;
 • to ensure that older people are able to live well, and to contribute to society.

The White Paper also sets out a number of key objectives for the health care system, including:

• to ensure that older people have access to the services they need to live well, and to contribute to society;
 • to ensure that older people are able to live in their own homes, and to continue to contribute to society;
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• to ensure that older people have access to the services they need to live well, and to contribute to society;
 • to ensure that older people are able to live in their own homes, and to continue to contribute to society;
 • to ensure that older people are able to live well, and to contribute to society.

Auto and Heavy Truck 10-year ADT Projections

Bentler Street

	Cars	% Change	Trucks	% Change
2016	1659		0	
2017	1970	18.7	79	
2018	1996	1.3	53	-32.9
2019	1958	-1.9	81	52.8
2020	1620	-17.3	121	49.4
Avg % change:		0.2	Avg % change:	23.10
Avg % change (Last 5-yr Trend):		-17.3	Avg % change (Last 5-yr Trend):	49.38
% Change/Year Assumption		1	%/Year Change Assumption	1

2032 Projections

	Cars	Trucks
2020	1620	121
2021	1636	122
2022	1653	122
2023	1669	123
2024	1686	125
2025	1703	126
2026	1720	127
2027	1737	128
2028	1754	130
2029	1772	131
2030	1789	132
2031	1807	134
2032	1825	135

Predicted 2032 Auto ADT	Predicted 2032 Truck ADT
1825	135

ATTACHMENT D

Day-Night Level Electronic Assessments

[Home \(/\)](#) > [Programs \(/programs/\)](#) > [Environmental Review \(/programs/environmental-review/\)](#) > DNL Calculator

DNL Calculator

The Day/Night Noise Level Calculator is an electronic assessment tool that calculates the Day/Night Noise Level (DNL) from roadway and railway traffic. For more information on using the DNL calculator, view the [Day/Night Noise Level Calculator Electronic Assessment Tool Overview \(/programs/environmental-review/daynight-noise-level-electronic-assessment-tool/\)](#).

Guidelines

- To display the Road and/or Rail DNL calculator(s), click on the "Add Road Source" and/or "Add Rail Source" button(s) below.
- All Road and Rail input values must be positive non-decimal numbers.
- All Road and/or Rail DNL value(s) must be calculated separately before calculating the Site DNL.
- All checkboxes that apply must be checked for vehicles and trains in the tables' headers.
- **Note #1:** Tooltips, containing field specific information, have been added in this tool and may be accessed by hovering over all the respective data fields (site identification, roadway and railway assessment, DNL calculation results, roadway and railway input variables) with the mouse.
- **Note #2:** DNL Calculator assumes roadway data is always entered.

DNL Calculator

Site ID	<input type="text" value="12206"/>
Record Date	<input type="text" value="12/22/2021"/>
User's Name	<input type="text" value="ASTI Environmental NAL 1"/>

Road # 1 Name:	<input type="text" value="Grand River Avenue"/>
-----------------------	---

Road #1

Vehicle Type	Cars <input checked="" type="checkbox"/>	Medium Trucks <input type="checkbox"/>	Heavy Trucks <input checked="" type="checkbox"/>
Effective Distance	817		817
Distance to Stop Sign			
Average Speed	35		35
Average Daily Trips (ADT)	17359		336
Night Fraction of ADT	15		15
Road Gradient (%)			2
Vehicle DNL	48	0	51
Calculate Road #1 DNL	53	Reset	

Road # 2 Name:

Road #2

Vehicle Type	Cars <input checked="" type="checkbox"/>	Medium Trucks <input type="checkbox"/>	Heavy Trucks <input checked="" type="checkbox"/>
Effective Distance	418		418
Distance to Stop Sign			
Average Speed	30		30
Average Daily Trips (ADT)	7229		366
Night Fraction of ADT	15		15
Road Gradient (%)			2
Vehicle DNL	47	0	56
Calculate Road #2 DNL	57	Reset	

Road # 3 Name:

Road #3

Vehicle Type	Cars <input checked="" type="checkbox"/>	Medium Trucks <input type="checkbox"/>	Heavy Trucks <input checked="" type="checkbox"/>
Effective Distance	<input type="text" value="481"/>	<input type="text"/>	<input type="text" value="481"/>
Distance to Stop Sign	<input type="text" value="461"/>	<input type="text"/>	<input type="text" value="461"/>
Average Speed	<input type="text" value="25"/>	<input type="text"/>	<input type="text" value="25"/>
Average Daily Trips (ADT)	<input type="text" value="865"/>	<input type="text"/>	<input type="text" value="66"/>
Night Fraction of ADT	<input type="text" value="15"/>	<input type="text"/>	<input type="text" value="15"/>
Road Gradient (%)	<input type="text"/>	<input type="text"/>	<input type="text" value="2"/>
Vehicle DNL	<input type="text" value="34"/>	<input type="text" value="0"/>	<input type="text" value="50"/>
<input type="button" value="Calculate Road #3 DNL"/>	<input type="text" value="50"/>	<input type="button" value="Reset"/>	

Road # 4 Name:

Road #4

Vehicle Type	Cars <input checked="" type="checkbox"/>	Medium Trucks <input type="checkbox"/>	Heavy Trucks <input checked="" type="checkbox"/>
Effective Distance	<input type="text" value="892"/>	<input type="text"/>	<input type="text" value="892"/>
Distance to Stop Sign	<input type="text"/>	<input type="text"/>	<input type="text"/>
Average Speed	<input type="text" value="25"/>	<input type="text"/>	<input type="text" value="25"/>
Average Daily Trips (ADT)	<input type="text" value="1825"/>	<input type="text"/>	<input type="text" value="135"/>
Night Fraction of ADT	<input type="text" value="15"/>	<input type="text"/>	<input type="text" value="15"/>

Road Gradient (%)			2
Vehicle DNL	35	0	47
Calculate Road #4 DNL	47	Reset	
<div style="display: flex; justify-content: space-around;"> Add Road Source Add Rail Source </div>			
Airport Noise Level			
Loud Impulse Sounds?	<input type="radio"/> Yes <input checked="" type="radio"/> No		
Combined DNL for all Road and Rail sources	59		
Combined DNL including Airport	N/A		
Site DNL with Loud Impulse Sound			
<div style="display: flex; justify-content: space-around;"> Calculate Reset </div>			

Mitigation Options

If your site DNL is in Excess of 65 decibels, your options are:

- **No Action Alternative:** Cancel the project at this location

- **Other Reasonable Alternatives:** Choose an alternate site
- **Mitigation**
 - Contact your Field or Regional Environmental Officer (</programs/environmental-review/hud-environmental-staff-contacts/>)
 - Increase mitigation in the building walls (only effective if no outdoor, noise sensitive areas)
 - Reconfigure the site plan to increase the distance between the noise source and noise-sensitive uses
 - Incorporate natural or man-made barriers. See *The Noise Guidebook* (</resource/313/hud-noise-guidebook/>)
 - Construct noise barrier. See the **Barrier Performance Module** (</programs/environmental-review/bpm-calculator/>)

Tools and Guidance

Day/Night Noise Level Assessment Tool User Guide (</resource/3822/day-night-noise-level-assessment-tool-user-guide/>)

Day/Night Noise Level Assessment Tool Flowcharts (</resource/3823/day-night-noise-level-assessment-tool-flowcharts/>)

10.8 Qualifications of the Environmental Professional(s): Resume of EP(s)
and Additional Staff



ANTHONY LLOYD SPENCER
Environmental Professional

PROFILE

Certifications

Environmental Professional (AAI)
40-Hour OSHA HAZWOPER Training
HUD Basic Environmental Training, August 2012

Education

Wayne State University, B.S., 2011, Environmental Science, Minor, Geology

Experience History

Environmental Professional, Property Service Group, ASTI ENVIRONMENTAL
Research Assistant, Ohio State University, School of Environment and Natural Resources
Research Assistant, Wayne State University, Department of Biology

Professional Background

Mr. Spencer specializes in Phase I Environmental Site Assessments (ESAs). He has completed ESAs for residential, commercial, and industrial sites. He has experience working in Michigan, Ohio, Kentucky, Oklahoma, Pennsylvania, and North Carolina. Work has included vacant land, apartment complexes, residential scattered lots, former plating facilities, print shops, landfills, auto garages, gasoline stations, and schools. The property evaluations have included site inspections; historical research; and contact with federal, state, and local agencies. Mr. Spencer also has experience assisting with Phase II ESA sampling and report preparation, noise assessments, NEPA reporting, HUD narratives, and SHPO consultation. Mr. Spencer has also conducted tree identification and timber cruising for the U.S. Fish & Wildlife Service in Michigan's Upper Peninsula.

Years' Experience:

9—ASTI ENVIRONMENTAL
2—other firms

ENVIRONMENTAL SCREENING

Environmental Screening Products

Completed Phase I ESAs, Environmental Transaction Screens, Desktop Assessments, and Peer Reviews for land transactions, refinancing, funding applications to government agencies, tenants and landlords, and for self-evaluations for owners.

Scope of Work Compliance

Completed environmental due diligence meeting ASTM standards and a variety of lender requirements, for example the Michigan State Housing Development Authority, the U.S. Department of Housing and Urban Development, Freddie Mac, Fannie Mae, the U.S. Small Business Administration, and numerous lending institutions.

Assists clients in obtaining Non-Scope information that is unique to lenders and agencies:

- Asbestos Documentation
- Lead-Based Paint Documentation
- Radon Information
- Base Flood Elevation
- ALTA Surveys
- Wetland Delineations
- Electric Magnetic Field Screening
- High Pressure Buried Gas Screening
- Noise Assessments
- Obtaining Lien and AUL Information

Tasks and Experience

Completed inspections, research, and report writing for undeveloped, vacant, agricultural, residential, commercial, and industrial properties.

Identified Recognized Environmental Conditions and provided valuable information to the clients to evaluate risk.

Examples of identified Recognized Environmental Conditions:

- **Auto services** with active and historical storage tanks, oil-water separators, hoist systems, paint systems, and septic systems
- **Dry cleaners** with active and historical service equipment, such as cleaning machines and storage tanks
- **Industrial sites** with regulatory violations and active and historical equipment pits, storage tanks, dipping tanks, wastewater treatment systems, and paint systems
- **Previous environmental reports**, for example Phase II ESAs, Baseline Environmental Assessments, Closure Reports, and Response Activity Plans
- **Landfills or dumps**; active, closed, and non-permitted
- **Fuel oil underground storage tanks** at residential, commercial, and industrial sites
- **Orphaned underground storage tanks**

ENVIRONMENTAL CONCERN EVALUATION

In response to environmental screening products, develops scopes of work to evaluate concerns related to soil, groundwater, and vapor impacts from auto services, dry cleaners, industrial uses, previous environmental reports, dumps, and potentially orphaned underground storage tanks.

Completed field work related to soil boring installation and sampling, monitoring well sampling, soil gas sampling, indoor air sampling, and overseeing geophysical surveys.



PAMELA S. CHAPMAN, PE
Group Leader Phase I ESAs

PROFILE

Certifications/Licenses

Professional Engineer (PE), MI No. 67062
Environmental Professional (AAI)
OSHA 29 CFR 1910.120 HAZWOPER 40-Hour and 8-Hour Refresher (2019)
American Red Cross Adult First Aid and CPR Certified
ASTM Certification in Risk-Based Corrective Action (RBCA) Applied at Petroleum Release Sites
ITRC, Petroleum Vapor Intrusion: Fundamentals of Screening, Investigation, and Management
ITRC, Light Non-Aqueous Phase Liquids
EDR ASTM E1527-13 Online Course

Education

University of Michigan, B.S.E., Civil Engineering

Experience History

Group Leader Phase I ESAs, Property Services Group, ASTI Environmental
Project Manager, Inland Seas Engineering, Inc.
Project Manager, Environmental Investigations, Inc.
Project Engineer, Testing Engineers & Consultants, Inc.
Project Engineer, Dell Engineering, Inc.

Professional Background

Ms. Chapman has more than 27 years experience in the environmental industry in a variety of areas including Phase I environmental site assessments (ESAs), Phase II ESAs, baseline environmental assessments (BEAs), due care plans, subsurface investigations (soil, groundwater, and vapor testing), soil and groundwater evaluations, vapor intrusion investigations, underground storage tank (UST) closures, and hazardous materials/waste inspections. Ms. Chapman specializes in Phase I ESAs completed in accordance with the US EPA AAI, ASTM Practice E1527-13, and lender specific requirements (e.g. HUD, MSHDA, OHFA, Comerica, PNC, TCF Bank). The ESAs also include other standards such as ASTM Practices E2600-15 (Vapor Encroachment Screening), E2257-16 (Forest or Rural Property), and E1528-14 (Transaction Screen). She has completed ESAs for residential, commercial, and industrial sites. Work has included vacant land, residential lots, schools, dry cleaners, print shops, landfills, auto garages, gasoline stations, and a former foundry. The property evaluations have included site inspections, historical research, and contact with federal, state, and local agencies. Ms. Chapman has also prepared numerous BEAs, due care plans, leaking UST reports, and Part 201 No Further Action reports.

Years Experience:

2 --- ASTI
26 --- other Firms

ENVIRONMENTAL DUE DILIGENCE AND SITE INVESTIGATION PROJECTS

Environmental Site Assessments

Completed numerous site assessments for a variety of projects (vacant land, agricultural, residential, commercial, and industrial) to determine the environmental condition of the sites for real estate transactions. Projects involved both surface and subsurface evaluations of sites for a variety of hazardous substances. Responsibilities included the preparation and/or review of ASTM Phase I and Phase II ESAs, Baseline Environmental Assessments (BEAs), and Due Care Plans. Ms. Chapman is also knowledgeable with All Appropriate Inquiries (AAI) per 40 CFR Part 312 and meets the requirements of an Environmental Professional per AAI.

Commercial Building, Lapeer, Michigan

Conducted file review, site inspection, and report preparation for a Phase I ESA which identified RECs related to offsite dry cleaning. Performed a Phase II ESA, BEA, and Due Care Plan including indoor air sampling.

Former Farm, Washington Township, Michigan

Conducted report preparation for a Phase I ESA that identified RECs related to onsite USTs, pesticide use, and hazardous substance spills. Performed a Phase II ESA, BEA, and Due Care Plan.

Commercial Building, Lapeer, Michigan

Conducted file review, site inspection, and report preparation for a Phase I ESA which identified RECs related to an offsite filling station. Performed a Phase II ESA including a vapor migration evaluation.

UNDERGROUND STORAGE TANKS AND PETROLEUM REMEDIATION PROJECT

Light Products Terminal, Detroit, Michigan

Performed and managed field investigations including soil drilling, monitoring well installation, hydraulic conductivity testing, and soil, groundwater, and indoor air sampling. Managed remediation of released product. Coordinated soil characterization for off-site disposal.

Gasoline Station Release, Highland, Michigan

Managed and conducted environmental investigations to support a FAR including groundwater elevation surveys, collecting groundwater, soil, and LNAPL samples, data

interpretation and reduction, and risk based corrective action evaluation. Remedial work included removal of underground storage tanks and soil excavation. Assisted with oversight of construction observation of water main installation. Key aspects of the work included extensive public involvement activities to keep township officials and community members updated on the project progress.

Gasoline Station Release, Ann Arbor, Michigan

Managed environmental investigations to support a Closure Report including groundwater elevation surveys, gauging for non-aqueous phase liquid, collecting groundwater, soil, and LNAPL samples, data interpretation and reduction, and risk based corrective action evaluation. Remediation consisted of an SVE system. Prepared a Closure Report accepted by EGLE.

Pipeline Remediation, Reed City, Michigan

Managed a comprehensive site investigation and excavation program including a NAPL mobility risk assessment at an oil and gas facility. Managed investigation and pre-characterization programs, prepared construction specifications and soil management plans. Managed construction observation of soil excavation and coordinated soil on-site reuse or off-site disposal.

VAPOR INTRUSION EVALUATIONS

Vapor Intrusion Evaluation, LUST Sites, Michigan

Conducted vapor intrusion studies at operating and closed gasoline stations to evaluate onsite conditions and offsite migration of known vapor plumes and potential vapor migration. Scope of work included coordination of vapor intrusion points, vapor sample collection, and coordination of chemical testing.

Residential Property, Rodney, Michigan

Conducted a vapor intrusion study at an occupied residence to assess potential vapor migration from a heating oil tank spill. Scope of work included coordination of vapor intrusion points, vapor sample collection and coordination, of chemical testing.

10.9 MSHDA Phase I Letter of Reliance

PRIVILEGED AND CONFIDENTIAL

Dan Lince
Environmental Manger
Rental Development Division
Michigan State Housing Development
Authority 735 East Michigan Avenue
Lansing, Michigan 48912

RE: Phase I ESA for: Orchard Village Apartments, Orchard Street and Santa Clara Street,
Detroit, Michigan, ASTI Project 12206 dated February 15, 2022

Dear Mr. Lince:

Please find enclosed the Phase I Environmental Site Assessment for the subject property dated
February 15, 2022 to the Michigan State Housing Development Authority.

It is my understanding that the information contained in the Phase I Environmental Site Assessment
will be used by the Authority in considering proposed financing of residential development of the
subject property and, furthermore, that the Authority may rely upon the Phase I Environmental Site
Assessment as if it were issued to the Authority.

I **represent** that the attached is a true, correct and complete copy of the Phase I Environmental Site
Assessment for the above captioned property and that the report represents my professional opinion of
the site as of this date and that I meet the definition of an Environmental Professional as defined in
Section 312.10 of 40 CFR 312. I also **represent** that the Phase I Environmental Site Assessment
including the evaluation, recommendations, and conclusions as of this date has been performed in
conformance with the scope and limitations of the ASTM Practice E 1527-13, ASTM Practice E 2600-
15, and MSHDA's Environmental Review Requirements for 2022.

Sincerely,

ASTI Environmental



Pamela Chapman, PE, EP
Phase I Group Leader

10.10 Copy of Environmental Professional Insurance Certificate

ASTI ENVIRONMENTAL
ENVIRONMENTAL INVESTIGATION, REMEDIATION, COMPLIANCE AND
RESTORATION PROJECTS THROUGHOUT THE GREAT LAKES SINCE 1985.

OUR SERVICES INCLUDE:

- **ASBESTOS, LEAD, MOLD, AND RADON ASSESSMENTS**
- **BROWNFIELD/GREYFIELD REDEVELOPMENT ASSISTANCE**
- **DEVELOPMENT INCENTIVES AND GRANT MANAGEMENT**
- **ECOLOGICAL ASSESSMENTS AND RESTORATION**
- **ENVIRONMENTAL ASSESSMENTS AND IMPACT STATEMENTS**
- **ENVIRONMENTAL OPPORTUNITIES ASSESSMENT**
- **GIS MAPPING**
- **HAZARD MITIGATION PLANNING**
- **MINING AND RECLAMATION ASSISTANCE**
- **REMEDIATION IMPLEMENTATION, OPERATION AND MAINTENANCE**
- **PHASE I ESA AND ENVIRONMENTAL DUE DILIGENCE ASSESSMENTS**
- **REGULATORY COMPLIANCE AND PERMITTING**
- **SOIL AND GROUNDWATER ASSESSMENTS**
- **SOIL AND GROUNDWATER REMEDIATION**
- **STORAGE TANK COMPLIANCE AND CLOSURE**
- **THREATENED AND ENDANGERED SPECIES SURVEYS**
- **WATERSHED AND STORMWATER MANAGEMENT PROGRAMS**
- **WETLAND DELINEATION, PERMITTING, MITIGATION AND BANKING**