

Phase I Environmental Site Assessment
2.8 Acres of Vacant Land
7850 E. Jefferson Avenue
Detroit, Michigan

GDC-East Jefferson LLC
February 21, 2019

ASTI ENVIRONMENTAL



SECTION IX

2018 MSHDA PHASE I SUMMARY COVER SHEET

Project Name:	2.8 acres of vacant land		
Project Address:	7850 E. Jefferson Ave.		
Sponsors Name:	Nathan Keup	Sponsor E-mail:	Nkeup@ginosko.com
Consulting Firm:	ASTI Environmental		
Consultant Phone:	(810)225-2800	E-mail:	aspencer@asti-env.com
Consultant Project #:	1-10105	Report Date:	February 21, 2019

Additional Site Info (please complete if known)			
Site area:	2.8 (in acres)	# Units planned:	
Vacant land:	<input checked="" type="checkbox"/>	Developed:	<input type="checkbox"/>
Vacant Structure(s):	<input type="checkbox"/>	# vacant	
Single Site:	<input type="checkbox"/>	Scattered sites:	<input type="checkbox"/>
Rehab of existing structure(s):	<input type="checkbox"/>	New Construction <u>with</u> planned demolition of existing structure(s):	<input type="checkbox"/>
Adaptive Re-Use:	<input type="checkbox"/>	New Construction <u>without</u> planned demolition of existing structure(s):	<input type="checkbox"/>
No physical changes planned:	<input type="checkbox"/>	Comments:	

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.**

1. Report Findings

- a. The site contains a wetland area(s). Yes No Pg. 32
(See requirements in Sec. IV, H.6)
- b. The site or a portion of the site is in the Special Flood Hazard Area. Yes No Pg. 32
(See requirements in Sec. IV, H.5)
- c. The site contains a UST(s) or AST(s). Yes No Pg. 23
(See requirements in Sec. IV, I)
- d. **RECs** - The Phase I ESA revealed a REC(s). Yes No Pg. 28-29
(See requirements in Sec. IV)

e. **EMF** - There are high power electrical transmission lines within 500 feet of the subject site.

Yes No Pg. 32

(See requirements in Sec. IV, H.7)

f. **HP GAS** - There are buried high-pressure gas transmission lines (4" in diameter and 400 psi or greater) within 1000 feet of the subject site.

Yes No Pg. 32

(See requirements in Sec. IV, H.8)

g. **NOISE** - The subject site is near a busy roadway or within 1000 feet of a limited access freeway or 3000 feet of a rail line, or within 15 miles of an airport.

Yes No Pg. 32-33

Was a noise assessment performed?

Yes No

(See requirements in Sec. IV, H.9)

h. **ASBESTOS** - A NESHAP-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. 32

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

Yes No

(See requirements in 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. 32

If Yes, was Lead Based Paint identified?

Yes No

(See requirements in Sec. IV, H.2)

j. **RADON** - For developments in EPA Radon Zone 1 counties (Branch, Calhoun, Cass, Hillsdale, Jackson, Kalamazoo, Lenawee, St. Joseph, and Washtenaw) was a radon assessment conducted by a Radon Professional was performed?

Not required: Not in EPA Radon Zone 1 county
Pg. 32

Yes No

If Yes, was Radon identified above the EPA action level?

Yes No

(See requirements in Sec. IV, H.4)

k. A "Recorded Land Records" search was performed?

Yes No Pg. 19

(See requirements in Sec. IV, C)

l. A Phase II investigation is required?

Yes No Pg. 28

(See requirements in Sec. V)


m. A Tier I and non-invasive Tier II Vapor Encroachment Screen were performed?
 Yes No Pg. 33
(See requirements in Sec. IV, H.10)

n. A Vapor Encroachment Condition (VEC) was identified. An invasive Tier II investigation is recommended.
 Yes No Pg. 33
(See requirements in Sec. IV, H.10)

2. Report Documentation Check List. If any of the responses below are "NO," do not submit report.

- a. MSHDA Phase I Letter of Reliance completed? Yes No
- b. User's Disclosure Statement completed? Yes No
- c. Compliant ACORD 25 Certificate of insurance included? Yes No
- d. FEMA Flood Plain Map Included? Yes No
- e. Fire Insurance Maps or No Coverage Letter Included? Yes No
- f. Development Site Plan Included? Yes No
- g. Site boundaries indicated on all maps and photos? Yes No

I represent that this Summary Cover Sheet accurately reflects the environmental information contained in the above captioned document.


_____/2-21-19_____
Signature of Environmental Professional Date Anthony Spencer
Print or Type Legal Name

Phase I Environmental Site Assessment
2.8 Acres of Vacant Land
7850 E. Jefferson Avenue
Detroit, Michigan

January 11, 2019

Report Prepared For:

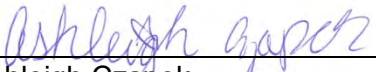
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Report Prepared by:



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Associate I



Anthony Spencer, EP
Associate II



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TAB - ATTACHMENTS

1. Phase I ESA, NHT Consulting, 9-11-07
2. Phase II ESA, NHT Consulting, 10-12-07
3. Limited Subsurface Investigation, ASTI Environmental, 4-25-17
4. Due Care Memo, ASTI Environmental, 5-3-17

1.0 EXECUTIVE SUMMARY

ASTI Environmental (ASTI) was retained by GDC-East Jefferson, LLC to conduct a Phase I Environmental Site Assessment (ESA) of 2.8 acres of an overall 3.7 acre property, 7850 E. Jefferson Avenue, Detroit, Wayne County, Michigan (Subject Property). The remaining .09 acres is part of the Detroit River and is not required to be covered in this Phase I ESA. 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 2018. The information and opinions rendered in this report are exclusively for reliance by GDC-East Jefferson, LLC, Cinnaire Development Management Finance, LLC and MSHDA, and ASTI will not distribute or publish this report without the consent of GDC-East Jefferson, LLC, 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 December 28, 2018, (2) interviews with knowledgeable site contacts, (3) review of pertinent Michigan Department of Environmental Quality (DEQ), Department of Licensing and Regulatory Affairs (LARA), Wayne County, and City of Detroit information, (4) acquisition and review of a federal and Michigan database search, (5) review of historical aerial photographs, Sanborn maps, and city directories, (6) FEMA Map search and National Wetlands Inventory map review, and (7) Noise Assessment.

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. The temperature was approximately 48 °F and rainy.

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 2.8 acres of an overall 3.7 acres of vacant land, 7850 E. Jefferson Avenue, Detroit, Wayne County, Michigan (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.

- Based on the laboratory analytical results for the soil samples collected at the Subject Property during the Limited Subsurface Investigation dated April 25, 2017, ASTI opines that the Subject Property is a “facility” as defined in Part 201 of Michigan’s Natural Resources and Environmental Protection Act, 1994 PA 451, as Amended (Part 201). The facility-level concentrations of metals, at the Subject Property are representative of a release.

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 DEQ Remediation and Redevelopment Division (RRD) maintains a list of properties that have perfected environmental liens on file with the DEQ. The Subject Property was not on the list as of the last update dated November 2, 2018 (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 GDC-East Jefferson, LLC to conduct a Phase I Environmental Site Assessment (ESA) of 2.8 acres of an overall 3.7 acre property, 7850 E. Jefferson Avenue, Detroit, Wayne County, 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 2018.

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 GDC-East Jefferson, LLC and Cinnaire Development Management Finance, LLC 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's Questionnaire
- DEQ Perfected Environmental Liens (11-2-18);
- Department of Environmental Quality (DEQ);
- Department of Licensing and Regulatory Affairs (LARA);
- available records maintained by the Detroit and Wayne County;
- The EDR Radius Map Report with GeoCheck (12-12-18);
- aerial photographs;
- Sanborn maps;
- city directories;
- Noise Assessment;
- FEMA; and
- U.S. Fish and Wildlife Service NWI Map.

Ms. Laura Gray inspected the Subject Property on December 28, 2018 under the direction of Mr. Anthony Spencer, Environmental Professional. Ms. Ashleigh Czapek and Mr. Anthony Spencer completed report preparation. Copies of Ms. Czapek's and Mr. Spencer's 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 2018, 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. The temperature was approximately 48 °F and rainy.

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 2018. 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 GDC-East Jefferson, LLC, Cinnaire Development Management Finance, LLC 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 GDC-East Jefferson, LLC on December 11, 2018. The information and opinions rendered in this report are exclusively for use by GDC-

East Jefferson, LLC, Cinnaire Development Management Finance, LLC and MSHDA. ASTI will not distribute or publish this report without the consent of GDC-East Jefferson, LLC, 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.
Quarter Section, Township and Range	Southwest ¼ of Section 2, T2S and R12E
City/Township, County, State Zip Code	Detroit, Wayne County, MI, 48214
Parcel Number(s)	17000017

Current assessing records with parcel legal descriptions are included in Appendix 10.5.

3.2 Site and Vicinity General Characteristics

Subject Property Zoning	R-6-High density residential district
Local Development Utilization	Residential and commercial

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 land and has no obvious use.

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

Below is summary of the Subject Property improvements.

Roads and Other Improvements	
Access	Access is available from East Jefferson Ave.
Paved Areas	There is a crescent shaped paved path through the northern section of the Subject Property.
Maintained Lawn	Most of the Subject Property is green space.
Landscaped Areas	None
Surface Water	None, but the Detroit River borders to the south.

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

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	Riverview Medical Offices 7815 E. Jefferson	Medical offices	None
	Belle Isle Pizza 7869 E. Jefferson	Restaurant	
	Jefferson Liquor Mart and Boost Mobile 7875 E. Jefferson	Alcohol store and cell phone store	
	Vacant structure	None	
South	Detroit River	None	None
East	International U.A.W. Federal Credit Union 8000 E. Jefferson	Credit union	None
West	River Tower Apartments 7800 E. Jefferson	Apartments	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 Action of 2001, 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.

Mr. Nathan Keup representing GDC-East Jefferson, LLC, completed a User's Questionnaire. 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

Mr. Keup was not aware of any environmental liens or activity and land use limitations.

4.3 Specialized Knowledge

Mr. Keup 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

Mr. Keup 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 Mr. Keup, the purchase price represents the fair market value.

4.6 Owner, Property Manager, and Occupant Information

The Subject Property is owned by Shamrock Acquisitions, LLC. 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 LIHTC submittal to MSHDA. This Phase I ESA can be also used by GDC-East Jefferson, LLC 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 by Mr. Keup.

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 12, 2018, 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	0
Federal SEMS Archive (0.5 mile)	No	No	1
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	Yes(1)	7
State/Tribal Registered UST (Subject Property/Adjoining Properties)	No	Yes	1
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	1

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	3
Michigan Baseline Environmental Assessment (BEA) Sites (¹ / ₁₀ mile)	Yes	No	1
Historical Auto Stations (¹ / ₁₀ mile)	No	Yes	3
Dry Cleaners/Historical Cleaners (¹ / ₁₀ mile at EP discretion/i.e. Detroit)	No	Yes	0
Additional Non-ASTM Databases (Subject Property or Adjoining Property)	Yes(1)	No	N/A
Orphans	No	No	0

Discussion of Subject Property Listings

The subject Property is listed with a BEA conducted in 2008 and a related Inventory listing. See section 5.4.5 for a further discussion of these listings.

Discussion of Off-Site Listings of Environmental Concern

Adjoining property listings are discussed below. 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. Adjoining listings and these sites are discussed below.

Site Name	Jennings Building
Databases Listing(s)	LUST, UST, AIRS, WDS
Location	7815 E Jefferson Ave.
Distance and Direction	North adjoining
Documentation Requested	<ul style="list-style-type: none"> • LARA: Michigan Department of Licensing and Regulatory Affairs
Summary of Findings	<p>This site is listed as a UST and “closed” LUST site. The site contained a 5,000-gallon diesel UST, which was installed on May 14, 1959 and removed on October 15, 1998. During the removal, stained soils and elevated PID readings were noted. A confirmed release was submitted to the DEQ on October 15, 1998. The LUST site was closed on March 3, 1999. ASTI requested associated DEQ records from the DEQ, but they were not provided. Releases that have been granted regulatory closure have low potential for affecting offsite locations.</p> <p>Due to the soil lithology in the area, regulatory closure of the release, and the location across E. Jefferson Ave., it is unlikely that an associated release would migrate onto the Subject Property.</p>

Site Name	Brossy L C Dyeing Co
Databases Listing(s)	EDR Historic Cleaner
Location	7885 E Jefferson Ave.
Distance and Direction	North adjoining
Documentation Requested	None
Summary of Findings	This site was identified as a historical cleaner. The historical information was considered as part of the summary provided in Section 5.5.

Site Name	Stoepel H Robert
Databases Listing(s)	EDR Historic Auto Station
Location	7895 E Jefferson Ave.
Distance and Direction	North adjoining
Documentation Requested	None
Summary of Findings	This site was identified as a historical auto garage and service station. The historical information was considered as part of the summary provided in Section 5.5.

Site Name	Sunoco Inc., Marine Pollution Control, McIntosh Super Service, Duncan Service
Databases Listing(s)	LUST, UST, FINDS, WDS, Financial assurance, Inventory, RCRA-NonGen, ECHO, EDR Historic Auto
Location	8005 E Jefferson Ave.
Distance and Direction	~approximately 300 feet to the northeast
Documentation Requested	<ul style="list-style-type: none"> • <i>RRD</i>: Remediation and Redevelopment Division of the DEQ
Summary of Findings	<p>The site is listed as an “open” LUST site. Multiple confirmed releases have occurred on the site, 1990, 2000, 2001, 2002 and 2018. All were gasoline or diesel related except for the 2001 release which was used oil. The 1990 release was closed in 1999. Closure reports were reviewed for the 1990 and 2000/2001 releases. Soil boring logs from the 2000/2001 closure report indicate that the soil is mostly clay. The nearest detections to the Subject Property are ~ 400 feet to the northeast and are under the cleanup criteria for direct contact and volatilization to indoor air inhalation.</p> <p>Due to the soil lithology, reviewed DEQ records, the distance, and location across E. Jefferson Ave., it is unlikely that an associated release would migrate onto the Subject Property.</p>

5.2 Additional Environmental Record Sources

Michigan Oil and Gas Wells

Based on a review of the DEQ 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 December 14, 2018 indicating that no records were found (Appendix 10.5).

A Freedom of Information Act request for Detroit Fire Department records for the Subject Property was submitted. A response was received on January 8, 2019 indicating that no records were found (Appendix 10.5).

Assessing Department files were available for review. A current assessing record is provided in Appendix 10.5

Building Department permits from Detroit were reviewed. General building permits were issued for the Subject Property, no environmental concerns were noted.

City of Detroit, Safety Engineering and Environmental Department Oil Tank Card Records were reviewed.

A 220-gallon heating tank was listed in the basement of the Subject Property in 1931.

The north adjoining property at 7875 E. Jefferson, listed a leaking underground storage tank in Section 5.1, had two 220-gallon tanks installed in 1952 and two 220-gallon tanks installed in 1953. At 7895 E. Jefferson, another north adjoining site, the location was listed as having 220- and 440-gallon tanks in the basement and a 2,000-gallon UST in 1927; two 220-gallon tanks in the basement in 1933 and 1934; and one 220-gallon tank in 1935.

The east adjoining property at 7900 E. Jefferson is listed as having an outdoor 2,000-gallon UST in 1929; one 220-gallon tank in the basement in 1948 and a 1,000-gallon UST in 1949. No further information was provided for the current status of the USTs. Due to soil lithology and inferred groundwater flow direction to the southeast, it is unlikely that any associated release would migrate onto the Subject Property.

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 Belle Isle, 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)	582 ft
Local Gradient	The topography of the Subject Property declines to the southeast.
Regional Gradient	The topography of the regional area declines to southeast.
Nearest Surface Water Body	The Detroit River to the southeast
Groundwater Depth	According to a limited subsurface investigation conducted on the Subject Property in 2017, 8 to 12 feet below ground surface (bgs). It was present at four of five sampling locations in a sand layer or seam that is apparently discontinuous.
Groundwater Flow Direction	Groundwater flow is inferred to the southeast

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

During a limited subsurface investigation conducted on the Subject Property (refer to Section 5.4.5), the subsurface lithology encountered in the soil borings, underlying surface cover (topsoil), generally consisted of fill materials varying in composition from sand to silty-clay and extended to depths between 4 feet and 13 feet bgs. The fill materials contained varying amounts of debris consisting of brick, concrete, foundry sand, and slag.

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	General area: Roadways and buildings are evident.
	Subject Property: A building is evident to north with associated driveway to the east.
	North adjoining: Building and parking areas are evident beyond E Jefferson Ave.
	East adjoining: A vacant parcel is evident.
	South adjoining: The Detroit River is noticeable.

Year	Observations
	West adjoining: Blurry photograph, driveways are evident.
1949	Subject Property: The building appears to be improved with an extra driveway to the west and a new building is evident to the south.
	North adjoining: No significant change is evident.
	East adjoining: New building is evident.
	South adjoining:
	West adjoining: Artificial filling was added to extend the surface area. New building complex is evident, with associated parking
1952	No significant change is evident.
1961	No significant change is evident.
1972	Subject Property: No significant change is evident.
	North adjoining: No significant change is evident.
	East adjoining: No significant changes are evident.
	South adjoining: No significant changes are evident.
	West adjoining: No significant changes are evident.
1987, 1997, 1999, 2005, 2009, 2012, 2016	No significant changes are evident.

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
1887	General area: Roadways, alleys, buildings, and the Detroit River are evident.
	Subject Property: A duplex is depicted with a garage structure to the south.
	North adjoining: Vacant parcels were depicted.
	East adjoining: A vacant parcel was identified.
	South adjoining: The Detroit River is evident.
	West adjoining: A dwelling and a bowling alley were present.
1910	Subject Property: The duplex was expanded into one large dwelling with an underground passage, a second dwelling, a greenhouse, and a boathouse to the south. A 50-gallon gasoline tank was present to the west of the garage.
	North Adjoining: Dwelling and vacant parcels were present.
	East adjoining: Dwelling and carriage house were present.
	South adjoining: The Detroit River is evident.
	West adjoining: The bowling alley structure was converted to a dwelling.
1915	Subject Property: No significant changes were identified except for a dock area addition and boilers identified in the southwest dwelling.
	North adjoining: No significant changes.
	East adjoining: No significant changes.

Year	Observations
	South adjoining: No significant changes.
	West adjoining: No significant changes.
1941	Subject Property: Previous dwelling was changed to Colony Town Club.
	North adjoining: A hospital, stores and apartments are identified. A filling station with four USTs was also present to the northeast at 7885-7895 E. Jefferson Ave.
	East adjoining: Previous dwelling was changed to Chrysler Corp. Sales Training School.
	South adjoining: No significant changes.
	West adjoining: The dwellings were removed and the area is vacant.
1951	Subject Property: Colony Town Club was changed to Detroit Medical Hospital and the dock area was removed.
	North adjoining: No significant changes.
	East adjoining: A large boat house was constructed on the waterfront.
	South adjoining: No significant changes.
	West adjoining: No significant changes.
1953	No significant changes were evident.
1957	
1961	Subject Property: No significant changes.
	North adjoining: The hospital was expanded to the east and the filling station and USTs to the northeast were removed.
	East adjoining: No significant changes.
	South adjoining: No significant changes.
	West adjoining: No significant changes.
1977	Subject Property: All structures were removed from the Subject Property.
	North adjoining: No significant changes.
	East adjoining: The Chrysler Corp. building was labeled as vacant. The remainder of the parcel is labeled as parking.
	South adjoining: No significant changes.
	West adjoining: The River Towers and associated parking was present.
1989	Subject Property: No significant changes.
	North adjoining: No significant changes.
	East adjoining: The vacant building was removed.
	South adjoining: No significant changes.
	West adjoining: No significant changes.
1991	No significant changes.
1996	
2002	

5.4.3 City Directories

A city directory search was conducted by EDR (Appendix 10.4). Findings are incorporated into Sections 5.3.5 and 5.3.6.

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

NTH, 2007-2008

A Phase II ESA report was completed at the Subject Property by NTH Consultants, LTD (NTH) on October 12, 2007. The Phase II ESA was conducted to evaluate the following recognized environmental conditions (RECs) identified in NTH's Phase I ESA of the Subject Property dated September 11, 2007. A copy of these reports is provided in the Tab Attachments.

- The Subject Property formerly contained several structures, at least one of which had a basement. No information was available regarding the nature or source of the fill materials used to fill in the basements of the former structure(s).
- Review of available historical sources indicated that two storage tanks were present at the Subject Property with no detailed information available as to the current status or removal of the tanks.
- Review of available historical sources indicated that the southern 1/3 of the Subject Property was filled in sometime in the late 1800s or 1900s. In addition, fill soils containing debris were encountered during NTH's concurrent geotechnical investigation. No information was available as to the nature or source of the fill materials.

At the time, the Phase II ESA identified arsenic, chromium, and mercury in soil at concentrations above the Michigan Department of Environmental Quality's (MDEQ)'s Part 201 generic residential cleanup criteria (GRCC) for drinking water protection and groundwater surface water interface protection criteria. The Subject Property was determined to be a "*facility*" as defined in Part 201 of Michigan's Natural Resources and Environmental Protection Act, 1994 PA 451, as Amended (Part 201).

Based on the results of the Phase II ESA, NTH conducted a Baseline Environmental Assessment (BEA) of the Subject Property in January 2008, which was affirmed on February 1, 2008. A Geophysical Survey was also conducted during the Phase II ESA and no underground storage tanks were identified. ASTI was unable to review this document. It was likely based on the laboratory information provided in the 2007 Phase II.

ASTI, 2017

ASTI conducted a limited subsurface investigation at the Subject Property and the report is dated April 25, 2017. On April 7, 2017, ASTI advanced five soil borings (SB-1 through SB-5) at the Subject Property using a direct-push Geoprobe® drill rig. At the time, the laboratory analytical results reported the metals mercury, arsenic and lead at concentrations exceeding the generic residential cleanup criteria (GRCC) for direct contact. The detected arsenic was determined to be below normal background concentrations in the area.

The Subject Property is a “facility” as defined in Part 201 of Michigan’s Natural Resources and Environmental Protection Act, 1994 PA 451, as Amended (Part 201). A Baseline Environmental Assessment (BEA) is not applicable for the current owner, but could be prepared for a new ownership entity.

ASTI recommended the preparation of a Due Care Plan to document the procedures to follow to avoid exacerbation of or exposure to existing contamination during redevelopment and future use of the Subject Property.

A Due Care Memo was completed on May 3, 2017. Based on the information provided to ASTI for preparation of the Due Care Memo, the likely applicable pathways for due care would be the soil volatilization to indoor air inhalation (SVIAI), particulate soil inhalation (PSI), and direct contact (DC). Based on the limited sampling completed, there is a potential unacceptable risk due to the detection of lead above the GRCC for DC.

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.

The Subject Property contained a residential dwelling and outbuildings by 1888. The southern portion was filled sometime in the late 1800's or early 1900's. By 1935, the northern portion contained a clubhouse building identified as the Colony Town Club and the southern portion contained a residential dwelling and associated outbuildings. By the mid 1940's the northern portion was developed with a building used as a hospital and as a youth home. The Subject Property has remained vacant since approximately 1977.

The southern portion of the Subject Property was filled in sometime in the late 1800s or early 1900s. No information was available about the fill material used, the use of unknown fill materials is considered a REC.

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	<p>The property was developed with a residential structure in the early 1900s. By the early 1930s the area was developed with a hospital and several commercial structures. Over the years these structures housed a variety of commercial ventures including, a florist, restaurants, drug store, dying company, an auto garage, filling station, dry cleaners, automotive parts sales, bait and tackle shop and an investment company.</p> <p>Concerns associated with the former gas station and auto repair include underground storage tank systems including tanks, pumps, and associated piping for petroleum products such as gasoline, diesel, fuel oil, and used oil; the use of in-ground hoists; and spills associated with auto repair operations such as oils and solvents.</p> <p>Releases are commonly associated with the use of white gas and/or solvents at dry cleaners.</p> <p>Based on reviewed reports from Section 5.4.5, soil lithology, distance to the operations, and the location across E Jefferson Ave., it is unlikely that an associated release would migrate onto the Subject Property from sites to the north.</p>
East	<p>The property is developed with a residential dwelling, outbuilding and boathouse in the early 1900s. By 1940, the residence had been converted to the Chrysler Corporation Sales Training School. A large boat house was constructed on the water for the Chrysler corporation in the early 1950s. By the 1970s, the Chrysler Corp. building was vacant and the southern portion of the property had been acquired by the U.A.W. Headquarters to the east. In the early 1980s the structure was demolished and the area was paved for parking. The current structure I still used by the U.A.W.</p>
South	<p>The area to the south is the Detroit River.</p>
West	<p>By at least 1987, there was a bowling alley and residential structure. By the early 1900s, the bowling alley was converted to a residential structure. Between 1915 and the mid-1930s the two structures were removed. In the late 1960s/early 1970s the current apartment tower was constructed.</p>

6.0 SITE RECONNAISSANCE

6.1 Methodology and Limiting Conditions

Assessor Name and Title	Laura Gray, Environmental Technician
Date of Inspection	December 28, 2018
Weather Conditions	48°F and rainy
Methodology	Inspected exterior of the Subject Property, including all property boundaries, and adjoining properties from Subject Property and public access areas.
Access Limitations	Some areas of overgrown vegetation, trash and debris. An encampment of setup within a wooded area of the Subject Property.

6.2 General Site Settings

General Location	A Site Location Map is provided in Appendix 10.1
City/Township, County, State Zip Code	Detroit, Wayne County, Michigan 48214
Acreage	2.8 of 3.7 acres
Local Development Utilization	Residential and commercial

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	No
	Pad-mounted transformers	No
	Capacitors	No
	Hydraulic equipment	No

Category	Item	Item Observed
	Emergency generator	No
	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	Yes
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		

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.

6.4 Interior Observations

The Subject Property is currently vacant land. However, there are remnants of a former brick shed or garage structure on the southeast border of the Subject Property.

7.0 INTERVIEWS

7.1 Interview with Owner

The Subject Property is owned by Shamrock Acquisitions, LLC. An Owner Questionnaire was completed by Mr. Matthew Duffield on January 10, 2019 (Appendix 10.6). Mr. Duffield stated that historical sources indicated that two storage tanks were present at the property previously and that no information available as to the current status or removal of tanks and that no tanks were visually present; he is referring to the historical tanks listed as a REC in the previous Phase I ESA. Mr. Duffield also stated that the property was historically used as a high end residence and is now vacant.

7.2 Interview with Key Site Manager

Refer to Section 7.1.

7.3 Interview with Occupants

The Subject Property is currently vacant.

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

Historical summary

NTH, 2007-2008

A Phase II ESA report was completed at the Subject Property by NTH Consultants, LTD (NTH) on October 12, 2007. The Phase II ESA was conducted to evaluate the following recognized environmental conditions (RECs) identified in NTH's Phase I ESA of the Subject Property dated September 11, 2007. A copy of these reports is provided in the Tab Attachments.

- The Subject Property formerly contained several structures, at least one of which had a basement. No information was available regarding the nature or source of the fill materials used to fill in the basements of the former structure(s).
- Review of available historical sources indicated that two storage tanks were present at the Subject Property with no detailed information available as to the current status or removal of the tanks.
- Review of available historical sources indicated that the southern 1/3 of the Subject Property was filled in sometime in the late 1800s or 1900s. In addition, fill soils containing debris were encountered during NTH's concurrent geotechnical investigation. No information was available as to the nature or source of the fill materials.

At the time, the Phase II ESA identified arsenic, chromium, and mercury in soil at concentrations above the Michigan Department of Environmental Quality's (MDEQ)'s Part 201 generic residential cleanup criteria (GRCC) for drinking water protection and groundwater surface water interface protection criteria. The Subject Property was determined to be a "*facility*" as defined in Part 201 of Michigan's Natural Resources and Environmental Protection Act, 1994 PA 451, as Amended (Part 201).

Based on the results of the Phase II ESA, NTH conducted a Baseline Environmental Assessment (BEA) of the Subject Property in January 2008, which was affirmed on February 1, 2008. A Geophysical Survey was also conducted during the Phase II ESA and

no underground storage tanks were identified. ASTI was unable to review this document. It was likely based on the laboratory information provided in the 2007 Phase II.

ASTI, 2017

ASTI conducted a limited subsurface investigation at the Subject Property and the report is dated April 25, 2017. On April 7, 2017, ASTI advanced five soil borings (SB-1 through SB-5) at the Subject Property using a direct-push Geoprobe[®] drill rig. At the time, the laboratory analytical results reported the metals mercury, arsenic and lead at concentrations exceeding the generic residential cleanup criteria (GRCC) for direct contact. The detected arsenic was determined to be below normal background concentrations in the area.

The Subject Property is a “facility” as defined in Part 201 of Michigan’s Natural Resources and Environmental Protection Act, 1994 PA 451, as Amended (Part 201). A Baseline Environmental Assessment (BEA) is not applicable for the current owner, but could be prepared for a new ownership entity.

ASTI recommended the preparation of a Due Care Plan to document the procedures to follow to avoid exacerbation of or exposure to existing contamination during redevelopment and future use of the Subject Property.

A Due Care Memo was completed on May 3, 2017. Based on the information provided to ASTI for preparation of the Due Care Memo, the likely applicable pathways for due care would be the soil volatilization to indoor air inhalation (SVIAI), particulate soil inhalation (PSI), and direct contact (DC). Based on the limited sampling completed, there is a potential unacceptable risk due to the detection of lead above the GRCC for DC.

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.

1. The EP did not identify any de minimis conditions associated with the Subject Property.
2. The EP did not identify any HRECs associated with the Subject Property.
3. The EP did not identify any CRECs associated with the Subject Property.

4. The EP identified the following RECs associated with the Subject Property, except for those listed below.

- Based on the laboratory analytical results for the soil samples collected at the Subject Property during the Limited Subsurface Investigation dated April 25, 2017, ASTI opines that the Subject Property is a “facility” as defined in Part 201 of Michigan’s Natural Resources and Environmental Protection Act, 1994 PA 451, as Amended (Part 201). The facility-level concentrations of metals, at the Subject Property are representative of a release.

8.3 Additional Investigation

ASTI recommends additional investigation prior to site development.

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	ASTI was unable to determine the first date of development.	
Is this a significant data gap?	No	
Rationale	Information from other sources provided sufficient information regarding past use.	

Additional data gaps were encountered during the investigation consisting of the following.

Data Gap	ASTI was unable to verify heating sources for past developments. You may discuss the tanks from past reports and owner.	
Is this a significant data gap?	No	
Rationale	It appears 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.
--	--

Data Gap	ASTI was unable review certain requested records from the DEQ	
Is this a significant data gap?	No	
Rationale	Sufficient information was reviewed from other sources to determine the likelihood of a release. Should this information become available it should be reviewed.	

8.5 Conclusions

We have performed a Phase I ESA in accordance with the scope and limitations of ASTM Practice E1527-13 of 2.8 acres of an overall 3.7 acre property, 7850 E. Jefferson Avenue, Detroit, Wayne County, Michigan (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.

- Based on the laboratory analytical results for the soil samples collected at the Subject Property during the Limited Subsurface Investigation dated April 25, 2017, ASTI opines that the Subject Property is a “facility” as defined in Part 201 of Michigan’s Natural Resources and Environmental Protection Act, 1994 PA 451, as Amended (Part 201). The facility-level concentrations of metals, at the Subject Property are representative of a release.

8.6 Additional Services

A noise Assessment was performed by ASTI for the Subject Property.

8.7 Deviations

No deletions, deviations, or additions to E1527-13 have occurred during this assessment, except for MSHDA Environmental Review Requirements for 2018.

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 2018

- Standard Guide for Vapor Encroachment Screening on Subject Property Involved in Real Estate Transactions: ASTM E2600-15
- The EDR Radius Map Report with GeoCheck, 12-12-18
- The EDR Aerial Photo Decade Package, 12-12-18
- EDR Certified Sanborn Map Report, 12-12-18
- The EDR-City Directory Image Report, 12-17-18
- User Questionnaire
- Owner Questionnaire
- Detroit Assessing Department
- Wayne County Department of Public Services
- Detroit Building Department
- Detroit Fire Department
- Phase I ESA, 9-11-07
- Phase II ESA, 10-12-07
- Limited Subsurface Investigation, 4-25-17
- Due Care Memo, 5-3-17
- DEQ Perfected Environmental Liens List, 11-2-18
- <http://www.deq.state.mi.us/GeoWebFace/>
- 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, EP
Associate II

8.10 Qualification(s) of Environmental Professional(s)

Ms. Anthony Spencer has been conducting Phase I Environmental Site Assessments for ASTI Environmental for seven years. Mr. Spencer has a Bachelors 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. Some building ruins remain.

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.

9.4 100-Year Floodplain

The majority of the Subject Property is not located within a flood hazard zone per FEMA Panel 26163CO301E dated February 2, 2012; but a small portion of the southern end of the Subject Property at the riverfront is included in the 100-year floodplain (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, antennae, 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.

9.8 Noise Analysis

One busy roadway was identified within 1,000 feet of the Subject Property and it was assessed in the Noise Assessment (Appendix 10.7). Two active airports were also noted

within the 15-mile distance criteria. Coleman A Young International Airport is located approximately 3.74 miles distant and Windsor International Airport is located 5.22 miles distant and based on the distance to these airports they are not considered a noise concern. The roadway noise was projected to levels in 2029 and was found to be within the "Normally Unacceptable" range.

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

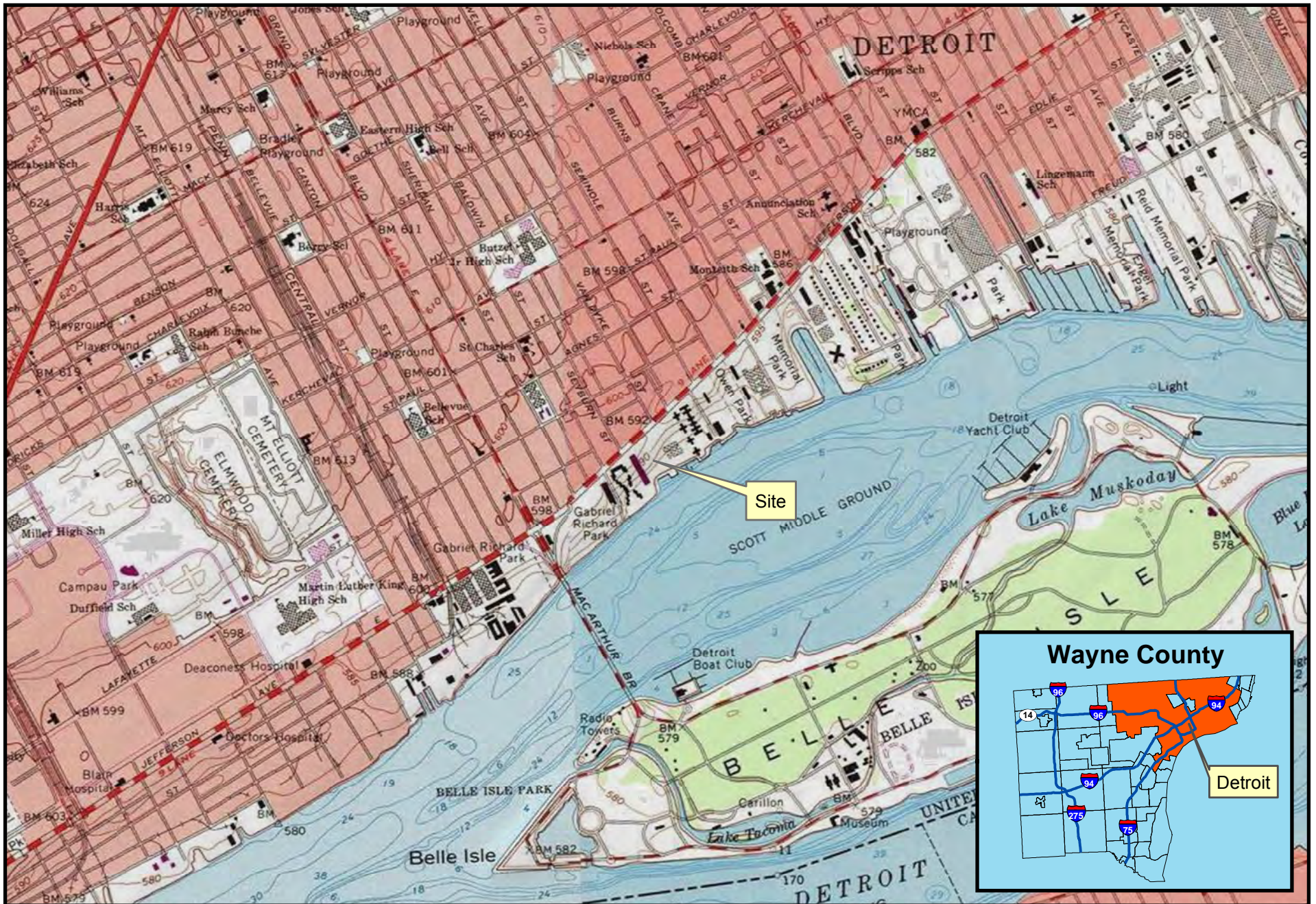
The purpose of Tier 1 and Tier 2 Non-Invasive screening is to conduct an initial screen to determine if a vapor encroachment condition (VEC) exists in connection with the Subject Property. The vapor encroachment screen (VES) is conducted in accordance with ASTM E 2600-15.

Based on the results of the Limited Subsurface Investigation conducted on the Subject Property in April 2017, mercury was identified above the GRCC. The screening process concludes that a VEC likely exists.

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, DEQ FOIA/File Documentation, 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, City Of Detroit Fire Department Response and DEQ Perfected Environmental Liens
- 10.6 Interview Documentation: MSHDA User's Questionnaire, Site Manager'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



7850 E. Jefferson Ave.

Detroit, MI

2,000 1,000 0 2,000 Feet



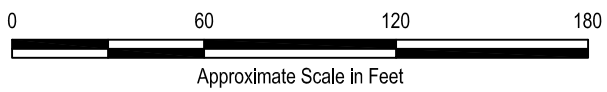
Created for: GDC-East Jefferson LLC
 Created by: BJG, January 9, 2019, ASTI Project 1-10105

Figure 1 - Site Location Map

10.2 Site Features Map



Image Credit: Google Earth



LEGEND
 - - - - - Property Line

7850 E. Jefferson Ave.

Detroit, MI

Created for: GDC East Jefferson, LLC
 ASTI Project 1-10105, MPM, January 10, 2019

10.3 Site Photographs

PHOTO LOG

7850 E Jefferson Ave, Detroit, Michigan



Photo 1. The north view of the Subject Property facing south, showing a concrete paved driveway and general vegetation



Photo 2. The north boundary of the Subject Property facing west, showing remnants of a masonry wall



Photo 3. The east boundary of Subject Property, showing tall vegetation

PHOTO LOG

7850 E Jefferson Ave, Detroit, Michigan



Photo 4. The south boundary of the Subject Property



Photo 5. The west view of the Subject Property



Photo 6. Soil piles located to the north of the Subject Property

PHOTO LOG

7850 E Jefferson Ave, Detroit, Michigan



Photo 7. Masonry walls debris located to the northeast of the Subject Property



Photo 8. Example of asphalt patches located to the northeast of the Subject Property



Photo 9. Change in gradient of the Subject Property located to the south

PHOTO LOG

7850 E Jefferson Ave, Detroit, Michigan



Photo 10. Old building remains located to the southeast of the Subject Property



Photo 11. Fence debris located to the southeast of the Subject Property



Photo 12. Ground depressions located to the north toward the center of the Subject Property

PHOTO LOG

7850 E Jefferson Ave, Detroit, Michigan



Photo 13. Another example of the ground depressions



Photo 14. Northwest adjoining senior living community located on 7815 E Jefferson



Photo 15. Northeast adjoining properties located on 7869 and 7875 E Jefferson

PHOTO LOG

7850 E Jefferson Ave, Detroit, Michigan



Photo 16. East adjoining Union building located at 7900 E Jefferson



Photo 17. West adjoining River Towers located at 7800 E Jefferson

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



7850 E Jefferson Ave

7850 E Jefferson Ave

Detroit, MI 48214

Inquiry Number: 5509725.8

December 12, 2018

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

12/12/18

Site Name:

7850 E Jefferson Ave
7850 E Jefferson Ave
Detroit, MI 48214
EDR Inquiry # 5509725.8

Client Name:

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



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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: April 26, 1997	DTE
1987	1"=500'	Flight Date: June 17, 1987	USDA
1972	1"=500'	Flight Date: July 01, 1972	USDA
1961	1"=500'	Flight Date: May 30, 1961	DTE
1956	1"=500'	Flight Date: April 13, 1956	DTE
1952	1"=500'	Flight Date: August 17, 1952	DTE
1949	1"=500'	Flight Date: May 03, 1949	DTE
1937	1"=500'	Flight Date: July 23, 1937	USDA

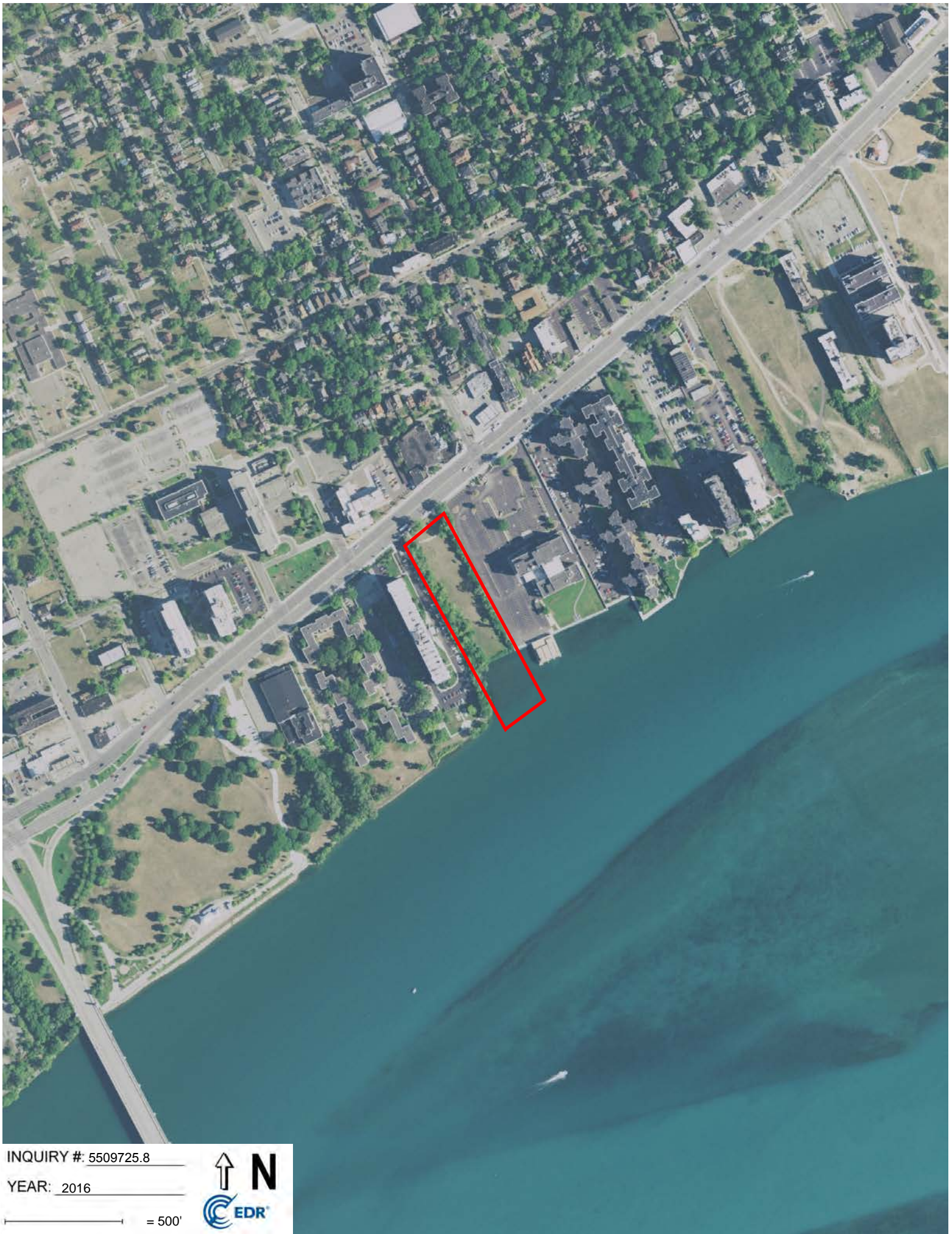
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INQUIRY #: 5509725.8

YEAR: 2016

— = 500'





INQUIRY #: 5509725.8

YEAR: 2012

— = 500'





INQUIRY #: 5509725.8

YEAR: 2009

— = 500'





INQUIRY #: 5509725.8

YEAR: 2005

— = 500'





INQUIRY #: 5509725.8

YEAR: 1999

— = 500'





INQUIRY #: 5509725.8

YEAR: 1997

— = 500'





INQUIRY #: 5509725.8

YEAR: 1987

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INQUIRY #: 5509725.8

YEAR: 1972

↑ N

— = 500' —

 CEDR



INQUIRY #: 5509725.8

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INQUIRY #: 5509725.8

YEAR: 1956

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INQUIRY #: 5509725.8

YEAR: 1952

— = 500'





INQUIRY #: 5509725.8

YEAR: 1949

— = 500'





INQUIRY #: 5509725.8

YEAR: 1937

— = 500'





7850 E Jefferson Ave

7850 E Jefferson Ave

Detroit, MI 48214

Inquiry Number: 5509725.3

December 12, 2018

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

12/12/18

Site Name:

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7850 E Jefferson Ave
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EDR Inquiry # 5509725.3

Client Name:

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



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Certified Sanborn Results:

Certification # 17AF-4BA9-B8A1
PO # NA
Project 1-10105

Maps Provided:

2002	1951
1996	1941
1991	1915
1989	1910
1977	1897
1961	
1957	
1953	



Sanborn® Library search results

Certification #: 17AF-4BA9-B8A1

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

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

The Sanborn Library LLC Since 1866™

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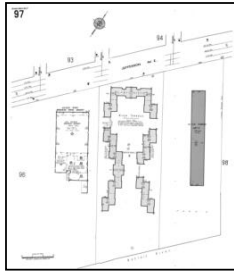
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Sanborn Sheet Key

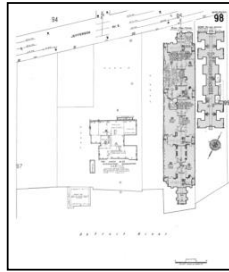
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2002 Source Sheets

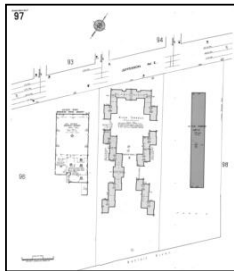


Volume 8, Sheet 97
2002



Volume 8, Sheet 98
2002

1996 Source Sheets

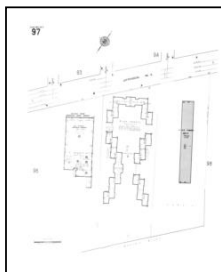


Volume 8, Sheet 97
1996



Volume 8, Sheet 98
1996

1991 Source Sheets

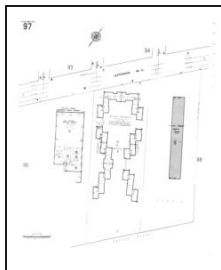


Volume 8, Sheet 97
1991

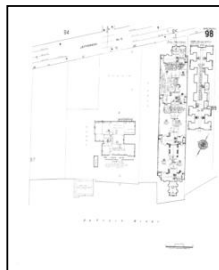


Volume 8, Sheet 98
1991

1989 Source Sheets



Volume 8, Sheet 97
1989



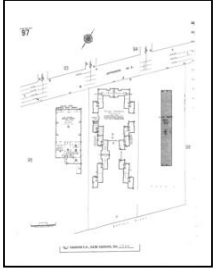
Volume 8, Sheet 98
1989

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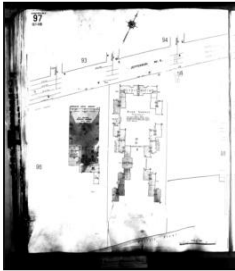


Volume 8, Sheet 97
1977

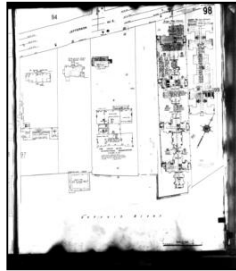


Volume 8, Sheet 98
1977

1961 Source Sheets

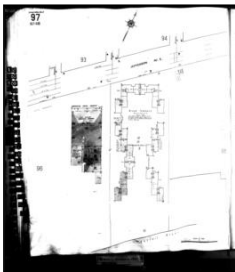


Volume 8, Sheet 97
1961

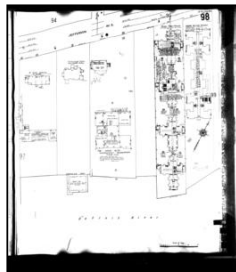


Volume 8, Sheet 98
1961

1957 Source Sheets

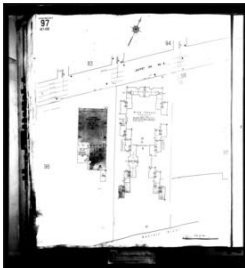


Volume 8, Sheet 97
1957



Volume 8, Sheet 98
1957

1953 Source Sheets



Volume 8, Sheet 97
1953



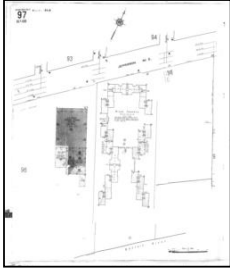
Volume 8, Sheet 98
1953

Sanborn Sheet Key

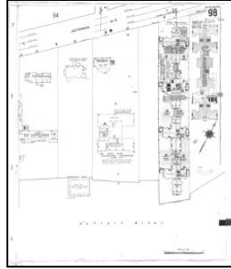
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1951 Source Sheets

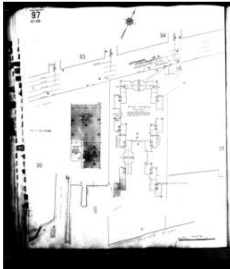


Volume 8, Sheet 97
1951

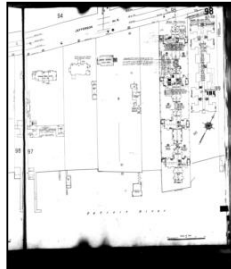


Volume 8, Sheet 98
1951

1941 Source Sheets

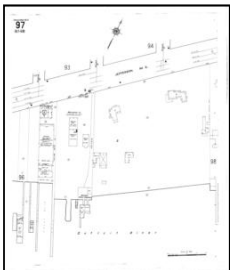


Volume 8, Sheet 97
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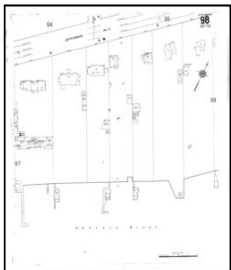


Volume 8, Sheet 98
1941

1915 Source Sheets

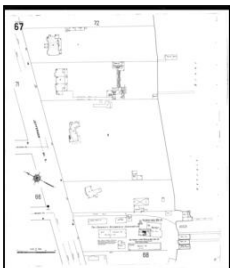


Volume 8, Sheet 97
1915

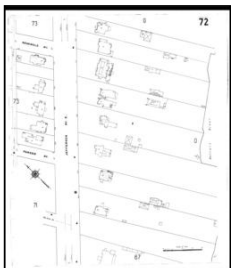


Volume 8, Sheet 98
1915

1910 Source Sheets



Volume 8, Sheet 67
1910



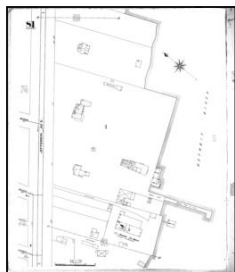
Volume 8, Sheet 72
1910

Sanborn Sheet Key

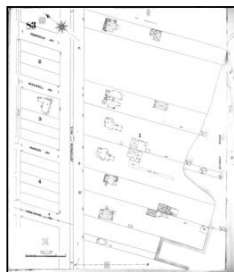
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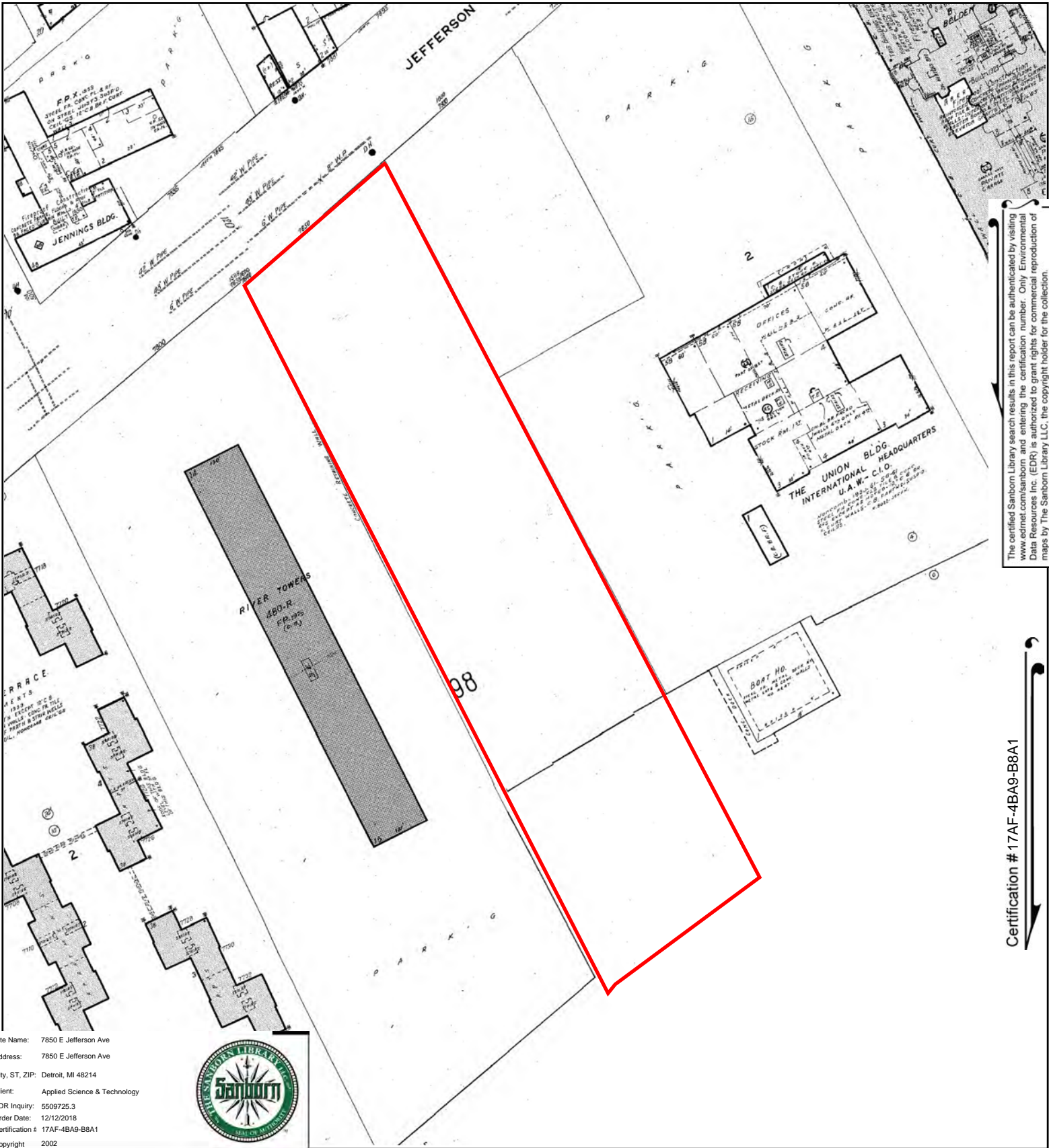
1897 Source Sheets



Volume 6, Sheet 81
1897



Volume 6, Sheet 83
1897



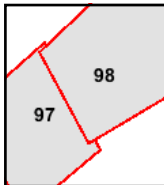
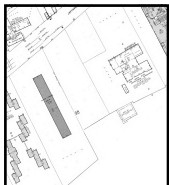
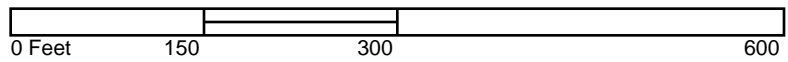
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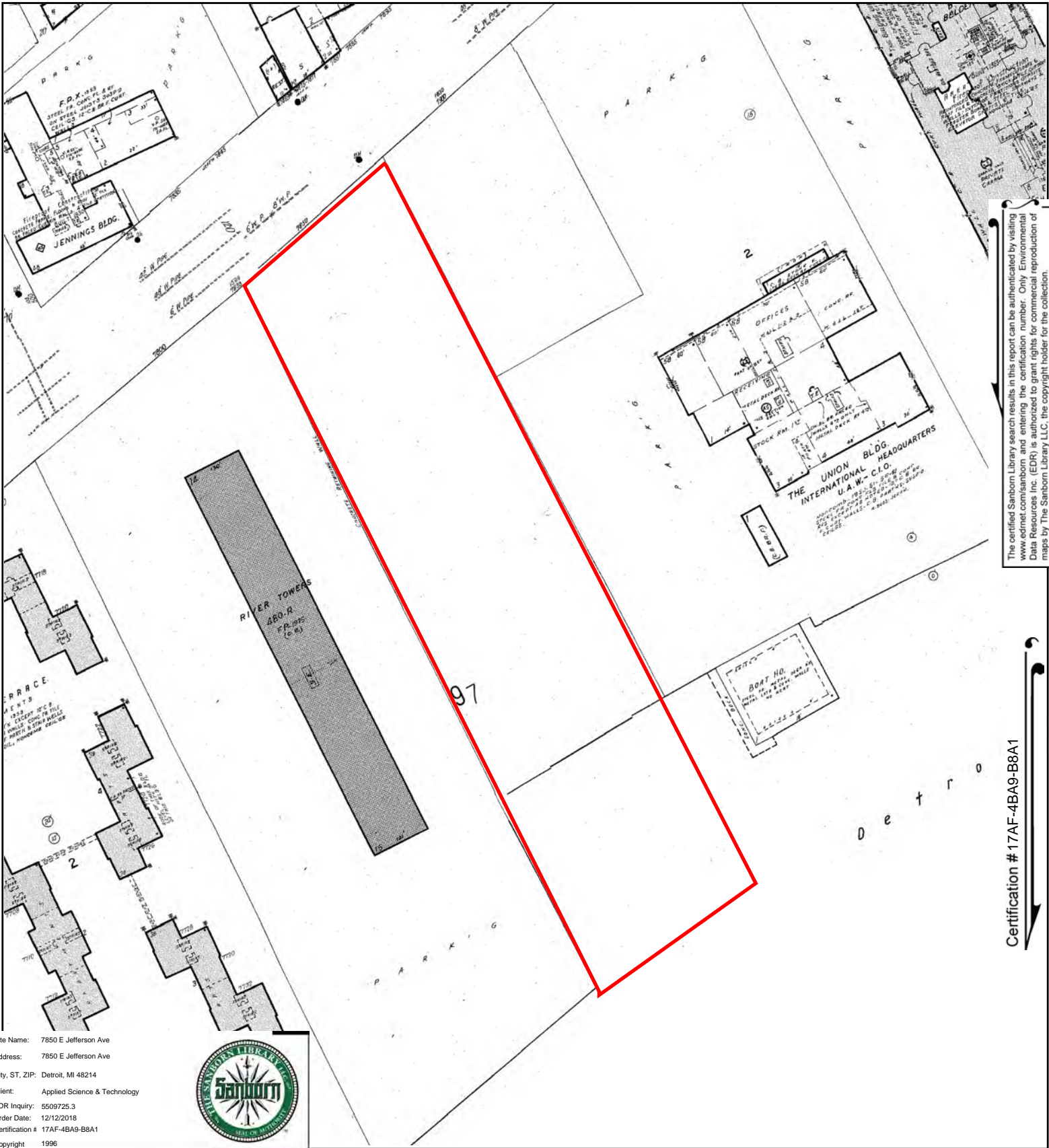


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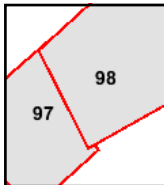
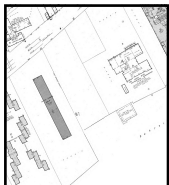
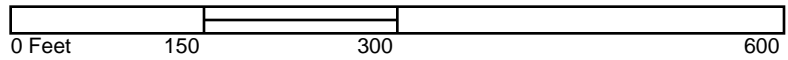
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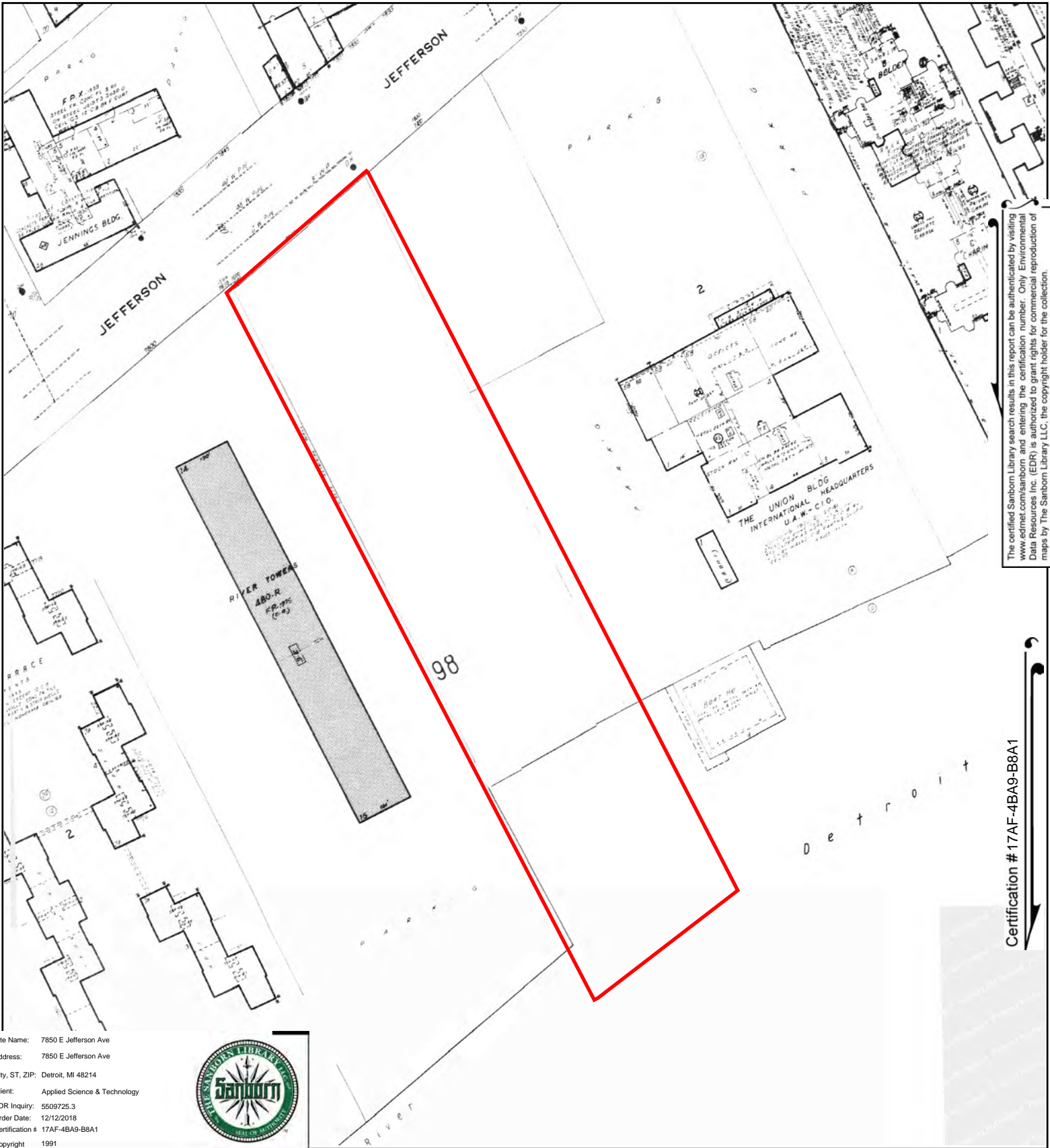


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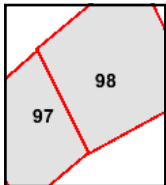
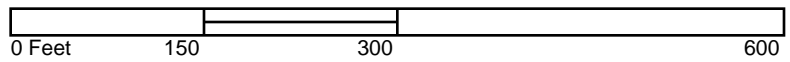
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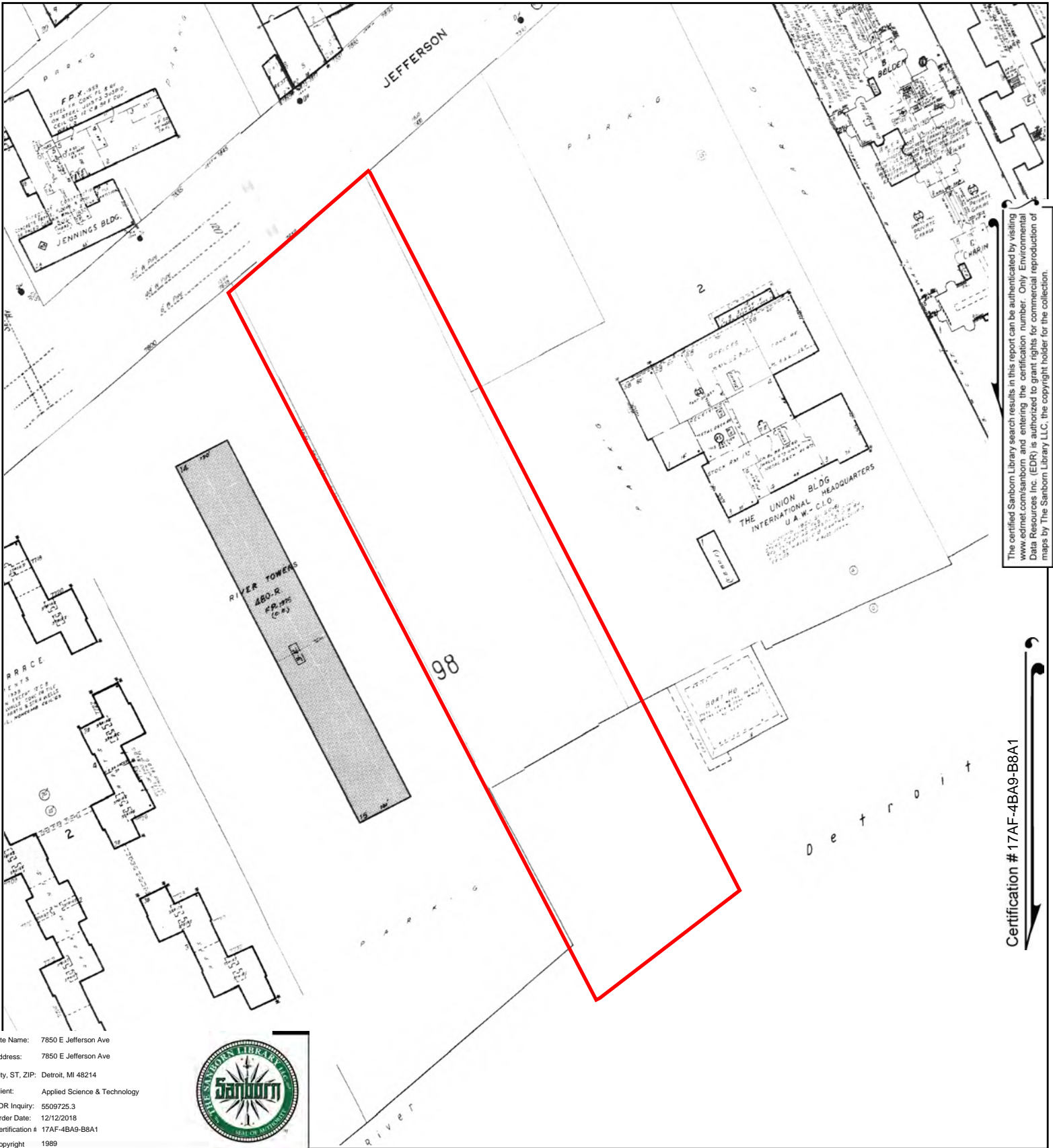


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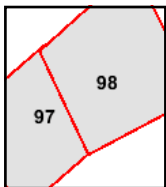
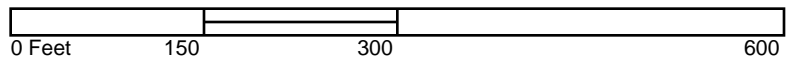
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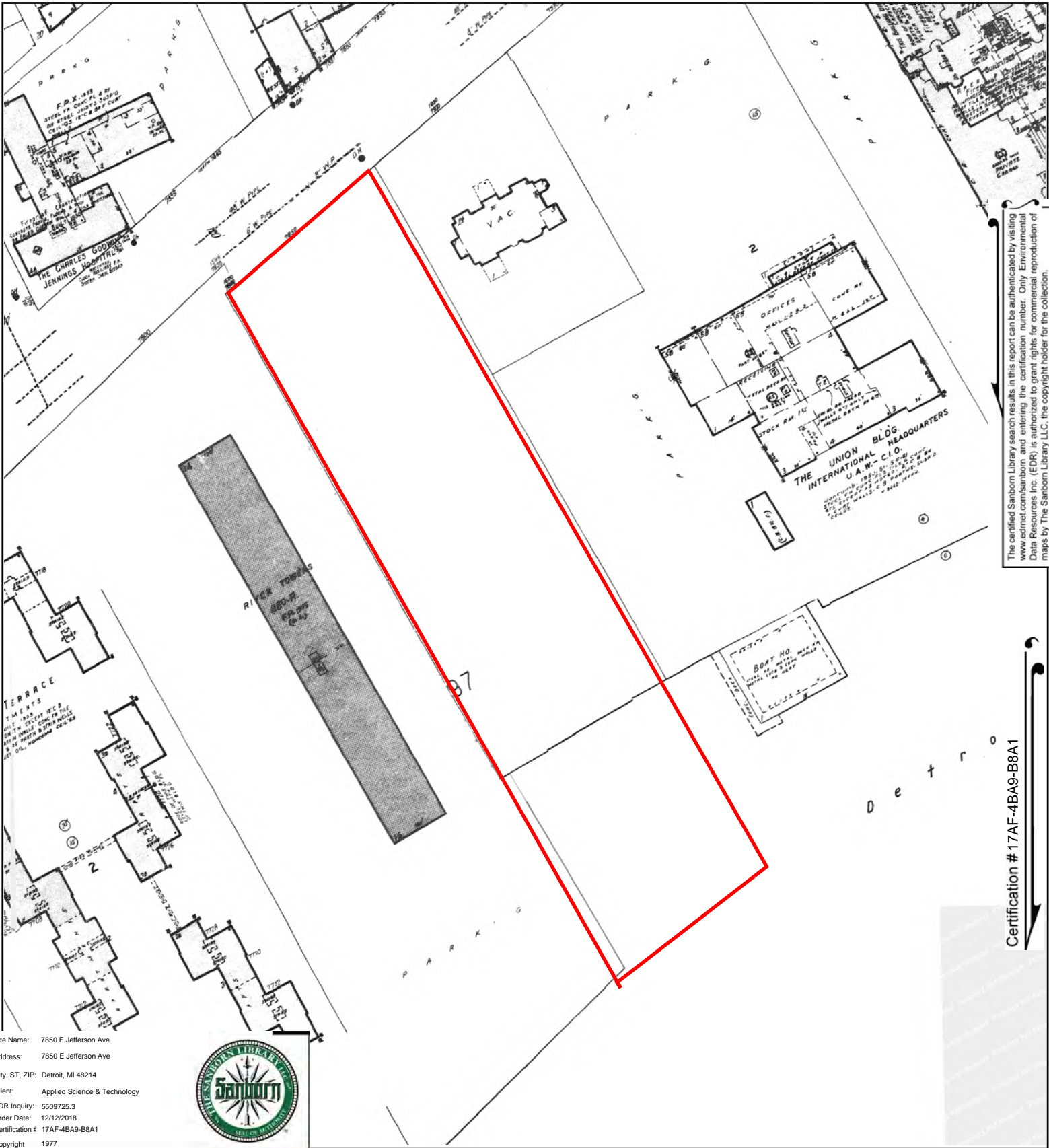


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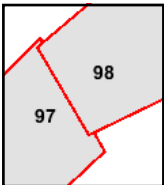
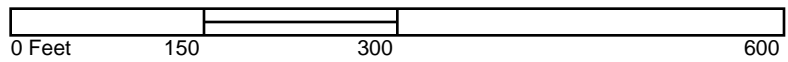
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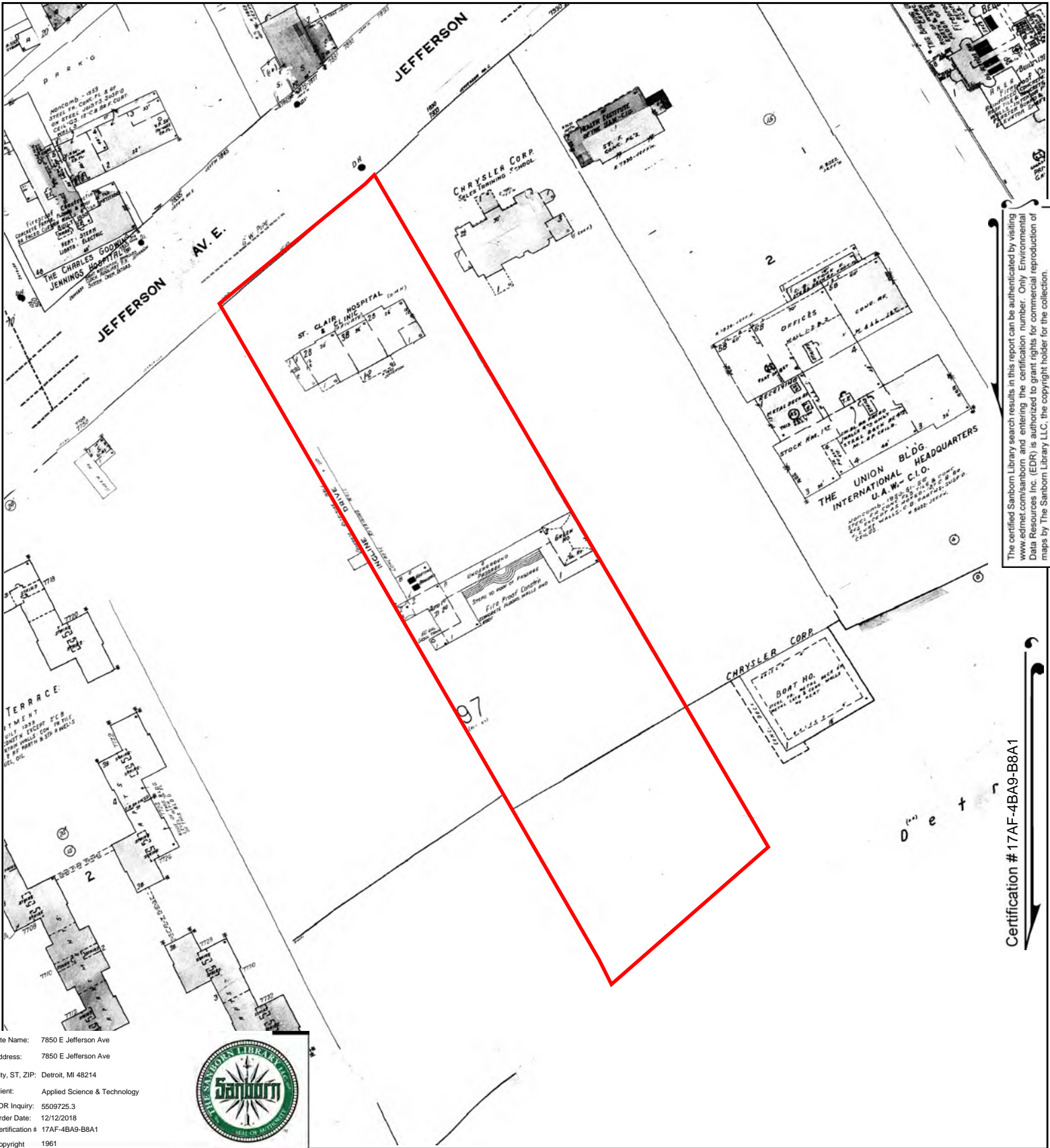


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 Volume 8, Sheet 97





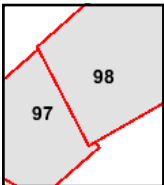
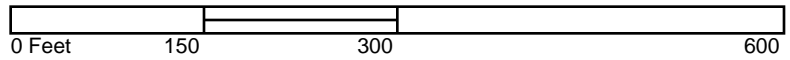
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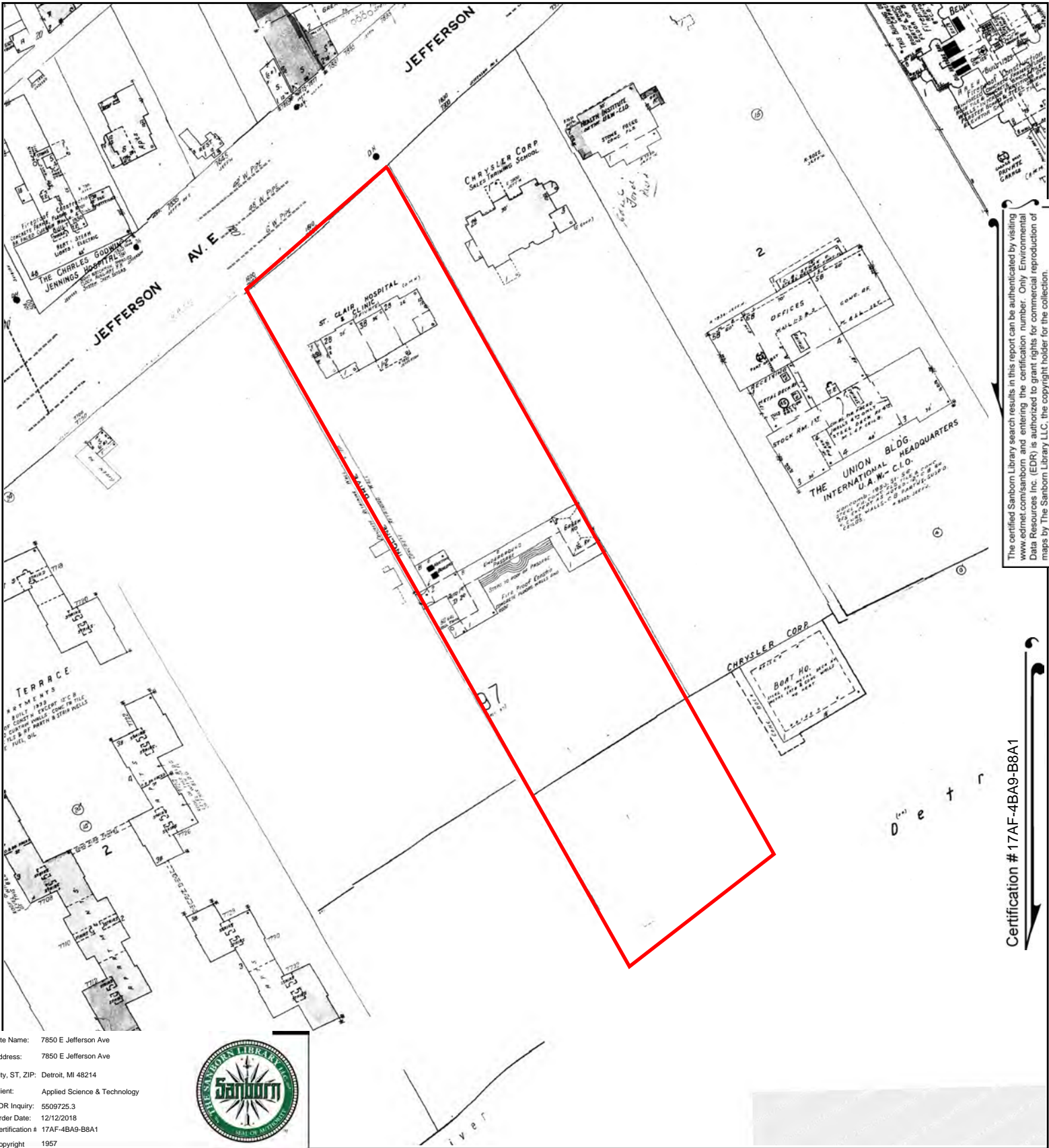


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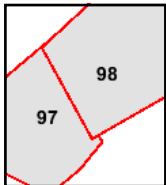
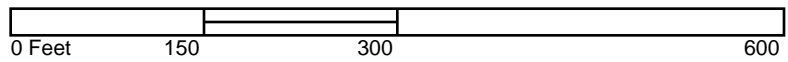
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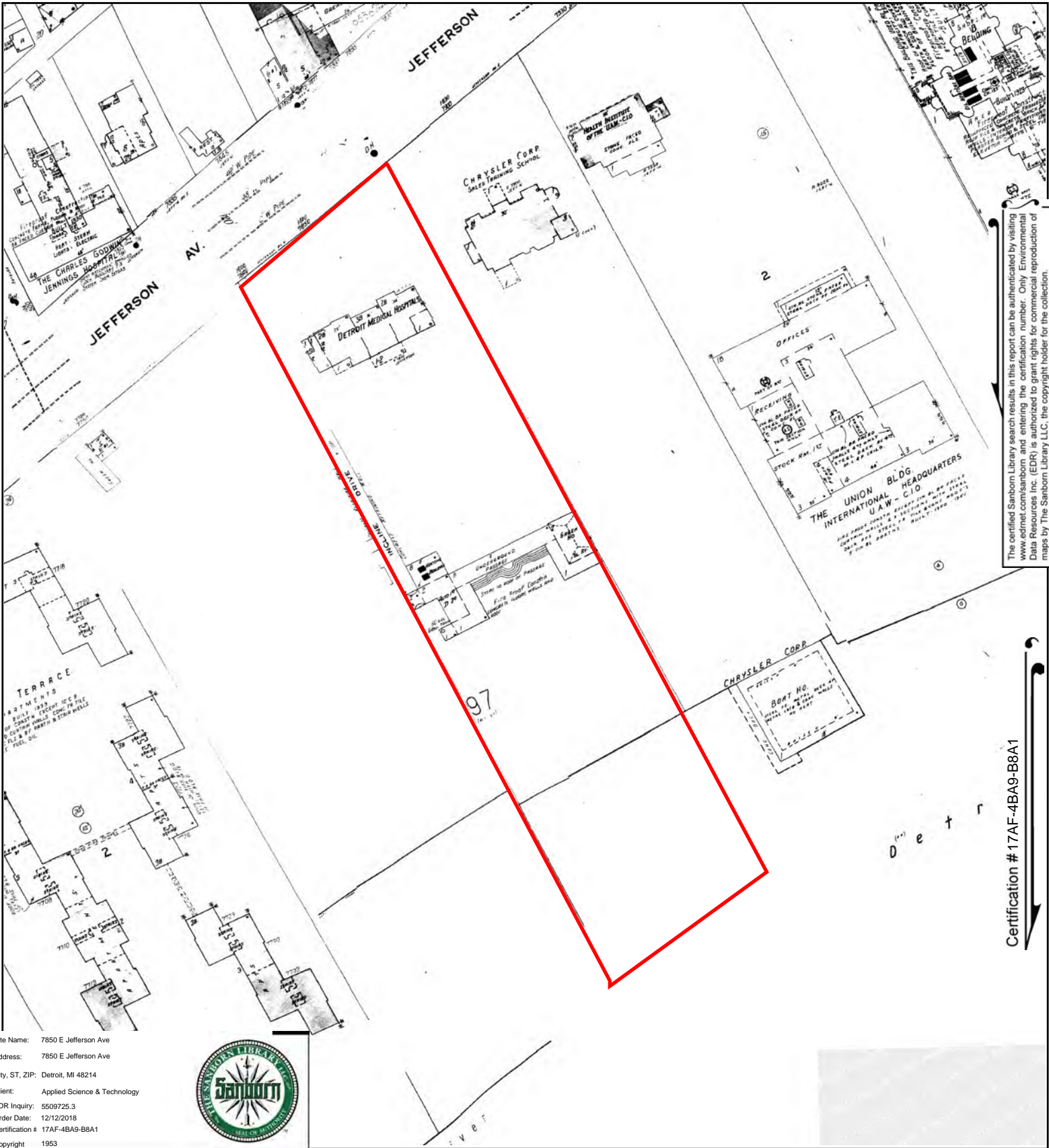
Site Name: 7850 E Jefferson Ave
 Address: 7850 E Jefferson Ave
 City, ST, ZIP: Detroit, MI 48214
 Client: Applied Science & Technology
 EDR Inquiry: 5509725.3
 Order Date: 12/12/2018
 Certification # 17AF-4BA9-B8A1
 Copyright 1957



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Volume 8, Sheet 98
 Volume 8, Sheet 97



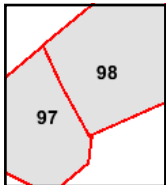
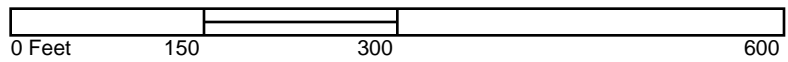
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 Client: Applied Science & Technology
 EDR Inquiry: 5509725.3
 Order Date: 12/12/2018
 Certification # 17AF-4BA9-B8A1
 Copyright 1953

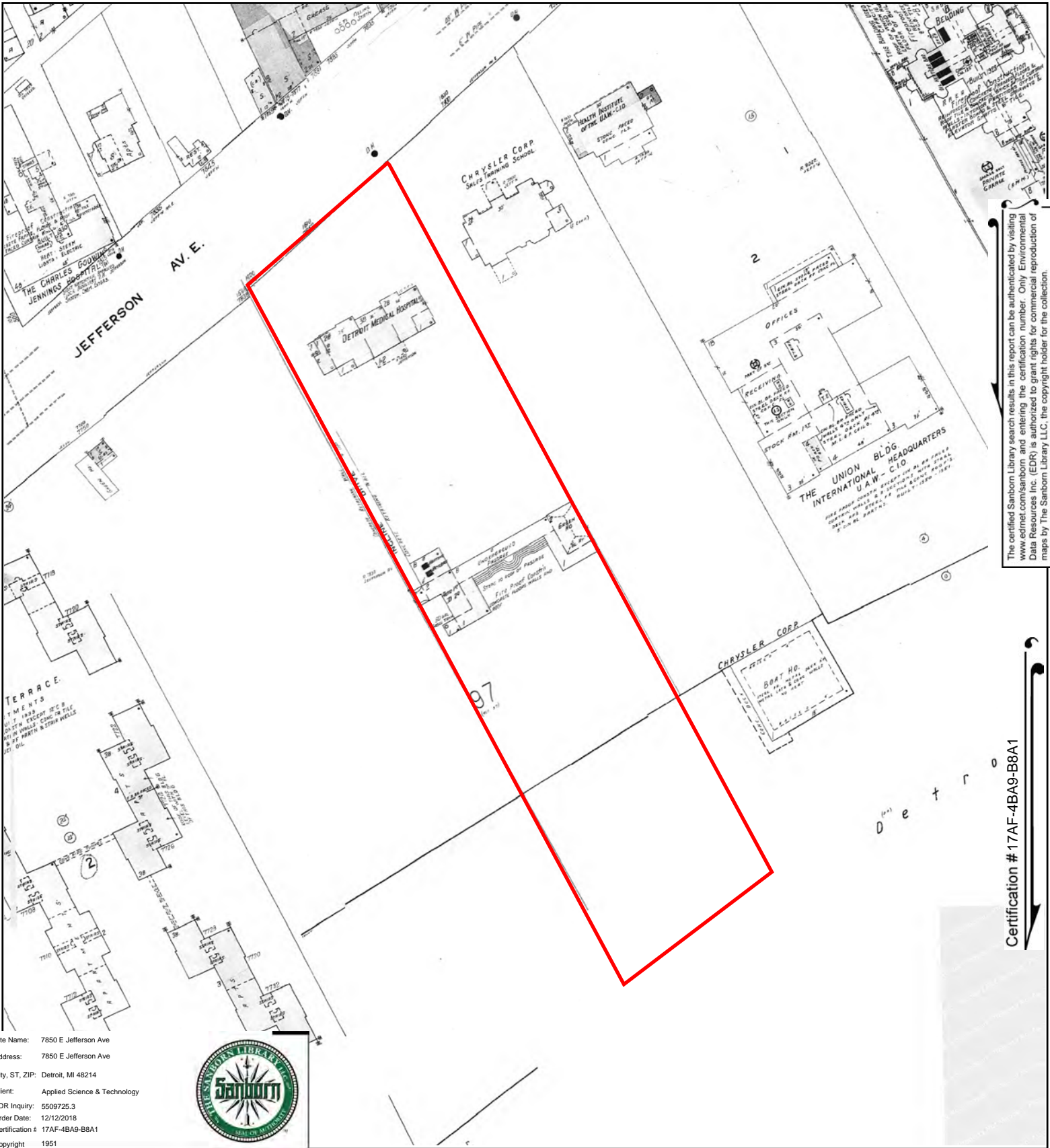


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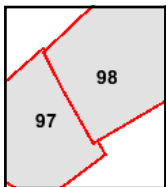
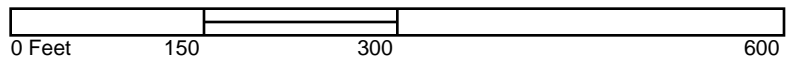
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 Certification # 17AF-4BA9-B8A1
 Copyright 1951

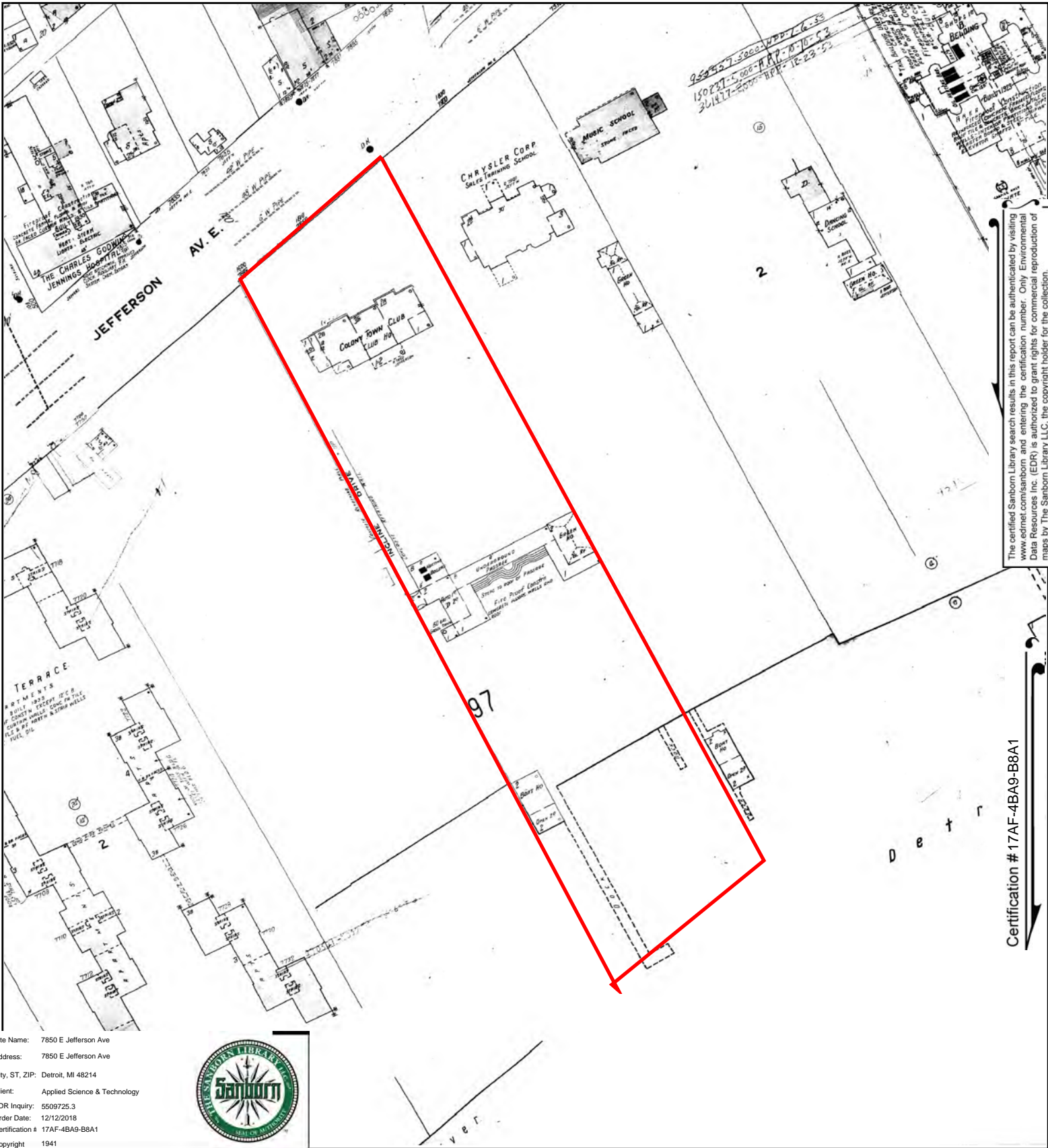


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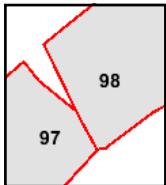
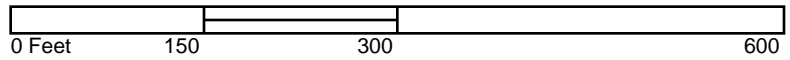
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 Client: Applied Science & Technology
 EDR Inquiry: 5509725.3
 Order Date: 12/12/2018
 Certification # 17AF-4BA9-B8A1
 Copyright 1941

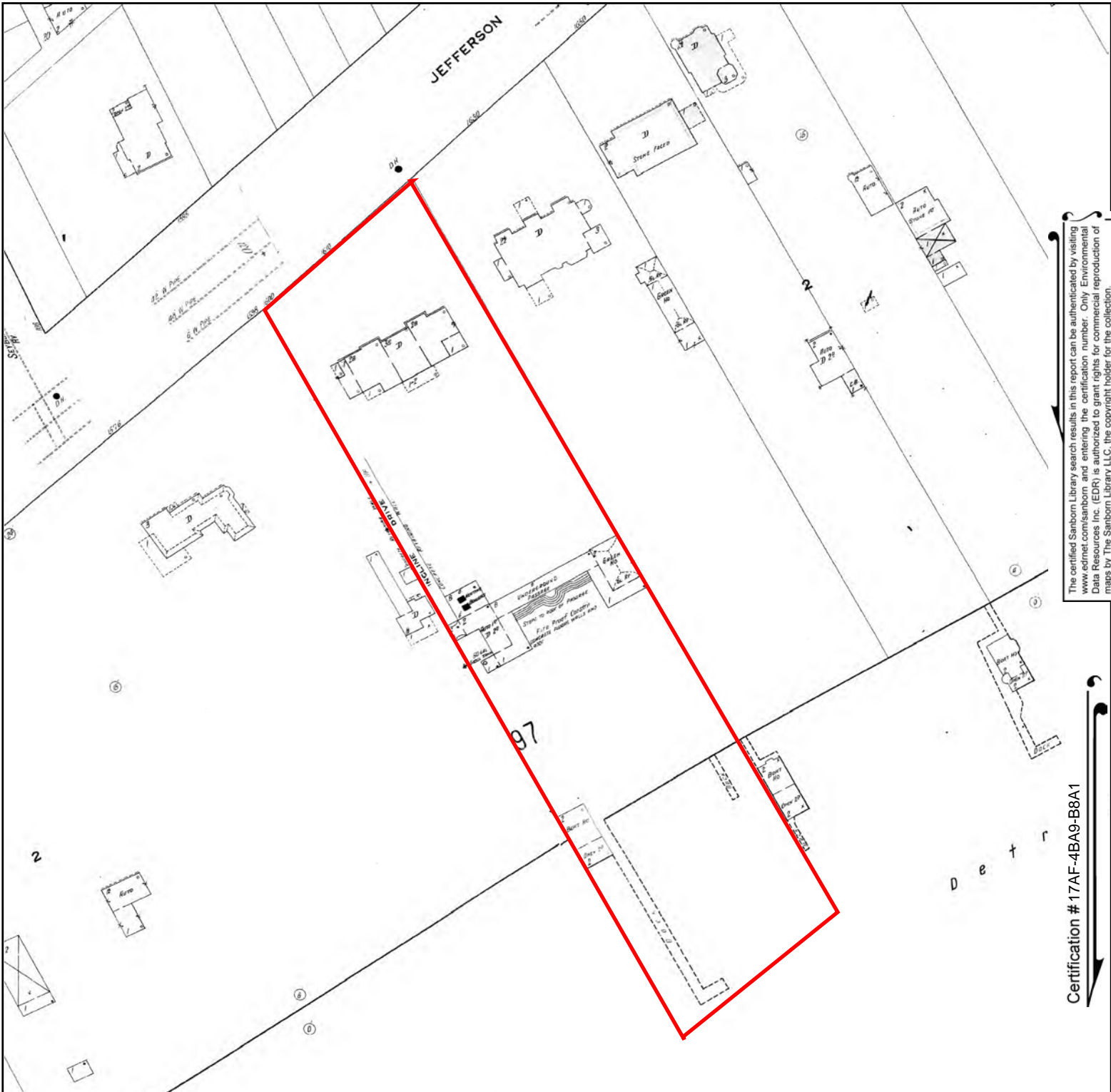


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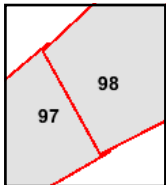
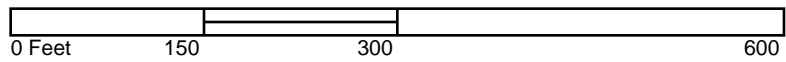
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 Client: Applied Science & Technology
 EDR Inquiry: 5509725.3
 Order Date: 12/12/2018
 Certification # 17AF-4BA9-B8A1
 Copyright 1915

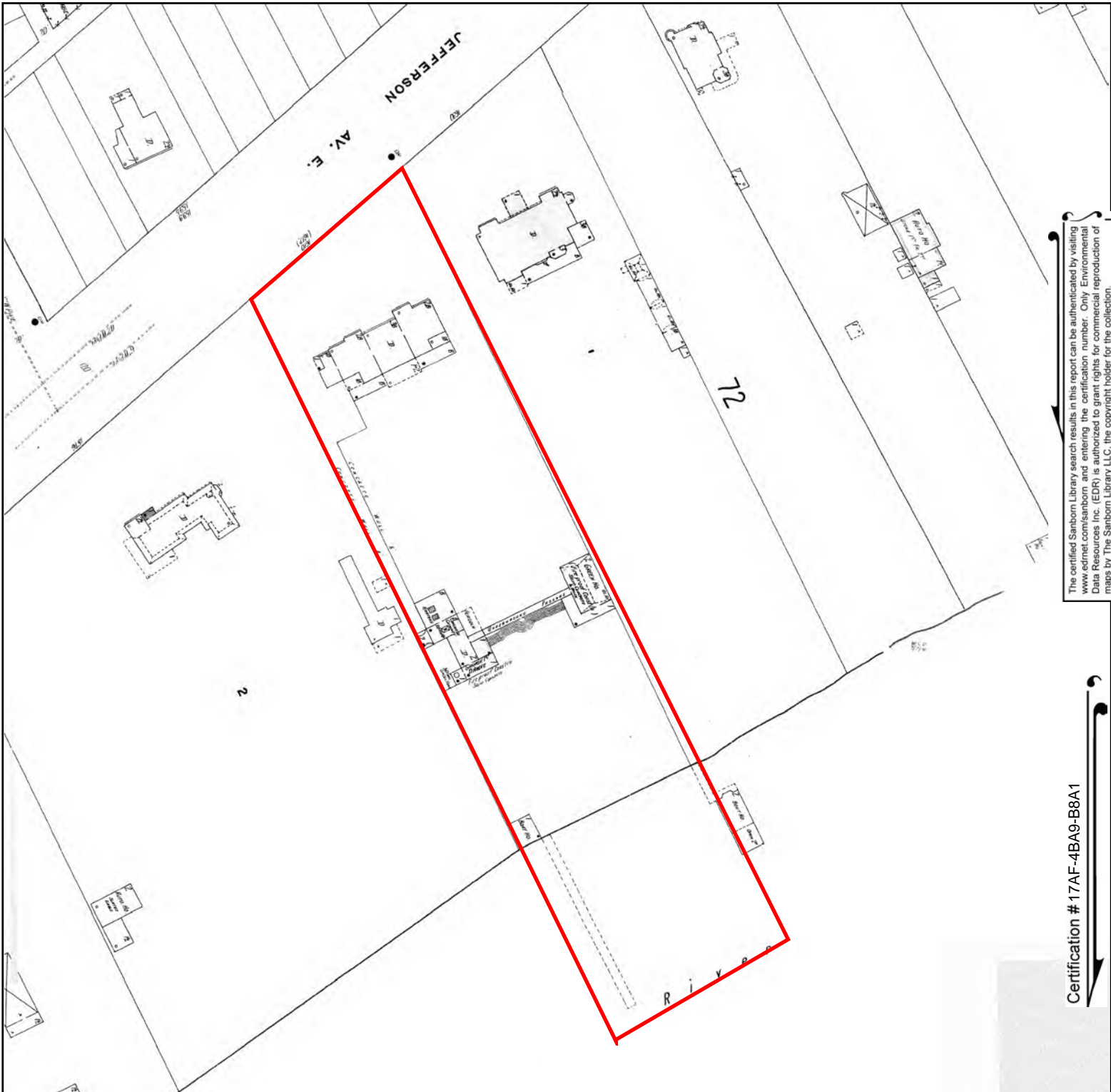


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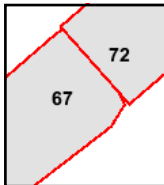
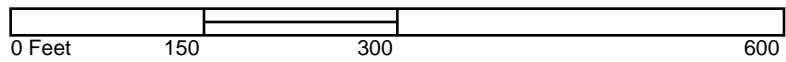
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 City, ST, ZIP: Detroit, MI 48214
 Client: Applied Science & Technology
 EDR Inquiry: 5509725.3
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 Certification # 17AF-4BA9-B8A1
 Copyright 1910

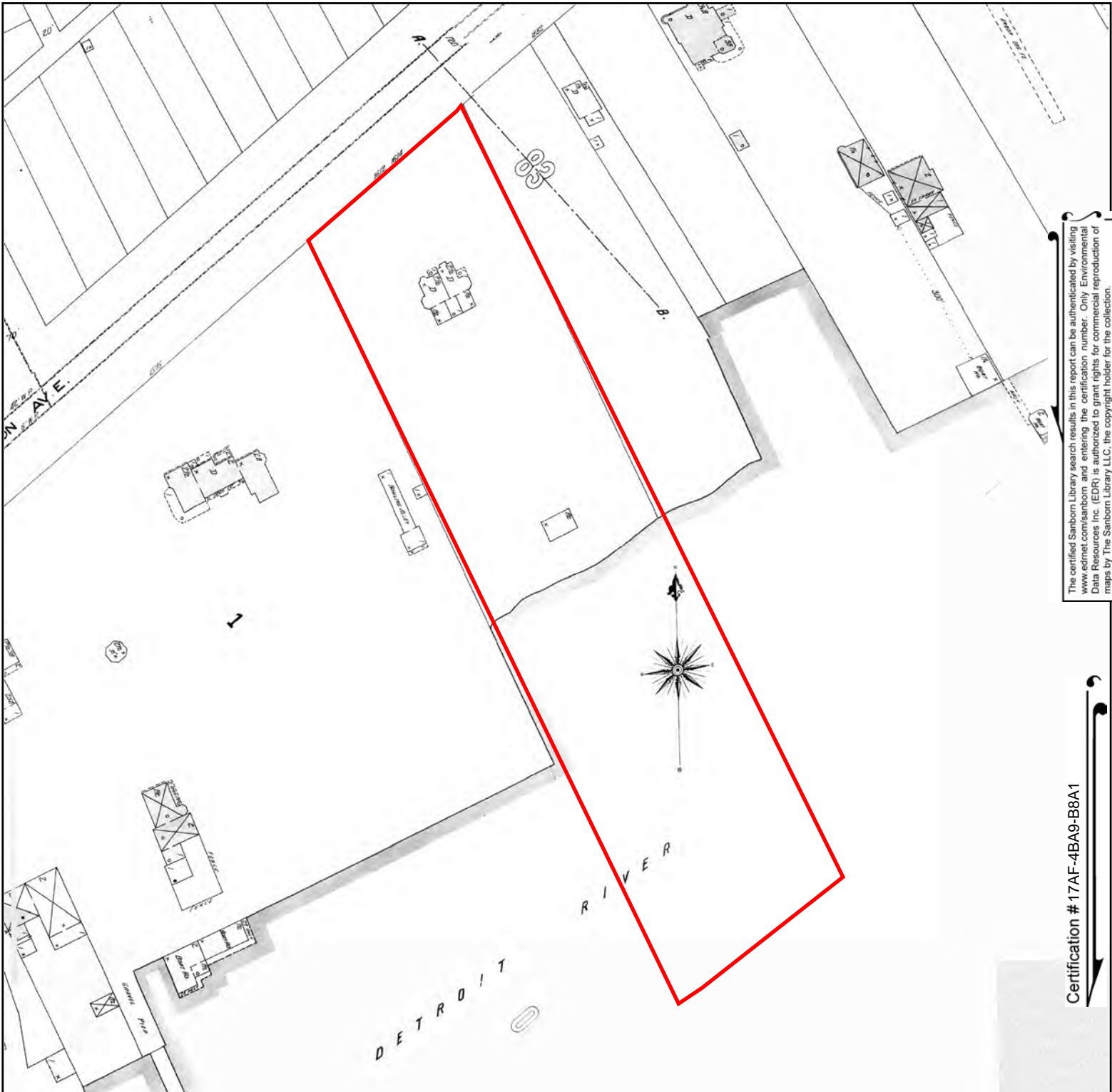


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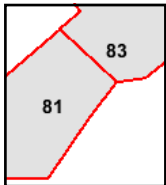
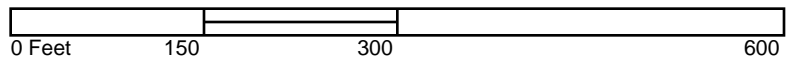
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Site Name: 7850 E Jefferson Ave
 Address: 7850 E Jefferson Ave
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 Client: Applied Science & Technology
 EDR Inquiry: 5509725.3
 Order Date: 12/12/2018
 Certification # 17AF-4BA9-B8A1
 Copyright 1897



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7850 E Jefferson Ave

7850 E Jefferson Ave

Detroit, MI 48214

Inquiry Number: 5509725.5

December 17, 2018

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>
2014	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2010	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2005	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1995	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1992	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1987	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Bressers Directory Co
1982	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Bressers Directory Co
1978	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Bressers Directory Co
1972	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Bressers Directory Co
1967	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Bressers Directory Co
1962	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Bressers Directory Co
1957	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Bressers Directory Co
1954	<input checked="" type="checkbox"/>	<input type="checkbox"/>	POLK DIRECTORY CO
1940	<input checked="" type="checkbox"/>	<input type="checkbox"/>	POLK DIRECTORY CO
1935	<input checked="" type="checkbox"/>	<input type="checkbox"/>	POLK DIRECTORY CO
1931	<input checked="" type="checkbox"/>	<input type="checkbox"/>	POLK DIRECTORY CO
1926	<input checked="" type="checkbox"/>	<input type="checkbox"/>	POLK DIRECTORY CO
1921	<input checked="" type="checkbox"/>	<input type="checkbox"/>	POLK DIRECTORY CO

EXECUTIVE SUMMARY

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
1916	<input checked="" type="checkbox"/>	<input type="checkbox"/>	POLK DIRECTORY CO
1911	<input type="checkbox"/>	<input type="checkbox"/>	POLK DIRECTORY CO

FINDINGS

TARGET PROPERTY STREET

7850 E Jefferson Ave
Detroit, MI 48214

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

E JEFFERSON AVE

2014	pg A2	EDR Digital Archive
2010	pg A16	EDR Digital Archive
2005	pg A32	EDR Digital Archive
2000	pg A49	EDR Digital Archive
1995	pg A63	EDR Digital Archive
1992	pg A78	EDR Digital Archive
1987	pg A84	Bressers Directory Co
1987	pg A85	Bressers Directory Co
1982	pg A86	Bressers Directory Co
1982	pg A87	Bressers Directory Co
1978	pg A88	Bressers Directory Co
1978	pg A89	Bressers Directory Co
1972	pg A90	Bressers Directory Co
1967	pg A91	Bressers Directory Co
1962	pg A92	Bressers Directory Co
1962	pg A93	Bressers Directory Co
1957	pg A94	Bressers Directory Co
1957	pg A95	Bressers Directory Co
1954	pg A96	POLK DIRECTORY CO
1954	pg A97	POLK DIRECTORY CO
1940	pg A98	POLK DIRECTORY CO
1935	pg A99	POLK DIRECTORY CO
1931	pg A100	POLK DIRECTORY CO
1926	pg A101	POLK DIRECTORY CO
1921	pg A102	POLK DIRECTORY CO
1916	pg A103	POLK DIRECTORY CO
1911	-	POLK DIRECTORY CO

Target and Adjoining not listed in Source

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

E JEFFERSON AVE

2014

(Cont'd)

7716 HUDSON, WILLIAM
 MORRIS, FRANK J
 STEVENSON, CARTER H
 SUGGS, BERNARD
 WARE, ALLAN
 WOOD, WARREN
 7718 ALEXANDER, RENEE D
 JONES, VERONICA L
 KYLE, GENE M
 LUCY, ANTHONY W
 SEALS, TINA P
 SMITH, GERALD K
 7720 ARLAUSKAS, PATRICIA L
 CARSE, LINDA D
 DAVIE, EDWARD L
 FREEMAN, JOYCE L
 JORDAN, GREG
 MOORE, DON A
 MOSS, KENNETH L
 REMODELING DETROIT LLC
 7722 FINK, H
 KEATON-PAYNE, LEAH V
 MIXON, ANTHONY
 NIMMONS, ROSALYN
 PITTS, LASHANNON
 SCANDERICK, MICHAEL W
 TAYLOR, JAMES E
 WILLIAMSON, RICARDO A
 WRIGHT, SIERRA
 7724 CROCKRAN, STEVEN F
 7726 DAY, ROBERT E
 MITCHELL, DARRYL Q
 7728 GRIER, MARK A
 HAWTHORNE, ULTAME D
 WILSON, GILBERT G
 7730 MOORE, YVONNE D
 OBANNON, MICHAEL K
 ONEIL, CLARENCE E
 TERRY, NIKKI R
 7732 KIMBROUGH, HOPE
 LANGFORD, SHARON L
 WATSON, TIMOTHY J
 WHITE, CHRISTON D
 7733 COMPREHENSIVE REHABILITATION
 LEANN BOOKSTORE
 RIVERVIEW HEALTH & REHAB CTR
 ST JOHN PROVIDENCE HEALTH SYS
 URGENT CARE MANAGEMENT PC
 7800 ABSTON, ELEANORA
 ADAMS, DAVID

E JEFFERSON AVE

2014

(Cont'd)

7800 ALEXANDER, RODNEY
ALLEN, LINDA J
ALLEN, NAKYA R
ALLEN, WILLIAM J
ANDERSON-SR, THERO T
ANDREWS, KATHY D
ANDREWS, VERA E
ARBITTER, JENNIFER V
ARMSTRONG, KAREN D
BANKS, ELEANOR C
BARNES, EUGENE E
BEAMON, LILLIAN J
BELLARD, KENNETH D
BEST, THELMA
BILLINGSLEY, CONNIE
BIVENS, EM M
BLACK, SANDRA A
BLOCKSON, LEE A
BOLDEN, MATTIE
BOONE, KATRINA A
BOWEN, HAYWOOD
BRADBERRY, JUDITH D
BRADLEY, ROBERT J
BRAY, MARK A
BRITT, JAMES C
BROWN, CHARLES
BROWN, EDWARD
BROWN, HELEN L
BUCHANAN, VELMA J
BUSH, JATONA L
BYNUM, DORIS B
CALLOWAY, PAULA
CALVERT, CLEVE
CAMPBELL, CYNTHIA
CARROL, ELOISE
CARTER, CHARLENE
CARTHORN, PERRY
CARVAN, BETTY C
CATO, RENEE F
CAULEY, JEROME S
CAVITT, ETHEL M
CHARLES, JOANN
CHRISTIAN, TERRANCE K
CLARK, MICHAEL
COBBIN, MARILYN
COHENS, JOHN
COLE, BEVERLY G
COLEMAN, PAULINE N
CREATIVE STYLES
CROWN OF GLORY HAIR SALON INC

E JEFFERSON AVE

2014

(Cont'd)

7800 CURRAN, BETTY J
DANIELS, MARCUS L
DANZY, THEOPHILUS T
DAVENPORT, DANIEL E
DAVIS, LUCILLE D
DICKENS, SAM
DOBBS, ALICE
DOWNS-JONES, MARY L
DUKES, LESTER
DUNN, BELL J
DURHAM, LENELL L
DURR, CHRISTINE L
EDWARDS, S
ELDER, MINNIE L
EVANS, ANNIE R
FARLEY, LINDA M
FARMER, DEBORAH S
FAULK, ADDIE L
FERGUSON, THERESA S
FIELDS, ROBERT L
FINN, WILHELMINA F
FLYNN, EMMAGENE
FORD, LATRINA
FOREHAND, JOE R
FOSTER, CURTIS
FOY, GERALDINE
FRANKLIN, ALMA R
FUNK SHUI MANAGEMENT LLC
GANT, SHARON
GARFIELD, VERONICA
GATES, LYNDA J
GATLING, JOYCE H
GENTRY, HELEN H
GILBERT, LEILA M
GILLIAM, JOE N
GLASS, KIM
GLENN, NORRIS H
GOINS, ANDAMO
GOSSETT, PHILLIS E
GOUDY, BEVERLY
GRADY, WILLIAM E
GRAHAM, MARTHA L
GRANT, MARY A
GRAVES, RITA C
GREENE, IRMA J
GRIFFIN, VAL M
GROSS, LARNELL V
GUIDEN, RICKEY
HAGGEN, YVONNE C
HARMON, ALAN L

E JEFFERSON AVE

2014

(Cont'd)

7800 HARRIS, ORA
HARRIS, OTHA L
HARRIS, QUINCY
HARRISON, AARON M
HARVY, JANICE
HAWKINS, SHELIA M
HAYNES, ROBBIE A
HENRY, JOYCE
HICKS, PAUL
HILLMON, LEONARD
HILTON, CAROLINE
HINDS, BETTY A
HINES, MARY D
HINTON, NATHANIEL
HODGE, OLGA
HODGES, JOSEPHINE
HOLMES, DONNIE R
HUDSON, MARY F
HUNT, HERMAN E
IRBY, ARTHUR L
JACKSON, KEITH
JACKSON, LOUIS F
JAMES, KANDICE M
JAMES, LOUIS L
JENKINS, BRIAN W
JOHNSON, BLANCHE C
JOHNSON, SHARONE C
JOHNSON, THOMAS Z
JONES, JOHNNIE
JONES, MALVINA R
JONES, SAMUEL L
JONES, SHEILA L
JOURNEY, DARTAGKA L
KELLEY, DEMETRIUS L
KEMP, CRYSTAL
KEY, CAROLYN J
KIMBROUG, EMMA M
KING, BEVERLY B
KING, SAMUEL
LAGRONE, GLADYS M
LANG, JOHN
LAVIGNE, KATIE
LAWSON, DAVID J
LEE, SHERRY
LEWIS, BERDINE
LOGAN, MARILYN
LONG, ALBERTA
LOPP, ANITA R
LUMSDEN, NORMAN B
LYNEM, VEESTHER R

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(Cont'd)

7800 MARTIN, WILLIE H
MATHIS, ROBERT L
MAXWELL, CORDELL A
MCGEE, CATHERINE
MCGHEE, HERMAN
MCLEMORE, WILLIE J
MELVIN, MARY W
MEYERS, RAYMOND R
MILLER, ANITA J
MITCHELL, FANNIE M
MONTGOMERY, WARDELL
MOORE, JOHN H
MOORE, MONICA R
MOORE, WESLEY H
MOSES, JERRY
MUHAMMAD, HASSAN A
MYATT, CAROL
NELSON, HERSCHEL L
NERO, BETTY
NEROMILLER, BETTY
NEWMAN, LAVERA
NICHOLS, KARRIE
NIXON, WILLIAM
OWENS, MARION
PACK, VIOLET A
PARIS, BARBARA J
PARKS, CALVIN D
PARR, LOUIS
PEETE, MATTHEW R
PEOPLES, TOMMIE
PHILLIPS, ELAINE D
POLLARD, CROMWELL
POYDRAS, BARBARA J
PRESLEYSOOTT, WILLIE
QUICK, JEROME
RAINEY, ANNIE L
RAMSA, LUCILLE
RAMSEY, IDA M
RANDOLPH, ELLEN T
REDDEN, SHIRLEY A
REESE, MARIE
RENFROE, JEANETTE
RENFROE, THERESA M
REUBEN, ISSAC
RICHARDSON, CHARLES V
RIVER TOWERS
ROBINSON, DOROTHY J
ROBINSON, MARCO
ROSS, MARGARET E
RULE, WILLIE M

E JEFFERSON AVE

2014

(Cont'd)

7800 RUSHING, ROBERT L
SAMUEL, NATHANIEL
SANDERS, NELLIE L
SANKS, ROBERT R
SACHEL, SANDRA
SCOTT, ROSIE M
SCRUGGS, DARRELL E
SEARCY, VIOLA L
SEATON, EVA L
SELDON, NAOMI J
SIMMS, CECELIA
SIMPSON, TIFFANY T
SMITH, ANGELA C
SMITH, THEDRICK E
SNIPES, JACQUELINE B
SPARKS, MARTEEZ L
SPENCER, VANESSA D
STANLEY, ABRAHAM B
STEPHENSON, GWENDOLYN F
STEWART, IRVIN W
STIGER, EUNICE M
STURGES-SR, ARTHUR
SULLIVAN, VINCENT A
SUMMERS, DONALL E
SUTTON, BREE L
SWANN, JOSEPH
SWIFT, SANDRA
SYKES, WENDY
TAYLOR, ROBERT B
TEDFORD, WALLA B
THOMAS, CHRISTIN E
THOMAS, FRANK
THOMPSON, DORIS N
TOLLIVER, JACQUELINE M
TOLLIVER, MARY L
TOWNSEND, HERMAN L
TRAMMELL, CONSTANCE
TRUMAN, THERESA
TUCKER, MAY
UCHENDU, BON
WALDON, BARBARA J
WALKER, ALEX C
WALLER, LINDA D
WALLINGFORD, EMMA L
WARD, THOMAS
WATLEY, JOHNNIE B
WEAVER, EVELYN
WEBB, MARTHA E
WHEELER, JIMMY
WHITE, SHARON A

E JEFFERSON AVE

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(Cont'd)

7800 WHITEHEAD, ALPHONSO N
 WILKERSON, WILLIE J
 WILLIAMS, CLARA D
 WILLIAMS, EARL
 WILLIAMS, T
 WILLIE, JONES
 WILSON, JOHN T
 WOODS, BRUCE L
 WOODWARD, BARBARA A
 WOODWARD, GENEVA E
 YOUNGUE, FRANKIE E
 7869 GARALINOS PIZZA INC
 7875 PATTAH HUTCH
 7901 GATES, OLIVIA
 7919 MICHAEL TS
 8000 INTERNATIONAL UNION UAW REGION
 INTERNATIONAL UNION UNITED AU
 INTERNTIONAL UAW FEDERAL CR UN
 SUSAN HARWOOD TRAINING GRANT P
 UAW LOCAL 1954
 UAW LOCAL 566 BUILDING CORP
 UAW PUBLIC RELATIONS
 UAW RETIRED EMPLOY OF MOLD A M
 UNION BUILDING CORPORATION
 UNITED AUTO AEROSPACE & AGRIC
 VOLUNTARY BENEFITS PLAN FOR UA
 8005 HANAA ENTERPRISE LLC
 SUNOCO
 VALERO ENTERPRISE LLC
 8030 ELLIS, GERTRUDE
 8045 MOROUN NURSING CTR DETROIT LLC
 MOROUN NURSING HOME INC
 8100 ALEXANDER, LAREL
 ARNOLD, MELENIE
 ARTHUR, RACHEL L
 BARNES, ALICIA J
 BESPOKE BOTANICALS LLC
 BROWN, TONYA
 BUNN, ELLA L
 CASON, KAREN M
 COLLINS, DIANE A
 CUNNINGHAM, RODNEY
 DANIEL MALONE
 DEWITT, KHADIJA
 DOROUGH, TINA
 FLIPPEN, BRITTANY
 GARRETTE, STEPHANIE V
 GIBBONS, RACHEL C
 GREEN, JULIA
 HAMPTON-COOPER, LAUREN T

E JEFFERSON AVE 2014 (Cont'd)

8100 HAWKINS, KEVIN
HAYES, DAMOND D
HICKS, SHERRITHA
HOLT, DESIREE
HUBBERT, CHANTEL N
HUGHES, UGANDA L
JACKSON, NATASIA
JAMES, ERICA
JENKINS, CARLESIA S
JONES, DANNY L
KING, KAREN
LINDSAY, CHRISTOP
LOVELACE, CHRISTOPHER D
MALONE, D
MCINTOSH, CARMEN L
MCMURRAN, WILLIAM R
MEEKS, JANICE
METCALF, AMY A
MILES, SHERMON
NEWELL, GLORIA J
NICKELSON, KAI
NORFLEET, ALLISON L
NORMAN, LONNIE
ODUMS, CHAVON
PAPERIE DESIGN STUDIO LLC
PATILLO, LATOI M
PERSON, ALEXIS D
PLUM, GERALD C
RHODES, GLENN E
SACKEY, DONNIE
SHOBE, CARLA
SPRATT, CHEVIS B
STALKER, SARAH E
TECHNOGENIUS
THAMES, ANGELA L
THOMAS, CARMA
TRITON INVESTMENT COMPANY
TUCKER, RICKY L
WARD, GILBERT
WEINSTEIN, TRACI
WHITE, ALBERT
WILSON, CHRISTOPHER A

E JEFFERSON AVE 2010 (Cont'd)

7718 KYLE, ROBIN H
 RICHARDSON, KEYNDA
 7720 AIDA WORKS SPA
 ARLAUSKAS, PATRICIA L
 BROWN, ERNESTINE
 HOLLINGSBED, ROBERT
 LYNK, CAREY D
 MASON, PAT A
 PELT, ALPHONSO
 7722 BEAL, VIVIAN L
 KEATON-PAYNE, LEAH V
 NIMMONS, ROSALYN
 PITTS, LASHANNON
 TAYLOR, BRENDA L
 WELCH, TONY
 7724 CROCKRAN, STEVEN F
 7726 EDWARDS, CELIA M
 JOHNSON, ATASHA
 PITTMAN, MARY L
 TIERT, LORETTA
 7728 ALDRIDGE, RAYMOND W
 ARCHIE, CHARLES B
 GRIER, MARK A
 HENRY, WAYNE R
 PREMIER SUPPLIERS
 WILSON, GILBERT
 7730 MOORE, YVONNE D
 OBANNON, SHIRLEY A
 ONEIL, CLARENCE E
 7732 ALBRECHT, WILLIAM A
 EPSTEIN, SOLOMON
 HARDY, JOHN W
 KNIGHT, CASSANDRA F
 LANGFORD, KRYSTAL N
 NEWSOM, DENISE
 7733 MEDICAL RESOURCE GROUP
 ST JOHN HEALTH
 URGENT CARE MANAGEMENT PC
 7800 ACKLIN, CONNIE L
 ADAMS, DAVID
 ALFORD, BENNIE
 ALLEN, WILLIAM J
 ANDERSON, ALBERTA D
 ANDERSON, JOSEPH
 ANDREWS, VERA E
 ANTHONY, JERRY L
 ANTLE, ANNA M
 ARCHIE, DOROTHY
 ARMSTRONG, KAREN D
 B SMITH

E JEFFERSON AVE 2010 (Cont'd)

7800 BAILEY, WANDA A
BANTA, MILTON C
BARBER, MARY L
BARNES, EUGENE E
BARNES, P J
BEAMON, LILLIAN J
BEASLEY, EDWARD
BEATON, PHYLLIS P
BELLARD, KENNETH D
BEST, THELMA
BLACK, MAURICE J
BLACKMAN, CURLY
BLOCKSON, LEE A
BOKOTA, STANLEY
BOLDEN, MATTIE
BRADBERRY, JUDITH
BRADLEY, DOROTHY
BRADLEY, PAUL
BRAY, MARY
BRINTLEY, LYNETTA
BROOKS, PATRICIA A
BROWN, BOBBY
BROWN, CHARLES
BROWN, HELEN L
BROXTON, EUMON L
BUCHANAN, VELMA J
BURGESS, CAROLYN J
BUSH, JATONA
BYNUM, DORIS B
CAMPBELL, COLLIER F
CAPERS, PATRICIA A
CARD, SILAS
CARR, CRYSTAL
CARROLL, FREDERICK
CARSON, MARTELL N
CARTER, ETHEL M
CARVAN, BETTY C
CAULEY, JEROME S
CAVITT, RICKY
CHAPMAN, DELORES
CHEEKS, ZIHORA Z
CHRISTIAN, MARY A
CLARK, BERTHA G
CLARK, JOY C
CLEMONS, LUCIOUS
CLEMONS, MILDREN V
COBBIN, MARILYN
COHENS, JOHN
COLE, B
COLEMAN, PAULINE

E JEFFERSON AVE 2010 (Cont'd)

7800 COLLINS, A J
COLLINS, EUGENE
CONLEY, EDITH L
CONNER, CHARLENE
COOK, SHEILA
COOPER, ORIER
CORNELUS, ELVIE
CRAIG, EDGAR M
CRAIG, NATHAN
CRAWFORD, NATHANIEL
CROSSLEY, GERALDIN
CROWN OF GLORY HAIR SALON INC
CRUTCHFIELD, ROBERT
CRYSTAL CLEAR CLEANING SERVICE
CURRY, NUMMIE J
D J LAWSON
DANIEL, PAUL
DANIEL-JR, JOE L
DANIELS, GLORIA R
DAVIS, DARWIN M
DAVIS, PAULINE B
DENMAN, DENISE R
DIXON, DELPHINE
DOLLAR, ANDREW A
DOYLE, MAURICE L
DUDLEY, FOREST
EDWARDS, DIANA M
EDWARDS, S
ERWIN, BERTHA
EVANS, ANDRE L
EVANS, LINDA S
FARLEY, LINDA M
FARROW, RUTH
FAULK, ADDIE L
FEAZELL, MARGARET
FERGUSON, THERESA S
FIELDS, ROBERT
FINN, WILHELMINA F
FORD, MAE J
FOREHAND, JOE R
FOSTER, CONSTANCE
FOSTER, CURTIS B
FOY, GERALDINE
FRAZIER, LUCIUS
GARFIELD, VERONICA
GARRETT, S
GILCHRIST, OLIVIA C
GILLIAM, JOE N
GIVENS, RUFUS C
GLENN, MARY F

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7800 GLENN, NORRIS
GOINS, PEARLIE M
GOODE, LETITIA T
GOODLES, E
GOODMAN, MABLE
GRANT, MARY
GRAY, WILLIAM W
GREEN, DAN
GREENE, IRMA J
GRIFFIN, VAL M
GROSS, LARNELL V
GUYDEN, FRANCES A
HAGGEN, YVONNE C
HALL, BRENDA J
HALL, GERALD M
HAMMOCK, GEORGE
HARDAWAY, TIANNA
HARDISON, BEVERLY
HARPER, DORETHA S
HARPERA, LORRAINE
HARRIS, LUCILLE
HARRIS, OTHA L
HARRIS, QUINCY
HARRISON, ANTONIA
HARRISON, BARBARA J
HATSHEPSITOU, M
HAWK, FLORENCE
HAWKINS, TERRANCE A
HAYNES, GENNIE
HAYNES, ROBBIE A
HENRY, JOYCE
HERRING, ROSE
HICKS, WINTON L
HILL, EARNEST
HINTON, SARAH A
HOBBS, CONSTANCE L
HOLMES, ILENE
HOPKINS, WILL F
HUDSON, MANNIE
HURNS, JOHN W
ISAAC, REUBEN
JACKSON, DELILLIAN E
JACKSON, DOROTHY M
JACKSON, KEITH
JOHNSON, EVELYN
JOHNSON, ROLAND
JOHNSON, SALESHIA
JOHNSON, THOMAS
JONES, HELEN E
JONES, LINDA

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7800 JONES, ROBERTA
JOURNEY, DARTAGKA
KELLEY, CECELIA
KEY, CLARICE
KIMBROUGH, EMMA M
KING, OLIVE M
KING, SAMUEL
LANE, DALE E
LANG, JOHN
LAVIGNE, KATIE
LAWSON, DAVID J
LAY, ISIDORA
LEE, ETHEL M
LENYOUN, ARNETT
LESLIE, JOHN O
LEWIS, SAMSON
LOGAN, MARILYN
LONG, ALBERTA
LUCKETT, CLASSIE B
LYNEM, VEESTHER R
MAMON, DIANE M
MARKWOOD, SUE
MARLIN, ELAINE
MARSHALL, JEANETTE M
MATHIS, VALERIE A
MAYERS, AZELINE
MCCRACKEN, VALERIE
MCCULLOM, WILLIAM D
MCCULLUM, MARY
MCGEE, CATHERINE
MCGHEE, MELVYN D
MCLEMORE, WILLIE J
MCMURRAY, KENNY
MCNARY, KIMBERLY J
MELVIN, MARY W
MILLER, JAYANN
MILLS, CALLIE
MILLS, L
MITCHELL, GLORIA J
MOBLEY, CHEREL
MONTGOMERY, WARDELL
MOORE, WESLEY H
MORGAN, ROSIE K
MORMAN, ADELE
MORRISON, ALLEARA
MORTON, DWIGHT E
MUHAMMAD, JOYCE
MURRIE, TOMMIE
MYATT, CAROL
NEAL, THOMAS

E JEFFERSON AVE 2010 (Cont'd)

7800 NELSON, HERSCHEL
 NELSON, ROSA M
 NELSON, SHARON
 NEWTON, GLORIA
 ORR, MARION
 OUTSOURCE
 OWENS, MARION
 PACK, VIOLET A
 PAG, JULIA
 PARIS, BARBARA
 PARKS, CALVIN
 PATTERSON, DOROTHY
 PEETE, MARVIN
 PENDLETON, ROY
 PEOPLES, MARLENE
 PERRY, ALICE
 PHILLIPS, CORRINE
 PHILLIPS, VALTINE
 PICKENS, FAYE
 POLLARD, CROMWELL
 POLLARD, LAMARR
 POMILEE, WILLIE M
 PORTER, JEANETTE
 POYDRAS, BARBARA J
 PRATHER, JAMES
 PRESLEYSOOTT, WILLIE
 PUGH, ALPHONSE
 PURYEAR, MILDRED
 RAINEY, ANNIE L
 RAMSEY, IDA M
 RANDOLPH, ELLEN T
 RAY, CHARLOTTE G
 REDDING, HAROLD R
 REED, MILES M
 REESE, GRACE L
 RENFROE, J
 REUBEN, ISSAC
 RHEINHARDT, MOLLIE M
 RICHARDS, ALBERT
 RIDLEY, GEORGE E
 RISKER, BETTY J
 RIVER TOWERS
 ROBERTSON, JERRY
 ROBINSON, PATRICIA
 RUSHING, GLORIA J
 SCOTT, LULA M
 SCOTT, ROSIE M
 SEARCY, VIOLA L
 SEATON, EVA L
 SHABAZZ, EUNICE M

E JEFFERSON AVE 2010 (Cont'd)

7800 SHAVERS, DEBORAH R
SHELTON, AUDREY L
SIMMONS, ELEANOR
SINGLETON, SUSAN
SLAUGHTER, JOANA M
SMITH, ANGELA C
SMITH, B
SMITH, CLARA J
SMITH, MURLINE M
SMITH, VIRGINIA V
SOCIETY OF AFRICAN AMERICAN PO
SOLIMAN, MOUNIAR
SPARKS, MARTEEZ L
STANLEY, ABRAHAM B
STEPHENSON, GWENDOLYN F
STEWART, CYNTHIA
STEWART, IRVIN W
STIGER, EUNICE M
SULLIVAN, BARBARA A
SUTTON, BREE L
SWANN, JOSEPH
SWIFT, BEATRICE M
SWIFT, SANDRA
TAYLOR, BLANCHE
TAYLOR, PEASIE M
TEDFORD, WALLA B
TELL, FREDERIC
THOMAS, CATHLIN
THOMPSON, T
TOLLIVER, MARY L
TRACY, ANNIE K
TRAMMELL, CONSTANCE
TRUELOVE, DAVID I
TUCKER, MAY
TURNER, ALVIN J
VERNON, LUCILLE S
WALKER, ALBERT B
WATLEY, JOHNNIE
WATTS, SEBRON E
WHITE, DENISE
WHITEHEAD, EDRA J
WILKERSON, WILLIE J
WILLIAMS, CLARA D
WILLIAMS, ROBERT
WILLIAMS, SAMUEL G
WILSON, JOHN
WINBURN, FLOSSIE M
WOODS, BRUCE L
WOODS, DONELL S
WRIGHT, EVA B

E JEFFERSON AVE 2010 (Cont'd)

7800 WRIGHT, MABEL E
 7815 ALATASSI EMAD
 DETROIT-MACOMB HOSPITAL CORP
 ENT SURGICAL
 GOTTAM NARSIMHA MD
 KNIGHT PHARMACY
 PARK FAM HEALTH CARE
 7869 GARALINOS PIZZA INC
 7875 AMMORI FAROOK
 PATTAH HUTCH
 8000 INTERNATIONAL UNION UAW 465
 INTERNATIONAL UNION UNI AUTO W
 INTERNATIONAL UNION UNITED AU
 INTERNTIONAL UAW FEDERAL CR UN
 INTERNTNAL UN U AA AG IP WK AR
 SUSAN HARWOOD TRAINING GRANT P
 UAW HEALTH & SAFETY DEPT
 UAW LOCAL 1954
 UAW LOCAL 566 BUILDING CORP
 UAW PUBLIC RELATIONS
 UAW RETIRED EMPLOY OF MOLD A M
 UAW SOLIDARITY HOUSE
 UAW STRIKE FUND
 UNION BUILDING CORPORATION
 UNITED AUTO WORKERS AMERICA
 VOLUNTARY BENEFITS PLAN FOR UA
 8005 JEFFERSON ULTRA SERVICE INC
 SUNOCCO
 VALERO ENTERPRISE LLC
 8045 AMBASSADOR NURSING HOME
 MOROUN NURSING HOME INC
 8100 ALEXANDER, TONYA
 BONAY, SOLOMON
 BOWERS, TODD
 BROWN KATHERINE H
 BROWN, LAVERNE
 BUTLER, RODNEY
 CALVERT, WYLEAN
 CARMA S
 CEASER, EC C
 CHEEKS, MARLENA
 COLEMAN, LALAFINA
 COLLINS, S
 DANDRIDGE, LEON
 DEAN, ALINDA A
 DOROUGH, TINA
 DURRAH, CHRISTINE
 EMILYS ELEGANT EVENTS
 ENGLISH, ANDREW E
 FAYES HAIR SALON

E JEFFERSON AVE 2010 (Cont'd)

8100 GIBSON, I
GREEN, JULIA
HAWKINS, KEVIN
HAYES, JOYCE A
HICKS, L
HUGHES COMPANY LTD
HUGHES, SANDRA M
HUNTER, STEVEN C
IMIM, JOSHUA
JAMES, ERICA
JOHNSON, DELIA
JONES, SHIRLEY M
JORDAN, GREG D
KIERST, WILLIAM
KING, KATHERINE
LEE SANG H MD
LIGE, A
LUNN, DEONDRE
MACKEY, ROBERT
MALONE, DANIEL K
MARQUES ALEXI DUPREE
MAY, DEVION
MAYE, NEFERTITI R
MCBRIDE, LAWRENCE E
MCCARTHEY INDUSTRIES INC
MCCORMICK, SHEILA
MCGOWAN, MARIE
MCINTOSH, CARMEN L
MIDGETT, RODNEY
MOORE, JOHN H
NEWELL, GLORIA J
NICKELSON, KAI
ODUMS, CHAVON
PYE, REUBEN A
RAMSEUR, RONNETTE M
RIVERS, DONOVAN A
ROBINSON, ALFRED
RONALD MOORING
SANG, H
SEGAN, SHAWN
SHEEKS, MARLENA
SOW, MOUSTAPHA
SPIVEY, DEVAINE
STEWART, KATHY
TATE, GENI K
TRUITT, EBONI
WALKER, AUDONTE
WHITE, ELLIS M
WHITFIELD, SYLVIA
WILLIAMS, ROCHELLE

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8100 WYCHE, LYNN

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7726 BREWER, JAMES C
 BYNUM, L A
 CARTER-GRIFFIN, K
 INFO TO GO INC
 KOWAL, CHRISTINE A
 LEWIS, J
 MARSHALL, CHRISTOPHER D
 MCGHEE, ELLA E
 NNAMDI, I D
 PITTMAN, MARY L
 PUCKETT ENTERPRISES
 TIERT, LORETTA
 WILLIAMS, TARNELL

7728 ALLEN, NORMA J
 ARCHIE, CHARLES B
 BURNS, NICOLE
 CORNELIUS, JOHN
 CRAWFORD, SAMUEL K
 GRIER, MARK A
 HENRY, WAYNE R
 KIMBROUGH, HOPE N
 NELSON, MAE I
 PREMIER SUPPLIERS
 SLACK, LARRY

7730 BLANFORD, DEBORAH
 LEWIS, BRENT A
 MOORE, YVONNE D
 ONEIL, CLARENCE E
 THOMPSON, RENEE G

7732 ALBRECHT, WILLIAM A
 ALDRIDGE, RAYMOND W
 BROWN, NICOLE
 HARDY, JOHN W
 WHITE, PANESSA

7733 SAINT JOHNS MEDICAL LIBRARY
 ST JOHN HEALTH
 TOURO UNIVERSITY

7800 ACKLIN, CONNIE L
 ALEXANDER, JAMES
 ALEXANDER, SHARON G
 ALFORD, B
 ALLEN, DAISY
 ALLEN, MARCELLA
 ANDERSON, OZIAS
 ANDERSON, WILLIE E
 ANTHONY, JERRY L
 ANTLE, ANNA M
 ARBITTER, JO
 ARCHIBALD, BLANCHIE B
 ARCHIE, DOROTHY

E JEFFERSON AVE 2005 (Cont'd)

7800 ARMSTEAD, ELAINE R
ARMSTRONG, ALLA
ARMSTRONG, DOROTHY
AYLER, ROSA L
BAILEY, ARCHIE
BAILEY, FRANCES R
BANKS, BERNICE
BARBER, MARY L
BARNES, EUGENE E
BEAMON, LILLIAN J
BEASLEY, CORINE
BEATON, PHYLLIS P
BELL, MONCIE
BENDER, ERMA M
BENSON, MM
BEST, THELMA
BICKLEY, MONTEZ
BLOCKSON, LEE A
BLUE, ALBERT
BOKOTA, STANLEY
BOLDEN, MATTIE
BRADBERRY, JUDITH
BRADLEY, PAUL
BRAZIER, JOHN W
BRIDGEMAN, WILLIE
BRIDGES, LAWRENCE
BROWN, ABNER
BROWN, AGNES
BROWN-BLANKS, GENEVA
BROXTON, EUMON L
BUDDIN, FONTELLA K
BUFORD, ADA
BUGGS, ARDIE D
BYNUM, DORIS B
CAMMON, MARVIN
CAMPBELL, COLLIER F
CAMPBELL, LOIS A
CANNON, WINDSOR
CARD, SILAS
CARTER, BETTY
CASSIDY, BRENT
CHAMBERS, R
CHAPMAN, DELORES
CHAPMAN, E
CHAVIS, WILLIETTE
CLARK, BERTHA G
CLAYTON, CLARENCE
COHEN, ORANGE D
COLE, TIFFANY
COLVARD, DAVID M

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7800 COTTRELL, SHIRLEY
CRAIG, EDGAR M
DALE, JOSEPHINE
DANIEL, PAUL
DAVIS, PAULINE B
DENNY, SUSIE
DILLARD, VERA L
DIXON, GEORGE H
DOLLAR, ANDREW A
DORITY, CLIFFORD L
DOUGLAS, GWENDOLYN
DOYLE, MAURICE L
DRAKE, CLEO
DRAW, RUBY V
DUDLEY, DELORIS A
DUDLEY, FOREST
EDWARDS, PHYLLIS D
ELLIOTT, ANTHONY
ETLINGER, PHYLLIS
EVANS, ANDRE L
FAIRBANKS, WILLIAM S
FARLEY, LINDA M
FARROW, RUTH
FAULK, ADDIE L
FEAZELL, MARGARET
FINN, WILHELMINA
FOLEY, VIRGINIA
FOREHAND, JOE R
FOSTER, CURTIS
FUQUA, EVELYN C
GAINES, WILLIAM
GASS, ULYD
GILCHRIST, OLIVIA C
GILLIAM, JOE N
GIPSONJONES, CLAUDIA
GLEATON, LEEGRAND G
GLENN, MARY F
GLENN, NORRIS
GOODE, LETITIA
GOODMAN, MABLE
GRADY, WILLIAM A
GRAHAM, VONCILE
GREENE, IRMA J
GRIER, BOBBIE J
GUNN, GERALDINE J
GUYDEN, FRANCES
HAIRSTON, EVERETT
HALE, PRESTON B
HANKINS, FREDDY
HARDRICK, LOUISE

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7800 HARMON, JAMES
 HARRELL, KATHERINE
 HARRIS, QUINCY
 HAWK, FLORENCE
 HAYNES, GENNIE
 HENRY, JAMES
 HENRY-GATLING, JOYCE
 HERON, LEE N
 HICKS, WINTON L
 HILDRETH, DOROTHY M
 HILTON, INA
 HINER, KIMBERLY M
 HINES, VERNA
 HINTON, ROBERT
 HOBBS, VIRGIL A
 HOLLAND, ANNIE M
 HOLMEN, SHAWN F
 HOLSEY, ALBERT
 HOPKINS, WILL
 HORTON, EUNICE M
 HUMPHREY, ERNESTINE
 HURNS, JOHN W
 HUTCHINSON, MURRAY
 JACKSON, DELILLIAN E
 JACKSON, DOROTHY
 JACKSON, MARSHA C
 JAMES, LESIA
 JENKINS, J
 JOHNSON, BARBARA J
 JOHNSON, ROLAND
 JOHNSON, THOMAS
 JONES, AUDREY
 JONES, ERNESTINE M
 JONES, FRANK R
 JONES, SHIRLEY M
 JORDAN, CLARA
 JOYCE, ANNETTE
 KELLY, BETTY B
 KENNEDY, HERMAN
 KING, OLIVE M
 KING, SAMUEL
 KIRKLAND, DOROTHY M
 KNIGHT, JOHNNIE E
 LAWSON, DAVID J
 LEE, SAMMIE C
 LEWIS, SAMSON
 LI, JUSU
 LOCKETT, EDWARD
 LONG, GEORGE
 LOVE, BRUCE A

E JEFFERSON AVE 2005 (Cont'd)

7800 LUCKETT, CLASSIE B
LUCKETT, ESSIE B
LYNEM, VEESTHER R
MAEH, CHRISTINE
MARKWOOD, SUE
MARSHALL, BERNICE
MARTIN, DAWN A
MATHIS, VALERIE A
MATTHEWS, VALTINE
MAYERS, AZELINE
MAYES, LIZZIE M
MCCOY, LILLIE
MCGHEE, MELVYN D
MCMURRAY, KENNY
MCNARY, CHARLOTTE A
MELVIN, MARY W
MILES, ELIZABETH
MILLS, CALLIE
MILLS, EDWARD L
MINNIEFEE, LEONARD
MONTGOMERY, DOUGLAS W
MOON, IRENE
MOORE, BETTY
MORMAN, ADELE
MULLINS, ALLIE M
NASH, ANNIE L
NASH, JENNIE M
NEAL, CHRISTINE
NELSON, JAMES H
NELSON, MARGARET
NELSON, SADIE
NICHOL, ODESSA L
NIXON, MATTIE B
ORR, MARION
OWENS, JOYCE A
OWENS, MARION
PATTERSON, DOROTHY
PEOPLES, MARLENE
PERRY, CARTHORN A
PHELPS, ROBERT J
PHILLIPS, GRADY E
PINKSTON, BOYD C
POLLARD, REBECCA
POMILEE, WILLIE M
POPE, GERTRUDE
POWELL, EDDIE M
PRINCE, ETHEL B
PUGH, ALPHONSE
PURYEAR, MILDRED
RAINEY, ANNIE L

E JEFFERSON AVE 2005 (Cont'd)

7800 RANDOLPH, ELLEN T
RAY, LEE
RAYMOND, GEORGE A
REDMOND, LUEGEAN G
REED, MILES M
REESE, GRACE L
REUBEN, ISSAC
RHEINHARDT, MOLLIE M
RICHMOND, EVA M
RIDLEY, GEORGE E
RILEY, KENNETH L
ROBERTSON, LUGINE
RUSHING, GLORIA J
SANDELIN, LOTIPAH
SANDERS, L
SATTIEWHITE, MYRTLE L
SCOTT, LULA M
SCOTT, ROSIE L
SCOTT, WILLIE M
SEARCY, LENA
SEATON, EVA L
SELLERS, SHERRY
SHABAZZ, EUNICE M
SHELTON, AUDREY L
SHIELDS, CASSANDRA I
SHIRLEY, PAUL B
SMITH, A
SMITH, MAHULDIA
SMITH, MURLINE M
SMITH, VIRGINIA V
SOLIMAN, MOUNIAR
SPANN, SIMMONS
SPANN-SIMMOND, BETTY
SPRATT, LARA E
STANLEY, ABRAHAM B
STEVENS, AZIBO K
STEWART, M
STONE, MARY L
SULLIVAN, BARBARA A
SULLIVAN, DOROTHY
SWIFT, BEATRICE M
TAYLOR, BLANCHE
TAYLOR, LUTHER
THOMAS, DAVID
THOMPSON, T
TOLLIVER, HARRISON
TRUELOVE, DAVID I
TUCKER, MAY
TURNER, ALVIN J
WALKER, PEGGY A

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7800 WALLER, ROBERT J
 WARD, MINNIE J
 WATSON, SHIRLEY A
 WATTS, SEBRON E
 WAY, ENOCH
 WEBB, FRANCES T
 WEEMS, GERTRUDE
 WHEELER, WILLIE M
 WILKERSON, WILLIE
 WILLIAMS, CAROL
 WILLIAMS, CLARA D
 WILLIAMS, DAVID L
 WILLIAMS, DORORTHY
 WILLIAMS, KATY L
 WILLIAMS, MATTIE C
 WINBURN, FLOSSIE M
 WOODS, MARY
 WRIGHT, VERNA L
 YOUNG, THELMA J
 ZACKERY, PRIMUS B
 7815 CONSULTANTS IN OPHTHALMOLOGY PC
 DOSHI USHAL MD
 GOTTAM NARSIMHA MD
 GREENSPAN & ASSOCIATES
 MACK ALIVE INC
 RICHARDSON PEGGY M D
 RMO PHARMACY
 SEABROOKS FRANKLYN E MD
 ST JOHN HEALTH
 WATTS RUTH ANNETTE MD
 WOMANCARE OF SOUTHFIELD PC
 7875 PATTAH HUTCH
 7889 GARALINOS PIZZA INC
 7895 DICK S BAIT & TACKLE SHOP
 7919 ALEXANDERS IN GREEKTOWN INC
 ASHLEYS FLOWERS INC
 8000 INTERNATIONAL UNION UNITED AU
 INTERNTIONAL UAW FEDERAL CR UN
 SUSAN HARWOOD TRAINING GRANT P
 UAW HEALTH & SAFETY DEPT
 UAW INTERNATIONAL
 UAW PUBLIC RELATIONS
 UAW SOLIDARITY HOUSE
 UNION BUILDING CORPORATION
 UNITED AUTO WORKERS
 UNITED AUTO WORKERS AMERICA
 WORKER HEALTH & SAFETY TRAININ
 8005 JEFFERSON ULTRA SERVICE INC
 8009 JEFFERSON VILLAGE ENTERPR
 8045 MOROUN NURSING HOME INC

E JEFFERSON AVE 2005 (Cont'd)

8100 ALDEN PARK TOWERS
BEARD, GAIL D
BELL, TOSHIBA Y
BOLDEN, APRIL
BONABY, CLEOPAS M
BOOKER, C
BROWN, TONISHA
BUTLER, NORMAN
CARTER, JACINTA A
CASON, KAREN M
COLEY, BRANDON W
COLLINS, D
COLLINS, S
COOPER, OLLIE
DAVIS, NADIA
DENNIS, AZIZMALIK A
ELLIS, R T
ENGLISH, ANDREW
FLYNN, STEPHANIE D
GIBSON, ETHEL
GLOGER, KURT L
GRAWFORD, JENNYFER
HALE, VALERIE A
HARRIS, LEE
HARVEST, FRANK J
HENDERSON, DERRICK J
HICKS, L
HODGES, TERRANCE X
HUNTER, STEVEN C
HYMON, JESSICA M
JACKSON, ANDRE
JOHNSON, ALLEN
JORDAN, GREG
LEE SANG H MD
LEE, S H
LOONEY, NICHOLE
MALONE, DANIEL K
MARQUES ALEXI DUPREE
MATHIAS, SHIRLEY J
MCCALL, TIMOTHY
MCCARTHEY INDUSTRIES INC
MCCURTIS, DENISE
MCDANIEL, JEFFREY C
MCGHEE, SHAUN
MCINTOSH, CARMEN L
MILLINER, F
MIREE, CINDY
MITCHELL, O L
MOORE, JOHN
MOORING, RONALD L

E JEFFERSON AVE 2005 (Cont'd)

8100 MORTON, TERRELL
MURRAY, LAMIEL A
NELSON, QUENETTA R
NEWELL, GLORIA J
NUBIAN ESSENCE
OWOBORODE, YEMI F
PATILLO, LATOI M
PEGGY, YOUNG
PULLIN, NIRA J
RAINEY, RAINADA
RICHARDSON, IDA
RIVERA, MARCUS J
ROSE, JOY
SINGLETON, VICTOR B
SOW, MOUSTAPHA
TATE, GENI K
THIAM, MAMADOU
THOMAS, RICARDO P
TORRENCE, CHEMEKA
TUFT, VERNITA R
UNITED PHARMACEUTICAL SERVICES
VERNON, LUCILLE S
WALKER, FRANKLIN
WATERS, ANGELA Y
WHITE, WILLIAM H
WILLIAMS, ACE
WILLIFORD, SHANTI
WYATT, CAMILLE M
YOUNG, PEGGY A

E JEFFERSON AVE

2000

(Cont'd)

7728 MAY, LEON
NELSON, MAE
PANKEY, BETTY
PARKER, JESSE J
POLLOCK, TODD
WILKINS, NATASHA J

7730 HIGGINS, JAMES V
ONEIL, C E

7732 HARDY, JOHN W
WALWORTH, BONNIE

7733 DETROIT-MACOMB HOSPITAL CORP
OUTER DRV ANESTHESIOLOGISTS PC

7800 ALLEN, ERSKINE
AMBROSE, ETHEL
ANDERSON, RONALD
ARNOLD, MAURICE
AYLER, ROSA
BAILEY, FRANCES K
BAKER, RUTH L
BANKS, H D
BANTA, L E
BARNES DONALD
BARNES, JUANITA
BATES, CHARLES
BEAM, D
BEATTY, WILLIE M
BENTON, JOANNE D
BEST, THELMA
BILLINGSLEA, REUBEN
BILLS, K C
BISHOP, H
BLANFORD, DEBORAH
BLANK, DALE R
BOKOTA, STANLEY
BOLDEN, MATTIE
BOND, EDDIE S
BOWDEN, ALFREDA
BOYD, WILLA M
BRIDGES, GLORIA J
BRIGGS, T
BROOKS, EVA
BROOKS, P A
BROWN, ABNER
BROWN, CHARLES
BROWN, WILLIAM
BROXTON, EUMON
BUFORD, HELEN
BUGGS, ARDIE D
BULLOCK, B
BURNS, F T

E JEFFERSON AVE**2000****(Cont'd)**

7800 BURRELL, ELNORA
BUTLER, DORETHA
CALDWELL, LEA L
CAMMON, LUCILLE
CAMPBELL, COLLIER
CARD, JUANITA
CARMELL, HEDY
CARTER, L B
CHAMBERS, R
CHAVIS, A B
CLARK, B
CLARK, JESSE W
COHEN, O D
CONLEY, CLAY
COOK, WILLIAM
COTTRELL, SHIRLEY
CROOK, K
CUMMINGS, LOUISE
DANIEL, PAUL
DAVIS, CARRIE M
DAVIS, P B
DENNY, SUSIE
DILLARD, BLANCHE
DIXON, TANISHA
DORITY, FANNIE
DOYLE, E
DRAW, RUBY
DREVN NATURALS SALON
DUDLEY, FOREST
EADY, PHILLIP E
ECHOLS, MARY
EDMONDS, ARTHUR
EDWARDS, PHYLLIS D
EGRINI, GRACE
ELLIOTT, ANTHONY
ELLIS, TOMMIE
EVANS, LUCY J
FEAGIN, B
FEIMSTER, C
FERGUSON, JOSEPH
FOREHAND, JOE
FROEHLICH, E E
FUQUA, EVELYN C
GARNER, H
GATLING, CARL M
GILLIAM, JOE N
GIPSON-JONES, CLAUDIA
GLASS, VERGIE
GLEATON, L
GOODMAN, J

E JEFFERSON AVE 2000 (Cont'd)

7800 GORDON, CHARLES
GRANT, NELLIE
GRAY, WILLIAM W
GRIFFIN, IDA
GUICHARD, ROBERT
GUNN, G J
HANKERSON, WILLIE
HANKINS, FREDDY
HANSBERRY, MARIE
HARMON, JAMES
HARPER, GINO
HARRELL, K
HARRIS, OTHA
HARRIS, ROSETTA
HAUGABOOK, MILDRED
HAWK, F
HEARD, WILLIE
HENRY, GATLING J
HICKEY, M
HICKS, WINTON L
HOBBES, FRANK K
HOGUE, GAINES A
HOLLAND, ANNIE M
HOLMEN, FRANCES
HOPKINS, ANNIE
HORTON, ETHEL M
HUNT, MYRTIS
HURLEY, RICHARD
HUTCHINSON, MURRAY
JACKSON, ETHEL
JACKSON, V
JACKSON, WILLIE L
JENNINGS, ELIJAH
JOHNSON, C K
JONES, D
JONES, E
JONES, GEORGE A
JONES, HELEN M
JONES, LOTTIE
JONES, P E
KELLEY, CARRIE L
KELLY, B
KENNEDY, MILDRED L
KERSHAW, P
KING, OLIVE M
KUYKENDALL, LOUISE L
LANG, LILLIE M
LEE, WILLIAM E
LEWIS, LUCILE
LITTLEJOHN, JANIE

E JEFFERSON AVE 2000 (Cont'd)

7800 LOCKETT, EDWARD
LOVE, BRUCE
LOWE, GERALD K
LOWERY, JOALLEN
LUCKETT, ESSIE B
MANNING, SAMMY
MARCUS, BARBARA
MARTIN, WILLIE B
MAYES, LIZZIE M
MCCOLLOUGH, ELLA
MCDONALD, PHILIP J
MCGHEE, ADOLPH A
MCGHEE, MELVYN
MCWHITE, LEROY
MEEKS, T J
MILLER, D M
MIMS, C
MINNIEFEE, DOLLIE
MITCHELL, M J
MOBLEY, ELEANOR
MONTGOMERY, DOUGLAS
MOON, IRENE
MOORE, CARNELL
MOORE, L J
MORRIS, OPHELIA M
MULLINS, ALLIE M
MUMFORD, DOROTHY M
NASH, ANNIE
NASH, J
NEAL, C
NELSON, JAMES
NEWTON, BARBARA
PARKER, ARMAND F
PARKER, OLEY
PHILLIPS, DEANNA
PHILLIPS, GRADY
POMILEE, WILLIE M
POPE, G
POWELL, EDDIE M
POWELL, ELSIE
PRINCE, ETHEL B
PUGH, A
PURYEAR, MILDRED
QUARLES, THELMA
RANDOLPH, ELLEN
RANDOLPH, LUCY B
RAYMOND, GEORGE A
REED, IDA R
REED, MICHAEL
REED, WILLIAM

E JEFFERSON AVE 2000 (Cont'd)

7800 REESE, GRACE
RHEINHARDT, MOLLIE
RICHMOND, EVA M
RIDLEY, GEORGE E
RILEY, MILLIE
RIVER TOWERS
ROBINSON, INDIA
ROBY, WILLIE A
ROQUEMORE, ARVELIA
ROSCOE, CARL E
SAMAKLIS, BETTY J
SANDERS, L
SATTIEWHITE, MYRTLE
SCONYERS, VIRGIN D
SCOTT, GEORGE W
SCOTT, HELEN
SCOTT, L
SEARCY, LENA
SHELTON, AUDREY
SHIELDS, C I
SITZMANN, G
SLEDGE, P L
SMITH, ERNEST
SMITH, MOLLY S
SMITH, MURLINE
SMITH, REO
SMITH, V
STANQUITS, B
STEWART, WILLIE N
SYKES, OPHELIA
TATE, ETHEL
TATUM, MARY E
TAYLOR, B
TAYLOR, CHARLES
TAYLOR, JAMES O
THOMAS, C
THOMAS, DAVID
THOMAS, F T
THOMAS, HATTIE
THOMAS, INEZ
THOMAS, J
THOMAS, P M
THOMAS, TESSIE
THOMPSON, L
TISDALE, GLORIA L
TUCKER, BERNICE
TURNER, ALVIN
VANPROOSTENBERG, MARY
WALLACE, C
WALLACE, CORRINE

E JEFFERSON AVE 2000 (Cont'd)

7800 WALLER, GLADYS
 WARD, R
 WARDFORD, ESTHER
 WATERS, HERSTON E
 WATLEY, LALIE
 WATSON, SHIRLEY A
 WEEMS, G
 WILKERSON, WILLIE
 WILLIAMS, A
 WILLIAMS, CAROL
 WILLIAMS, EARL
 WILLIAMS, FLORA
 WILLIAMS, FRED A
 WILLIAMS, I M
 WILLIAMS, JOHN H
 WILLIAMS, SAMUEL
 WILSON, MAE
 WILSON, NORVAL L
 WILSON, ROSIE M
 WINBURN, FLOSSIE
 WINGATE, B
 WOMACK, YVONNE
 WOOLRIDGE, ERNEST
 WRIGHT, E
 YOUNG, LOUIE
 ZACKERY, PRIMUS
 ZINNERMON, I
 7815 DETROIT-MACOMB HOSPITAL CORP
 MACK ALIVE
 MAISEL HARRY MD
 PARK FAMILY HEALTH
 WOMANCARE OF SOUTHFIELD PC
 7869 GARALINOS PIZZA INC
 7875 PATTAH HUTCH
 7895 DICK S BAIT & TACKLE SHOP
 7919 WHY-NOT FLOWERS
 8000 AUTO WORKERS UAW LOCAL 1304
 INTERNATIONAL UNION UNITED
 INTERNTONAL UAW FEDERAL CR UN
 UAW INTERNATIONAL
 UAW PUBLIC RELATIONS
 UNION BUILDING CORPORATION
 8005 JEFFERSON ULTRA SERVICE INC
 8045 JOHNSON, DELORES
 MOROUN NURSING HOME INC
 8100 ABDALLA, NAVEEN
 ALDEN PARK MARKET
 ALDEN PARK TOWERS
 BARTON, MONICA R
 BEARD, GAIL

E JEFFERSON AVE 2000 (Cont'd)

8100 BONABY, CLEOPAS M
BOYEA, JOY
BRAGG, ANDREA
BRANDEMIHL, ALICE L
BRIES BOUTIQUE
COBB, LIZA
COOPER, ELIJAH A
CRAWFORD, L
DAVIDSON, ALEXIS
DUHART, WILLIAM
E & G MEDICAL ASSOCIATES P C
ELLISON, MICHAEL
F & M PROTECTION INC
FOSTER, JAMES
GARDNER, NINA J
GIBSON, JAMES
GLOGER, KURT
GREEN, ALAN M
GRESHAM, CONNIE
HAIDARA, A
HARLAN, K
HODGES, T X
HUNTER, S
HUNTER, STEVEN
JARVIS, DONNA
JORDAN, GREG
LEE SANG H MD
LEE, S
MARTIN, R
MARTIN, WANDA
MASOURIS, P
MATHIAS, S J
MCCLENDON, GERALD
MCCURTIS, DENISE
MCDANIEL, JEFFREY
MCGHEE, CALVIN
MIREE, CINDY
MOORING, RONALD
MORTON, TERRELL
MOSLEY, FAYE V
MURRAY, KAREN D
NEWELL, GLORIA
OBIDZINSKI, EDWARD P
OVERTON, VALERIA
PARKWYCKE TOWER APARTMENTS
PAYMON, MARY L
REDMOND, TAMARA A
SHIELDS, MICHAEL A
SINGLETON, EUGENE V
SMOOT, D S

E JEFFERSON AVE 2000 (Cont'd)

8100 TATE, GENI
THAGGERT, TAMMY
THOMAS, RICARDO
THOMPSON, S
TORRENCE, CHEMEKA D
WATERS, ANGELA
WATLEY, LLOYD
WHITE, DELORES
WILEY, REUBEN
WILLIS, D
WINARSKI, RICHARD J

E JEFFERSON AVE 1995 (Cont'd)

7726	CARREE, TONYA CHAPMAN, COLIN COLLINGS, JOHN R DISTEFANO, S GAYLOR, A KEESEEE, AJA PADIEU, MARIUS STRONG, T B
7728	MUNKWITZ, K RUSSELL, BRUCE SATWICZ, M L TERRI, J A WISNIEWSKI, JANE E
7730	BAGLEY, EUNICE IRBY, E MARTINEZ, PAUL PEYRAT, JEAN A
7732	HARDY, JOHN W KEITH, GILDA ROSSA, IRENE J SCOTT, RICHARD
7733	DETROIT-MACOMB HOSPITAL CORP DPH ENTERPRISES MARRIOTT FOOD/RIVERVIEW H OUTER DRV ANESTHESIOLOGISTS PC TRIANGLE DRUGS NO 2
7800	ALLEN, ERSKINE ANDERSON, J C ANDERSON, OTIS AYLER, ROSA AZEEZ, TARIQ BAKER, WILLIAM BANKS, H D BANTA, L E BARNES, CLEDUS BASKERVILLE, G W BAXTER, AURELIA BEATTY, W M BELL, ANDRE BENJAMIN, P BENTON, J BEY, CECIL H BLAND, E I BLOCK, ARAY BOKOTA, STANLEY JR BOLDEN, MATTIE BOWERMAN, PHYLLIS BOYD, ANGELA R BOYD, WILLA M BOYKIN, GEORGIE A

E JEFFERSON AVE 1995 (Cont'd)

7800 BRABOY, P
BRADFIELD, JUANITA
BROOKS, ABE
BROWN, CHARLES
BUFORD, HELEN
BUGGS, ARDIE D
BURNEY, ROBERT J
BURNS FUNERAL HOME
BURNS, F T
BURRELL, JOHN H
BUTLER, ELIZA
CAFAGNA, J
CALVIN, WILLIE
CAMMON, LUCILLE
CAMPBELL, COLLIER
CARD, JUANITA
CARTER, L B
CAVER, ALBERT
CAVETT, DELORES
CHAMBERS, R
CHAVIS, A B
CLARK, B
CLARK, MARVIN
CLAY, EDDIE
COHEN, O D
COLE, C
COLE, MARIE D
COLEMAN, MARRIE
COLLINS, JAMES
CONLEY, JESSIE
COOPER, TAYLOR H
COTTERELL, C
CRAWFORD, E SR
CUMMINGS, LOUISE
DANIELSON, PAULINE
DAVIS, THOMAS
DEMARTINO, C E
DENTER, ROSA L
DOUGLAS, G
DUDLEY, FOREST
DUKES, CLIFTON
DUNCAN, LEONARD T
DUNNIGAN, ZANA
EADY, PHILLIP E
ECHOLS, M
EDGERSON, SAMUEL
EDMONDS, ARTHUR
EDWARDS, P D
ELDER, ADDIE
ELLIS, TOMMIE

E JEFFERSON AVE 1995 (Cont'd)

7800 EMBRY, JOYCE
EVANS, LUCY J
FEDURUK, C H
FEIMSTER, C
FERGUSON, JOSEPH
FISHER, WILLIAM H JR
FORD, R
FOREHAND, JOE
FOURMIDABLE GROUP INC
FREEMAN, JOHNNIE
FROEHLICH, E E
GAINES, LAVERNA
GANT, THOMAS
GARRETT, LINDSAY
GATLIN, BOSIE
GAY, ODELIA
GIBBS, CHARLES
GLEATON, L
GOOD, EVELYN
GOODNIGHT, G V
GRANT, NELLIE
GRAY, WILLIAM W
GREEN, C
GRIGGS, DORIS C
GUNN, G J
HALL, B E
HARDEN, DOROTHY
HARPER, A L
HARRIS, H
HARVEY, RHONDA
HAUGABOOK, MILDRED
HAWK, F
HAYES, K
HEARD, WILLIE
HESTER, A
HICKEY, THOMAS
HILDRETH, DOROTHY M
HILTON, MARY A
HOGAN, JAMES
HOGUE, GAINES A
HOLLAND, ANNIE M
HORTON, ETHEL M
HUGHES, S L
HUNT, M
HUNTER, MARY
HURLEY, RICHARD
INGRAM, R
JACKSON, GEORGE T
JACKSON, V
JACKSON, WILLIAM O SR

E JEFFERSON AVE 1995 (Cont'd)

7800 JAMES, FRANK E
 JENNINGS, ELIJAH
 JOHNSON, JOHN
 JOHNSON, L
 JONES, E
 JONES, GEORGE A
 JONES, HELEN M
 JONES, P E
 JOYNER, E
 KELLEY, CARRIE L
 KELLY, B
 KIDD, OLA
 KING, OLIVE M
 KUYKENDALL, LOUISE L
 LANG, LILLIE M
 LASENBY, CARRIE
 LAUBE, L L
 LAUDER, R
 LEE, WILLIAM E
 LOCKETT, EDWARD
 LOVE, BRUCE
 LOWERY, JOALLEN
 LUCKETT, ESSIE B
 MACKEY, LUCILLE M
 MARTIN, RUBY
 MASSEY, CHARLES JR
 MATTHEWS, ROY F
 MAYES, LIZZIE M
 MAYNARD, O
 MCCANN, KEITH
 MCDONALD, PHILIP J
 MCFARLIN, JANIE
 MCGHEE, MELVYN
 MEANS, VERNON
 MERRITT, JOHN E
 MIDDLEBROOKS, ARTHUR
 MILLER, D M
 MINNIEFEE, D M
 MITCHELL, M J
 MONTE, M L
 MONTGOMERY, DOUGLAS W
 MOORE, E L
 MOORE, GLORIA C
 MOORE, L J
 MOORE, MOZELLE E
 MORGAN, MABLE
 MORRISON, HAZEL
 MOSLEY, GREER
 MULLINS, A M
 MURPHY, C

E JEFFERSON AVE 1995 (Cont'd)

7800 MYERS, L
 NANCE, EVERETT
 NASH, J
 NASH, MARY
 NELSON, JAMES
 NICHOLSON, E D
 NORED, PAUL
 NORMAN, MARY
 NUNN, L
 ONEAL, ROBERTA
 PACK, WILLIE B
 PAIGE, LESSIE
 PARKER, ALPHA M
 PARKER, ARMAND F
 PARKER, JESSIE
 PERKINS, SHAW
 PHELPS, ROBERT
 PITTS, ANNIE L
 POWELL, ALVIN
 POWELL, ELSIE
 PUGH, A
 QUARLES, THELMA
 RANDOLPH, LUCY B
 RAYMOND, GEORGE A
 REED, WILLIAM
 REESE, GRACE
 REID, T
 RHEINHARDT, M
 RICE, MARY A
 RICHARD, DOROTHY G
 RIDLEY, GEORGE E
 ROBERSON, MAGGIE J
 ROBINSON, WALTER T
 ROQUEMORE, WILLIAM
 ROUNTREE, E
 RUCKER, RUTH M
 SAMAKLIS, JAMES T
 SCAGGS, WILLIAM A
 SCONYERS, VIRGIN
 SCOTT, GEORGE W
 SEARCY, LENA
 SEEWOOD, G
 SEGREST, MARTHA
 SHIVELY, MARION
 SIGLER, G A
 SIMMONS, SALLY
 SITZMANN, G
 SMITH, ERNEST
 SMITH, REO
 SMOTHERS, MICHAEL

E JEFFERSON AVE 1995 (Cont'd)

7800 SOMERVILLE, EARLINE
SOREY, RHINIE
SPENCER, E J
STEPHENSON, HENRY
STEWART, WILLIE N
STRONG, LARRY
SULLIVAN, ROCKLYN
SWEENEY, KENNETH L
SYKES, OPHELIA
TATE, ETHEL
TATE, JOHN C SR
TATUM, MARY E
TAYLOR, B
TAYLOR, WILLIE C
TERRELL, PAUL
TERRELL, R
THIGPEN, INEZ
THOMAS, EMMA L
THOMAS, F T
THOMAS, P M
THOMAS, TESSIE
THOMPSON, L
TRIBETT, LUCILLE
TUCKER, BERNICE
TURNER, JAMES R
UNDERWOOD, J
URBAN, M A
VINCENT, CHARLES H
WALKER, S
WALLER, GLADYS
WARDFORD, ESTHER
WATERS, HERSTON E
WEBB, POSIE
WEEMS, G
WEISS, H E
WELLINGTON, J
WESLEY, CALVIN
WEST, ALBERTA
WILKERSON, WILLIE SR
WILLIAMS, ALBERTA
WILLIAMS, HILLIS M
WILLIAMS, L M
WILLIAMS, SAMUEL
WILSON, NORVAL L
WILSON, ROSIE M
WINBURN, FLOSSIE
WOODS, CARLTON
WRIGHT, JEDIE
ZECH, E
ZINNERMON, I

E JEFFERSON AVE

1995

(Cont'd)

7815 CHAN ROGER
 DETROIT-MACOMB HOSPITAL CORP
 JENKINS SIDNEY MD
 JENKINS, DOROTHY M
 LERNER, LARAN
 MCCALL, M G JR
 MEDICAL DCTORS FMLY CLINIC PC
 SPOHN EARLE W JR DO
 WOMANCARE OF SOUTHFIELD PC
 7820 RICKS, VERG
 7869 GARALINOS PIZZA INC
 7875 CEDAR WORLD INC
 SHEENA INVESTMENT COMPANY
 7895 DICK S BAIT & TACKLE SHOP
 7919 WHY-NOT FLOWERS
 8000 AUTO WORKERS UAW LOCAL 1304
 BERGER-HILL, BARBARA
 INTERNATIONAL UNION UNITED
 INTERNTONAL UAW FEDERAL CR UN
 JOB DEVELOPMENT & TRAINING
 UAW SOLIDARITY HOUSE ARA
 UNION BUILDING CORPORATION
 WALKER ROBERT
 8005 SUN SERVICE CENTERS INC
 8045 BELL, J
 BLAKELY, JOHNNIE M
 BODEEP, F
 BROGDON, M L
 BURNS, AUDREY
 BURTON, ELNORA
 COURTNEY, MARY J
 FLOWERS, M
 FORD, ETHEL
 FOSTER, Z
 FRANDS, B L
 HOFFMAN, B J
 HUGHES, LILLIAN
 JOHNSON, EVA
 JOHNSON, RUTH
 JOHNSTON, M
 MARX, BEN T
 MILLS, HAYWOOD
 MODICH, WANDA
 MOORE, KELLER
 MOROUN NURSING HOME INC
 MURDOCKRAMSEY, BERNICE
 MURRAY, E
 PALMER, ETHEL
 PEDERSON, LORETTA
 PETRAKIS, K

E JEFFERSON AVE 1995 (Cont'd)

8045	PIGOTT, R V PINKARD, MARY RAMSEY, BERNICE M SHANNON, B SMITH, REBECCA STROTHER, LEONARD UNDERWOOD, E M WALLACE, R WEST, WENDELL A WILSON, FRANCES C
8055	OCCUPANT UNKNOWNN
8100	ALDEN PARK MARKET ALDEN PARK TOWERS BARRETTA, C BRANDEMIHL, L BRIES BOUTIQUE CARPENTER, CYNTHIA F CARR, BERNICE CLARK, ANGELA COLEMAN, L COLVIN, RENE COMPANIES LOONE INC CRAWFORD, L DAVIDSON, ALEXIS DAVIS, RENISHA FREEMAN, M GRAVITT, SAROYA GREENE, MARCIA GRIFFIN, F HARLAN, K HARRELL, PAMELA HODDE, L HUMPHREY, P M KUCHTA, H LEE SANG H MD LEE, S H LORD, LESLIE LOVE, GINA LOWE, DOROTHY MACAULEY, M A MARSHALL RUSS PHOTOGRAPHY MASOURIS, P MATHIAS, S J MCGHEE, CALVIN MCNAIR, JIMMY L MITCHELL, ANNIE MONTGOMERY, F MOORING, RONALD PAIGE, KORTNE PALMGREN, E

E JEFFERSON AVE 1995 (Cont'd)

8100 PARKSTONE THRPTIC TOUCH CLINIC
PARKWYCKE TOWER APARTMENTS
PENICK, BEN
PERRY, G
RANDALL, E
REED, DANNY
ROGACHEFSKY, ROBERT
ROSE, S
SAFFOLD, FRED
SMOOT, D S
STRAYHORN, SHERRY
THOMAS, MICHAEL
THOMPSON, ANGELA
TRENT, K
TUCKER, MOLLY B
VANCE, CHRIS
VARIANEAVES, K
VENTOUR, M
WOODWARD, J P

E JEFFERSON AVE 1992 (Cont'd)

7722 CRISTANCHO, MARIO
 LEACH, J
 SAINANEY, ALAN

7726 THOMAS, K L

7728 TERGRUEGGEN, J A
 VOGEL, F L
 WISNIEWSKI, JANE E

7730 PEYRAT, JEAN A

7733 DETROIT MEMORIAL HOSPITAL LIB
 DETROIT-MACOMB HOSPITAL CORP
 DPH ENTERPRISES
 OUTER DRV ANESTHESIOLOGISTS PC

7800 ANDERSON, JOYCE C
 BARRINGTON, B J
 BELL, MENTIE
 BOKOTA, STANLEY JR
 BOLDEN, MATTIE
 BOWERMAN, PHYLLIS
 BRADFIELD, JUANITA
 BROWN, M
 BROWN, WILLIE E
 CARTER, L B
 CAVER, ALBERT
 CHAMPION, ALBERTA
 CLARK, B
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L C LINSOEAU	8236287	DAVIO WILLIAMS	5 8225035	M A MACAULEY	3312777
M B MACCORMICK	8236331	GEORGE WILLIAMS	3311366	RUSS W MARSHALL	8 3314679
WM L MACDONALD	8211718	HILLIS M WILLIAMS	0 8224568	P MASOURIS	4 8247182
LUCILLE M MACKAY	8248871	L A WILLIAMS	8236089	C MATHIAS	3316738
LAWRENCE V MACLIN	5 8233048	RICHARD WILLIAMS	-8228431	ADRIAN A MCGONAGLE	3312225
CATHERINE M MALONE1	3315849	WILBERT J WILLIAMS7	3311189	L R MCLEAN	3312989
C B MARCHBANKS	8231998	WILLIE WILLIAMS	3 8247175	*MICH DEMOCRATIC	8247244
LORENE MARTIN	5 3318072	DAVIO H WILLIAMSON	8210216	*MICH WMSN CAMP FND	8231830
RUBY MARTIN	-8234995	EDWARD WOODS	1 8220480	1 PAOQUI	1 8240940
SARAH MASON	3 8235337	H F WOOTON	8232548	R PAGE	4 8242126
CHARLES MASSEY JR	3 8235491	JEDIE WRIGHT	7 8249417	E PALMGREN	4 3314897
M MATTHEWS	4 3315527	J G WANCEY	#2243114	L PARKER	#225075
ROY F MATTHEWS	5 8222651	ERRIS YARBROUGH	5 8236229	*PARKSTONE BY SALN	-890939
H S MCAFEE	0 8232209	E ZECH	8240896	D E PATTERSON	3312060
M MCBURNEY	9 8217775	7815*DR OSCAR A BROWN	#218000	JAMES A ROBINSON	4 8228969
*DR M G MCCALL	8225504	*DR C C OWLES	#218025	CARL ROLLYSON	1 8230940
PHILIP J MCDONALO	8225840	*DET MACOMB HSPTL	8216000	RICH A ROOCH	-8221181
CHARLES G MCGHEE	8217330	*DET-MCMB HOSP CORP	8218000	STEPHEN ROSE	#225599
GRACIE MCGEOD	3 8212332	*DET MCMB HSP PRCHS	8216000	CLAIR D SARATA	3312863
VANCE MCMILLAN	3 3318241	*DET MACOMB HSPPTL	8216000	KEITH G SEIFERT	#243197
		*DR D DIVELLA	8216026	MIKE SHUTOVICH	0 3313666

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E JEFFERSON AVE 1982

7	7225*GRANO PATENT MEOCN	3314609	7800	8UO ALLGOOD	4 8228864	7800	BILLIE JOHNSON	-8234882
7	*GRANO SECURITY GRO	3314711		C ANDERSON	4 8316977		MRS CARL E JOHNSON	8231841
7	*BELLE ISLE STANORO	3311242		O A ARTER	4 8225616		EUGENE F JOHNSON	9 230656
7	*JEFFERSONFIELD SV	3311242		JAMES O AUSTIN	4 8223011		JOHN JOHNSON	9 4992546
7	7311*ACAPULCO RESTAURNT	8241244		WILLIAM BAKER	0 8226832		L JOHNSON	0 229745
7	7319*BEL-LE ISLE INS AGCY	8247400		E BALAT	8233541		OWEN JOHNSON	7 3316425
7	*SPANO IMPRVEMNT	8243700		REV H D BANKS	9 3314485		GEORGE A JONES	4 3314564
7	7349*AFFILIATED CLINICS	3315110		L E BANTA	4 8230857		MILORE F JONES	4 3314564
7	OR RICHARD LUTZ	8243553		PATRICIA BARNEY	82224304		L N JOSEPH	4 8222743
7	*MARINE RECRUITING	8243553		B J BARRINGTON	6 8233588		E JOYNER	4 3311235
7	*US NAVAL RESERVE	8242400		H B BAYM	8 3316973		ROY JUNKINS	6 3316927
7	*US NAVAL RESERVE	8242402		JULIUS BECK	-8240934		AGNES KARPINSKI	4 8215693
7	** ALL EVEN ADDRESSES	**		JAMES BELL	4 8249226		MILFORD KELLOGG	0 8235932
7	** FROM 7700 TO 7732	**		MENTIE BELL	6 8231072		NETTIE KLEIN	4 8213246
7	** ON JEFFERSON E ARE	**		F BENNETT	4 8217814		BEULAH KNAGGS	4 8232165
7	** RIVER TERRACE APTS	**		KATHRYN BERG	8 8230629		M KOVAL	8 8235954
7	** 178 UNITS	**		JOHN BERKE	4 8232434		AUGUST E KULANDER	4 8224062
7	** JOHN SITEK MGR	**		RAYMOND L BERTRANO	3317956		J B KULKA	0 8221408
7	** 8243709	**		E BIERCE	4 3314951		FRANCES E LAGRAFF	9 824833
7	7700 ALICE HUMPHRIES	8331795		J H BICKHAM	4 3316032		CARRIE LASENBY	8 8241049
7	A MANOR	0 3318643		JOSEPH BLOOM	8222558		L L LAUBE	-3312098
7	O I PERAT	8248567		STANLEY BOKOTA JR	6 8237019		E N LAWSON	8 3316353
7	FRANK SCHMELL	7 8241138		REV WM S BOKMAN	7 8215067		R L LAWSON	8 8219607
7	JOHN SMT TH	0 8236640		GEORGE BRANNAN	7 3335001		HOWARD A LEE	8241306
7	7702 B BANKS CLARKE	8243965		WINIFRED BRIGGS	4 8240161		JOHN LEE	4 3310578
7	DON R HALL	8244475		L M BROAD	4 8220119		MIRIAM LEE	4 8222566
7	J KUZNER	4 8235009		VIRGIE BROOKS	9 3317038		WILLIAM LEE	5 3313521
7	MRS EARL F MOSSNER	8244314		WIT BROSNAN	7 3317952		M LEONARD	4 3316964
7	*OR V L ROBINSON	8240656		JEAN BROWN	4 8214671		VIRGINIA LESTER	8244976
7	JAMES O WESTPHAL	8 8231190		LOUISE BURGHAROT	8 8216419		E LEWANDOWSKI	4 8218157
7	7704 C BARTON	8244609		MRS J BURKE	4 8232588		T LEWANDOWSKI	4 8217820
7	BELL	-824850		MEL BURKHART	7 3316016		E M LINK	4 3312572
7	GUEAN M CHAVALTER	9 3318107		ROBERT J BURNEY	5 3316121		EMMANUEL A LINK	9 4993995
7	HARRY T COOK II	9 3314661		MRS ELIZA BUTLER	7 8223139		L C LINSOEAU	4 8236287
7	BRUCE O MCKEACHIE	0 331321		FRED W CACKLE	4 8233481		JOHN V LUCAS	4 8219243
7	OR SHEILA SNEEHAN	8243563		L F CARMONEY	4 8234112		ABBE LUCKEY	5 3316053
7	CAL ALTONARE	8 3316132		EONA CARNES	5 3314349		P LUTZ	8248144
7	FRANCIS BYRNE	0 8234873		STANLEY CAYNE	4 8249508		GEORGE K LYNCH	-8226290
7	MRS V GORMELY	8244229		F CHAMBERLAIN	7 8225982		M B MACDRICK	4 8236364
7	R A HOLLAND	8243166		B CHAMBERS	4 8215465		M H MACDONALD	5 8217116
7	LOIS G L'NEAU	8 3311114		A CHMURA	4 3314651		LUCILLE M MACKAY	4 8248871
7	MICHAEL H MCLEOD	-8233023		O M CHRISTE	0 8235916		EDWIN MAHER	4 8234782
7	J SIGLER	0 3311367		E CHRISTENSEN	9 8237118		FRANK MALENNI	4 8231117
7	PETER ULINTZ	0 8222461		J CLABAUGH	9 8241511		CATHERINE M MALONE	-331849
7	ROBERT W WITIG	0 3317320		M M CLANCY	6 8231401		C M MALONEY	4 8231968
7	J F WYNN	0 3317320		CHARLENE CLARK	4 8213813		C MANNINO	8 8234904
7	7708 KENT BATHURST	83318829		MARVIN CLARK	4 8210553		RICHARD L MARTIN	4 8235874
7	RAYMOND COLE	8232650		ELLEN A COLE	4 8210553		H R MCAFEE	0 8232209
7	HOWARD CUSHNER	8 3324817		EVILIS COLEMAN	0 8225739		M M MCCAETHY	9 8227775
7	ROBERT KROPF	0 8240358		JAMES COLLINS	5 3311377		OTIE I MCCARTHY	4 8216066
7	ROBERT MACKIE	0 8242656		F W CONGER	4 3310147		JOHN MCCHEARY	7 8227732
7	MRS GEORGE SYLER	8243706		L V COOK	9 8234267		JACK MCCLAIN	8 8210115
7	7710 CHARLES BROWN	0 8242150		L COEREMAN	6 3313484		ANN MCCULLOCH	4 8217305
7	L CAIN	9 8231303		WILLIAM COURTNEY	7 8219238		PHILIP J MC DONALD	4 8225840
7	CHARLES H GROSS	9 8241120		GILBERT G CUMORE	4 8240986		GLENN MCCLATHY	6 8231264
7	C H HEALEY	6 8225996		JAMES CURRY	0 8226688		WILLIE M MCCLATHY	6 8231264
7	DR ROLINE JOHNSTON	8243606		NEACIE CURRY	-8219079		CHARLES G MCGHEE	4 8217330
7	FRANK H KEMP	8244627		A P DAVIES	9 8233583		JESSE MCHELLON	9 3315314
7	M MILLER	0 8223849		E DECKER	-8226504		J C MCNIE	4 8224203
7	J I ROSSA	8244359		PERCY J OENESHA	9 8248056		E F MCVIGH	8 8245326
7	MARVIN E SCHWARZ	8243951		P OEPF	6 8248465		HAZEL L MEHOKE	6 8233511
7	L C SHELTON	8243951		EUGENE A DEVEAU	6 8248465		OTTO E MIELE SR	8 3316329
7	DAVID A STAFSETH	6 8237157		MARY DONNELLY	8 8210101		R W MILLER	4 8224560
7	7711 DONALD P BURROWS	8 3313542		JABUS DORSEY	4 3315410		WILLIAM A MILLER	4 8219443
7	7712 DONALD P BURROWS	8 3313542		GERTRUDE E DOSEY	4 8248947		JOE MILLS	4 8224281
7	MEVIN DECKER	8246907		MATTIE DOUGHERTY	4 8244245		B A MILTON	4 8215495
7	A S KIRKLAND	6 8249420		WALTER DOUGLAS	4 8215495		MRS NORA MIRTALLO	4 3317465
7	E BART KLEIN	0 8232574		WALTER D OYLE	7 3315835		M J MITCHELL	4 8232613
7	A M MCHUGH	8 8244162		M M QUOICK	4 8212437		ALFRED F MOELLER	4 8242310
7	S M MCLAREN	4 8244162		HARRY J OUQUETTE	4 8236513		FELIX MONOELLE	8249229
7	O H MCLANE	8244134		JOS A OJAKOWSKI	6 8217295		ALFRED J MONSON	5 8249229
7	7714 BEN T MARX	9 8244132		PAULINE M EASTER	4 8244960		JESSIE MONSOUR	8 8240211
7	DENNIS RENO	8 8246168		G EDWARDS	-8222289		M L MONTE	9 8227545
7	7716 PAT ABER	3 8248245		G R EDWARDS	4 3317167		E MOORE	6 3316032
7	L J OENEWETH	9 8245817		WILLIAM T EDWARDS	9 8213458		L MORRISON	4 8247714
7	ROBERT J FROST	8244120		CARL EGGERS	4 8232702		OLGA MORRISON	8248079
7	F J GIGANTE	8243672		O ELOER	4 8231695		E C MURPHY	6 8233305
7	E AIRE	8223952		LORABELLE ELLIOTT	4 8225319		B E MURPHY	4 8231910
7	ERIC R HUVENOICK	-8232007		R B FAIR	4 8232702		E NADEAU	4 3312245
7	E M KILLELEA	8 8240847		WILLIAM L FARMER	4 3314573		ESTHER NELSON	4 8220559
7	JON LOWELL	-8226433		ALEX FAUST	4 8244529		E O NICHOLSON	5 3314014
7	LOIS HAMILTON	6 8236532		JOHN FEAGIN	9 8229757		L HUNN	8249428
7	S L PETROSKY	9 8246532		C FEORUK	0 8211017		EDWARDINE OLM	5 8219619
7	JOSEPH S WEINMAN	6 8234424		E C FLICK	4 8217838		OPHELIA B ORR	-8248759
7	7717 ERMA B WHITE	6 8233735		JOSEPH A FLORKEY	4 3311884		MARTHA PALLAS	4 8225401
7	7718 JAY W BEAROSLEE	8247787		O W FLOSS	4 8210981		G PAQUETTE	8 8227441
7	PATRICIA BRETT	0 8243639		L FODOR	8 8235527		ALPHA MAE PARKER	8 3311294
7	N H BROOM	8244595		QALLAS M FORNEY	8 8235527		OTTO H PELL	4 8226894
7	JOANN CARLSON	8242075		M O FOX	83319032		JOHNNIE PERRY	8 8243536
7	CARL M COHEN	0 8247712		WALTER F FRANK	8 8235987		THEOPH PERRY	4 824792
7	MARJORIE FOYT	8244310		EUGENE F FREDON	9 8219224		MOLLE PERRY	8 8234568
7	JEAN A PEYRAT	8244628		REGINA FRIEND	8 8233461		FRED F PITACK	4 3312158
7	7720 GERALD T LAMERA	0 3312005		E E FROELICH	4 3314217		MATTIE PITTS	8 8212407
7	E B MCLOSKEY	8244220		ELLEN F GARONER	5 8242190		HERMAN P PLAUAN	4 8244275
7	HARVEY O PRATHER	8222670		MICHAEL GAYNOR	4 8242119		CLYDA POTTER	4 3315001
7	B A PURDY	8 8246112		DAVID M GEORGE	4 8227130		ALMA POWELL	83312217
7	*RIVER TERR APTS	8243709		JOHN L GIBNEY	4 8244030		ARMOUR M PRICE	6 8233588
7	EUGENIE M THOMPSON	8243845		GLINA GLEATON	0 8241360		B J B PRICE	6 8233588
7	7722 P H BLONCE	4 3316227		HAROLD L GLENN	4 3324461		GAISY MAE PRUITT	0 8210219
7	ROY L BRAOEN	8244353		WILLIAM GOALSBY	4 8229352		THELMA QUARLES	0 8229742
7	JOANNE GOUBLSKY	6 8223574		RUODOLPH J GOERGEN	4 8234969		IOA RAGLYN	-8229239
7	S FAYAW	-3313591		ALEX GOODWILLIE	4 8241119		CORINE E RANGE	4 8220576
7	ZORIE JOHNSON	2 8244295		G M GRAHAM	8331325		WILLIAM REED	4 8248868
7	HELENA MOOZELEWSKI	8242453		SARAH GRAHAM	9 8224752		GEORGE TED REESE	9 8246361
7	7724 LEONARD P REAUME	8244224		JAMES A GRANT	7 8244058		C T REESER	-8223079
7	QEBORAH REIFMAN	0 8241523		JOSEPH F GRAVES	9 3317662		N REMINGTON	4 3317693
7	7726 G OUNWORTH	8244543		DAISY J GRAY	8 8248629		ARTHUR RILEY	4 8229758
7	J J NEWMAN	8 8243684		NINA GRIFFIN	4 8228248		*RIVER TOWERS	8242244
7	7726 O M ABDOO	83318751		OTTO GROETSHEL	4 8249236		MAGGIE J ROBERSON	4 8213319
7	GEORGE M BOURGON	9 8213139		MARY A HACKETT	4 3314528		A C ROBERTS	4 8226146
7	MEGA JOHNSON	-8247664		NOVELLA HARRIS	4 8210072		MRS H F ROCHFERT	4 3317985
7	M A MORANOI	4 8220558		JOHN J HARRITY	4 3311941		LEONA ROUSSIN	5 8230895
7	QAWIO F PETERS	9 8244297		M H HARTLEY	4 8230232		HARRY RUSAN	6 3315625
7	S BRIGDET RUNCIE	9 8231639		S HATHAWAY	4 8221134		HENRY J RUSCHE	4 3310841
7	5 T SMITH	0 8247527		GARNET L HAYOEN	9 3317598		STELLA RUSH	-823335
7	P L STIFFLER	0 8247527		OAVIO HAYES	4 8243334		A SABLES	7 8228061
7	CARL H WALKER	8244474		LILLIAN HAYWARD	4 8243334		MILORE SAVORY	4 8231031
7	A E CHASE	8240887		WILLIE HEARD	4 3312849		WILLIAM A SCAGGS	4 8248229
7	E OAVIS	3 8244488		PAUL HEINRICH	4 8217424		BENJAMIN SCHERER	8 8229158
7	REX FOSTER	8244418		ROBERT HENNIX	4 8243013		E J SCHULTZ	4 8240808
7	BETTY GRAY	8 3318754		ROY F HENRY	9 8232224		F	

E JEFFERSON AVE 1982

7800	CHARLIE M SPURGEON	48214	3313875
	M S STANOFORO	4	8227785
	ESSIE L STEEN	4	8244792
	FAYE STEPHENSON	4	8232606
	WILLIAM O STEWART	9	8223294
	J SULLIVAN	9	8241875
	SARAH SWAN	4	3312105
	MARY SWATOWSKI	4	8236459
	EDNA TABORN	4	8222276
	JOHN C TATE SR	4	8232814
	ROBERT TATE	6	8234266
	H M TEAGAN	4	8240870
	C J TERHUNE	4	8247298
	J TERRIS	4	8248173
	LESLIE G THAYER	4	8240611
	E THEUT	4	8231315
	FRANK THOMAS	0	8230055
	A G THOMPSON	4	3317667
	DOORSEY THOMPSON	4	8220387
	EDDIE B THOMPSON	4	3311932
	HOLLAND M THOMPSON	7	8249572
	GIL TISOALE	8	8227192
	GEORGE W TITUS	4	8229429
	THOMAS E TONES	4	8225919
	M TOOHEY	7	8241251
	CHARLES N TROOER	4	8229526
	MARGARET M TROOER	8	8247592
	ROSE TURLEY	8	8225090
	H TURNER	4	8211728
	A C TWEODELL	4	8236852
	MARGARET A URBAN	4	8220317
	EMIL J VUNT	4	8215774
	GLAAYS WALLER	4	8248715
	WILMER J WARR	4	8217172
	MARIE M WASHINGTON	5	8220678
	HERSTON E WATERS	4	8249379
	LAMAR P WEBB	-	8247202
	HILDEGARD E WEISS	6	8237116
	BERT A T WELSH	4	8229313
	ALBERTA WEST	0	3311900
	HENRY C WHIOBY	0	8224129
	CHARLES WHITEHEAD	4	8235867
	FRANCES WILKERSON	0	3310035
	ALBERTA WILLIAMS	4	8249641
	ANDREW WILLIAMS	4	8234041
	GEORGE WILLIAMS	4	3311366
	HILLIS M WILLIAMS	0	8224566
	L A WILLIAMS	4	8235809
	REV L A WILLIAMS	0	8232504
	ROBERT L WILLIAMS	4	8227662
	WILBERT J WILLIAMS	57	3311189
	DAVID H WILLIAMSON	4	8210216
	M WILLMER	4	8249967
	F WOLFORD	4	3315401
	HELEN WOLKAN	4	8213246
	EDWARD WODOS	-	8220480
	H F WOOTEN	4	8232548
	JEOIE WRIGHT	7	8249417
	JOHN WUSS	9	3310383
	JUANITA YANCEY	-	8240114
	M A YOUNG	4	8229399
	E ZECH	4	8240896
7815	*OET MACOMB HOSPTL	8	8216000
	*OETR MACOMB HSPTL		8216000
	*OR PEORO S FRANCO		8216025
	*OR A HOORJI		8216000
	*OR JOHN H ROBERTS		8216000
	*OR E S SMYO		8216000
	*OR FLORANTE SUAN		8248520
	ROBERT K WHITELEY	8	8216000
7869	*MARTYS BAIT&TACKLE		3317373
7875	*NEUHOFF DRUG CO		8230150
	*SHEENA PARTY STR		3318055
7909	*THE LAQY	8	8242900
7919	*WHY-NOT FLOWERS		8220470
8000	*KAISER MOTORS FUNO		9265247
	*OCCUPATIONAL EMPLOY		8220050

E JEFFERSON AVE 1978

7736	NP	48214	7800	CATHERINE HEWITT	4	3317278	7800	MRS JOHN J SCHERER	4	8225261	80
7800	RIVER TOWERS	8242244	E L HOBBS	4	4991977		E J SCHULTZ	4	8240880		
	ANNE MAGUIRE MGR	8242244	HAZEL HODGSON	4	8212668		O G SCHUMACHER	4	8231925		
	G S ADAMS	8247661	E HUGLER	4	8212503		FRED C SCHUMAN	6	8232785		
	M C ADAMSON	4	F HOUK	6	3314134		E C SCHUTZ	4	3317674		
	CLARA H ALLEN	4	ROBBIE HOWARD	4	8225560		GEORGE W SCOTT	6	8229396		
	ERSKINE ALLEN	4	BERRY HUFF	4	8247372		E C SEARIS	4	8243388		
	BUO ALLGOOD	4	S L HUGHES	4	8247822		ANITA M SEARL RN	4	8233261		
	C ANDERSON	4	K F HUMM	5	3317272		C E SECORD	4	8210876		
	GERTRUDE ANGEL	4	HILDA HUMPHREYS	6	8235387		ALBERTA SEWELL	4	8233652		
	E M ARMSTRONG	4	JOHN ISHAK	6	8228344		CALVIN SEWELL	4	8233652		
	O A ARTER	4	M L JAMESON	4	8229562		BENJAMIN SILVERS	4	8229257		
	JAMES T ATKINSON	4	M MONROE JOHNSON	4	8249506		WARD R SIMONSON	4	8241849		
	JAMES O AUSTIN	4	MRS CARL E JOHNSON	4	8231841		V O SINA	4	8223585		
	BALAT	4	EUGENE E JOHNSON	6	8230556		ADA SKINNER	4	3312536	80	
	C BALKENHOL	4	DAN R JOHNSON	4	3316996		C SMITH	4	822595	80	
	REV H O BANKS	8218086	GEORGE A JONES	4	8215061		P SMITH	4	3314090		
	REV H O BANKS	8218086	MELVIN K JONES	4	3311501		RIOLEY SMITH	5	8243443		
	L E BANTO	4	MILORED F JONES	4	3314564		WALTER J SMITH	4	8214869		
	B J BARRINGTON	4	M N JOSEPH	4	8222743		STEPHEN SOPKO	4	3313015		
	JAMES BELL	4	E JOYNER	4	3311236		F G SPAETH	4	8227804		
	MENTIE BELL	4	ROY JUNKIN	6	3316247		JAMES A SPEARPOINT	4	8240532		
	V BENNETT	4	AGNES KARPINSKI	4	8215693		E J SPENCER	4	8233899		
	E C BENOIT	4	CHARLOTTE KAUTZ	4	8237330		C M SPURGEON	4	8240556		
	JOHN BERKE	4	FREDERICK KING	4	8247020		JOSEPH SPURGEON	4	3313875		
	FLOSSIE M BERRY	4	NETTIE KLEIN	4	8213246		M S STANDIFORD	4	8227785		
	RAYMOND L BERTRAND	4	BEULAH KNAGGS	4	8232165		ESSIE L STEEN	4	8244792		
	S BIERCE	4	WEBSTER B KNIGHT	4	8226090		FAYE STEPHENSON	4	8236606		
	J H BINGHAM	4	T B KNIGHTON	4	8246587		ROY M STEWART	4	8226240		
	CRYSTAL BLAIR	4	AUGUST E KULANDER	4	8224062		W A STEWART	6	8210282		
	STANLEY BOKOTA JR	6	J R KULKA	4	8221408		SARAH SWAN	4	3312105		
	REV W S BOWMAN	4	THOMAS LACY	4	8210834		MARY SWANOWSKI	4	8236459		
	REV WM S BOWMAN	4	L L LANTIER	4	8219266		EDNA T ADOR	4	8232814		
	GEDRGE BRANHAM	4	ERVIN LARKINS	6	8223417		JOHN C TATE SR	4	8232814		
	WINIFRED BRIGGS	4	M G LANE	4	8219607		ROBERT TATE	6	8234266		
	L M BRDARD	4	JOHN LEE	4	3310578		H M TEAGAN	4	8240870	81	
	BART BROSNAN	4	MIRIAM LEE	4	8215646		C J TERRELL	4	8212517		
	JEAN BRDWN	4	WILLIAM E LEE	5	3313521		JOHANNA TERRIS	4	8248173		
	RICHARD C BROWN	4	M LEONARD	4	3316964		LESLIE G THAYER	4	8240611		
	ROBERT E BRDWN	4	VIRGINIA LESTER	4	8244976		E THEUT	4	8233135		
	EMILIE BRYAN	4	E LEMANDOWSKI	4	8218177		MYRA S THIBAUT	4	8235285		
	JOHN BURKARD	4	LEWANDOWSKI	4	8242720		FAY THOMAS	4	8234518		
	W J BURKARD	4	E M LINK	4	3312572		A G THOMPSON	4	3317667		
	C A BURKE	4	L C LINSDEAU	4	8236287		DRSEY THOMPSON	4	8220387		
	MEL BURKHART	4	DRANGE LOCKLEAR	4	8221410		EDDIE B THOMPSON	4	3311932		
	ROBERT J BURNEY	5	ANNA LOCKLEAR	4	8219266		HOLAND M THOMPSON	4	8220672		
	MARIE A BURNS	4	JOHN V LUCAS	4	3310923		GEORGE W TITUS	4	8229429		
	MRS ELIZA BUTLER	4	ABBIE LUCKY	5	3316053		THOMAS E TONES	4	8225919		
	E N CABULE	4	PHILIP LUTZ	4	8223364		*M TOOMEY RN	4	8241251		
	FRED W CARL	4	M B MACCUMICK	4	8212331		RN M TOOMEY	4	8241251		
	L F CARMONEY	4	WM L MACDONALD	5	8211716		D L TOTTY	4	8248670		
	EDNA CARNES	5	LUCILLE M MACKEY	4	8248871		*TRACYS SALDINS INC	4	3318118		
	M CARR	4	LILLIE MAGEE	4	8231933		CHARLES N TRODDER	4	8229526		
	STANLEY CAYNE	4	EDWIN MAHER	4	8217982		EDWARD F TRUDT	4	8245911		
	F CHAMBERLAIN	4	FRANK MALONE	4	8233117		H TURNER	4	8211728		
	B CHAMBERS	4	C M MALONEY	4	8231968		IRENE TURNER	4	8248877		
	ALTHEA CHILDS	4	CHARLES F MARTIN	6	8214997		A C TWEDDELL	4	8236852		
	A CHMURA	4	RICHARD L MARTIN	4	8235944		GEORGE A UMFREYS	4	3311073		
	M C CLANCY	6	ANNIE M MATHIS	4	8242782		MARGARET A URBAN	4	8220417		
	CHARLENE CLARK	4	H MAY	4	8215712		EMIL J VUNT	4	8248715		
	MARVIN CLARK	4	HELEN MCAFFEE	4	8248081		GLADYS WALLER	4	8248715		
	M C CDGAN	4	M M MCCARTHY	4	8241606		WILMER J WARR	4	8217172		
	GLEN A COLE	4	OTIE M MCCARTHY	4	8215043		MIRIAM W WASHINGTON	4	8220678		
	ARTIE COLEMAN	6	ANN M MCCARTY	4	8224258		CHRISTINE WATERS	4	8249379		
	JAMES COLLINS	5	JOHN MCCHEARY	4	8227732		HERSTON E WATERS	4	8249379		
	F W CDNGER	6	JACK MCCLAIN	4	8210115		SARAH WEINBERG	6	3315808		
	D CORDERMAN	4	ANN MCCLUNG	4	8217985		HILDEGARD WEISS	4	8221512		
	WILLIAM COURTNEY	4	PHILIP J MCDONALD	4	8225840		BERT T WELSH	4	8223133		
	THOMAS A CRAIG	4	GLENN MCELDRATH	6	8231264		CHARLES WHITEHEAD	4	8235867		
	GILBERT C CUODRE	4	WILLIE M MCELDRATH	6	8231264		RUTH WILKINSON	4	8228779		
	JAMES CURRY	4	CHARLES G MCGHEE	4	3312133		ALBERT WILLIAMS	4	8249544		
	STELLA CZERWIK	4	E V MCLADDERY	4	3312133		ANDREW WILLIAMS	4	8234041		
	NATHANIEL DARGEN	4	8218897	4	8218897		E A WILLIAMS	4	8235016		
	M DEMOND	4	R MCGRAW	4	3317949		GEORGE WILLIAMS	4	3311366		
	EUGENE A DEVEAU	6	ISOLINE MCKINLEY	4	3312566		L A WILLIAMS	4	8235809		
	ALFRED OIPPERT	4	J C MCNIE	4	8242203		ROBERT W WILLIAMS	4	8235809		
	G DIXON	4	HAZEL L MEHDKE	6	8233511		WILBERT J WILLIAMS	4	8231189		
	O L DDDLEY	4	M MELVIN	4	8235201		OAVID H WILLIAMS	4	8210216		
	JABUS DRDSEY	4	R W MILLER	4	8224560		M WILLMER	4	8249967		
	OSCAR J DDEY	4	RUTH M MILLER	4	8208977		WALTER WINZENREAD	4	3315404		
	MATTIE DOUGHERTY	4	WILLIAM A MILLER	4	8219443		F WOLFORD	4	3315404		
	Gwendolyn Douglas	4	JOE MILLS	4	8224281		HELEN WOLKAN	4	8213246		
	WALTER G DOYLE	4	B A MILTON	4	3315495		LUELLA WOOD	6	8215063		
	G DRDUILLARD	4	AMY MIDDLETON	4	8216658		H WOOD	4	8215488		
	M M DUDECK	4	MRS NORA MIRTALLO	4	3317465		JEDIE WRIGHT	4	8249417		
	HARRY J DUQUETTE	4	J M MITCHELL	4	8232613		B YEAGER	4	8245104		
	JOS A DWJAKOWSKI	4	ALFRED F MDCELLER	4	8242310		M A YDUNG	4	8229399		
	PAULINE M EASTER	4	ALFRED J MONGEDN	5	8227877		M A YDUNG	6	8229399		
	Gwendolyn Edwardos	4	E MDDRE	6	3316032		R ZARD	4	959924		
	JAMES A EDWARDS	4	E L MDRE	6	3313596		E ZECH	4	8240966		
	CARL EGGERS	4	A L MORRISON	4	8247714		AURELIA MATTHEWS	4	3316763		
	G EGRINI	4	HANNAH B MUEHL	4	8239988		DR E C ANDERSON	4	VA16000		
	D ELDER	4	M MULDERIG	4	8213155		DR J M HARTZELL	4	VA16000		
	LDRAELLE ELLIDTT	4	E C MURPHEY	4	8223305		*JENNINGS MEMRL HSP	4	VA16000		
	F N ERICKSDN	4	B E MURPHY	4	8231910		*DR AAGE NIELSEN	4	8232800		
	R B FAIR	5	JAMIE MURPHY	4	8215000		DR W R RORPACHEN	4	VA16000		
	SAMUEL FANDRICH	4	R E NADEAU	4	3312245		*DR JOHN H RBERTS	4	VA16000		
	WILLIAM L FARMER	4	ESTHER NELSON	4	8220559		*DR JOHANN SCHMIDT	4	VA16000		
	ELLEN F FARDNER	4	C G OKEEFE	6	3311643		*DR E S SMYD	4	VA16000		
	JOHN FEAGIN	4	EDWARDINE DLM	5	3310836		R D SDBERBERG	4	VA16000		
	C H FEDURUK	4	WILLIAM DWENS	4	8241496		ROBERT K WHITELEY	4	VA16000		
	BLANCHIE FLEMING	4	MARTHA PALLAS	4	8225401		*DR DDNALD C WINANS	4	VA16000		
	E E FLICK	4	ALPHA MAE PARKER	6	3311294		7869 HUNTS BAIT TACKLE	4	3317373		
	JDSEPH A FLORKEY	4	LAWSON PANTNER	4	3314947		7875 NEUHOFF DRUG CO	4	VA30150		
	D W FLOSS	4	DTT H PELL	4	8226894		*SHEENA PARTY STR	4	3318055		
	L FODDR	6	THEDPHA PERRY	4	8224792		7900 NP	4	8226652		
	L E FRANKLIN	4	PERCIVAL H PETERS	5	3318753		7919 WHY-NOT FLOWERS	4	8220470		
	CARL T FRAWLEY	4	GELSOMINO PICONI	4	8221351		8000 DFFCCPFR EMP UMN	4	8220059		
	EUGENE FREEMON	4	B DEAN PIERCEALL	4	8217435		*UNITED AUTO WRKRS	4	9265411		
	E E FRDEHLICH	4	FRED F PITTAOK	4	3312158		*UNITED AUTO WRKRS	4	9265000		
	ELLEN F GARDNER	4	MATIE PITTS	4	8212407		*UNITED ATO WRK UAW	4	9265431		
	ROBERT L GARNER	4	HERMAN F PLAUAMAN	4	8244275		*UNITED AUTO WRKRS	4	9265277		
	MICHAEL GAYNDR	4	CLYDA POTTET	4	3315001		*UNITED AUTO WRKRS	4	9265551		
	WESTELL GENTRY	4	ARM								

E JEFFERSON AVE 1972

6931*MGM TURF	2592223	7717 IRENE BEATTY	5679749
6945 BAR HELEN	2597222	7718 RIVER TERRACE APTS	5671302
7033*ELIAS BROS RESTRNT	2591360	*DONALD SHONK	5671302
7125 NP		MARJORIE FGVT	3 LC76415
	48214	N H 8ROOM	9 5682092
7201*WHITE TOWER RESTRN	LD89507	A C CHASE	9 5685604
7225*BRONSANS OUGOUT BR	5681197	JAY W BEAROSLEE	9 5677775
7255*BELLE ISLE STANDRD	5674428	GENE M KYLE	9 5674724
7311*ACAPULCO RESTAURNT	5671115	JEAN A PEYRAT	1 5677914
7319 DR H E SCHAFERL	5673309	GEORGE H HOWARN	5671672
OR S KIRSCHENBAUM	5673300	7720 RIVER TERRACE APTS	5671302
7339*BRADYS KEYS KNTKY	5675858	*DONALD SHONK	5671302
*ALL PRG-EQUITIES	-5672400	MABEL CCWE	8 LC70937
7349 DR LYNETH	5675528	J PAULUS	LC75594
*OR RICHARD LUTZ	5675528	ESTHER MCCLDSKEY	LC70937
7401*JEFFERSNESHER SERV	5689125	PAUL E DUFFY	1 5683687
7419*GRAND PATENT MEDCN	5680710	L J UHL	5 5671086
*GRAND SECURITY GRD	5684180	MIKE BROGAN	1 5681664
7425*MICH BEVERGE NEWS	LO81900	EUGENIE M THOMPSON	4 5682049
7433*JEFFERSON APTS		MRS E T PATERSON	8 5677179
*HARRY J OLIVER MGR		JAMES BISING	1 5672708
FRANK M KUBOTA	LD83078	PAUL B HYNES	1 5683687
J ONEILL	9 5671216	E E MCCCY	5674881
EVARISTO ROORIGUEZ	1 5672142	7721 STANLEY TOBIN	5683136
7435*JEFFERSON APTS		7722 RIVER TERRACE APTS	5671302
*HARRY J OLIVER MGR		*DONALD SHONK	5671302
7437*PEKIN PAVILION RES	LO89466	LEONARD P REAUME	LC71523
*PEKIN PAVILN RSTR	LO82768	CHARLES G OAKMAN	LC73336
7441 NP		C FINE	LC77182
7600*NAVAL RESERVE RECT	5677155	HAROLD M FORSYTH	7 5672366
*US NAVY DEPT	5678540	M G W THACKE	7 5676975
7601*ISLE BELLE AWNG CO	5672293	CHARLOTTE HAYOEN	4 5674133
*BELLE ISLE AWNING	5672293	ALMA B PATTCN	5676036
7607*DR N E GOTTSCHAL	5675006	ROY L ERADEN	5683246
7613 RDSE HAMMERSCHMIDT	5672144	THOS C STRLING	-5672058
7615*NEW CHERRY BAR	5673582	7724 RIVER TERRACE APTS	5671302
7625*M R BECHARO MILNRY	LO72524	*DONALD SHONK	5671302
7627*J T LYNCH SEC GRD	5677010	G OUNWORTH	0 5675247
7633*ANCHOR BAR	LO78460	G OWEN EUTLER	0 5675247
7635*HOSPITAL BLOOD SER	5675535	7725*DR R C LEACOCK	5672700
7639 NP		7726 RIVER TERRACE APTS	5671302
7645*ZUKINS RID SHACK	5677893	*DONALD SHONK	5671302
7700 RIVER TERRACE APTS	5671302	BEN JOHNSON	LC84254
*DONALD SHONK	5671302	JOHN E PITTMAN	LC82676
J L MCCARREN	0 LO72916	FRANCES L BARNES	5 5683139
I W WEBBER	5 LO70112	CLIFFORD PREVCST	5683073
MRS S S STRINGHAM	LO72077	MAURINE L WALORIPS	5675030
RALPH G BOWEN	LO72916	TONY G HODRIX	0 569073
M L JONES	5672036	F I BEEBE	1 5681609
M SAGE	56880706	7728 RIVER TERRACE APTS	5671302
L LOUISE BORDEN	-567054	*DONALD SHONK	5671302
J KUBAN	5684022	BERNARD J GREWE	LC8218
7701 ROGER B PRICE	0 5674359	M L STAPEFFENNE	8 LC78830
7702 RIVER TERRACE APTS	5671302	STEWART R BOYER	LO81226
*DONALD SHONK	5671302	ROBERT O ADAMS	LC76716
MRS E H WENTWORTH	LO79038	JAMES B RUSSELL	5 5682178
MRS EARL F MOSSNER	LD89922	REX FOSTER	5 5674732
DON R HALL	4 5671648	WILLIAM L MLTTCN	5675487
R BANKS CLARKE	6 5675006	CHARLES J BURKE	6 5677615
CHARLES HEINBERG	0 5672123	THOS C STRLING SR	5672058
OAVIO C ETOWSKI	5671723	J E WISNIEWSKI	3 5675904
GARY BIEDERMAN	7 5675966	L HUBEL	0 5676281
7704 RIVER TERRACE APTS	5671302	JOHN ROBERT MARTIN	5673551
*DONALD SHONK	5671302	7730 RIVER TERRACE APTS	5671302
MRS AUG DEGENER	LO71408	*DONALD SHONK	5671302
M L BYRNE	6 LO72617	EDWARD J GARVEY	LC77580
E SZAPPANYOS	3 5671275	C A COBB	BLC79183
GEORGE P ANDERSON	0 5679072	GERTRUDE HEALY	1 5682403
C BARTON	0 5671206	MRS H B SHAFLEY	5674405
CARL H WALKER	5677528	LARRY J BRACY	0 5676762
C L SCHOLLER SR	0 5675779	7732 RIVER TERRACE APTS	5671302
JACK E SHARPE	1 5671474	*DONALD SHONK	5671302
OR SHEILA SHEEHAN	5683162	MRS HELEN FERGUSON	9 LC73133
MAURICE J LEBRECK	5681064	MAE HESS	4 5680609
7705 JOHN E BOKINSCO	5670910	JAMES C PIFER	5683898
*WORLD W YCHTSHP	5670910	FRED E WALTON	3 5674226
7706 RIVER TERRACE APTS	5671302	BARBARA HAFELI	5672725
*DONALD SHONK	5671302	L G LENHARDT	5 5672024
MRS V GORMELY	7 LO77479	FRANK S MACK	5675562
R A HOLLAND	LO78474	R E METZGER	3 5677386
W A BOYCE	LO79037	O J TROBLEY	9 5670709
THOMAS GUTHRIE	9 5677746	7800 RIVER TOWER APTS	5671111
ALAN RAUCHER	0 5680823	*RIVER TOWERS INC	5680757
ARTHUR N GAUVIN JR	0 5677307	7815 DR R B SCORBERG	WTR56200
ROBERT E OERBY	1 5675649	*DR JAS J LIGHTBODY	VA16000
G GUERTIN	5676059	*DR J G GRAHAM JR	VA16000
7708 RIVER TERRACE APTS	5671302	*DR R W REPPEN-AGEN	VA16000
*DONALD SHONK	5671302	*DR R E REINHARD	5 VA16000
MRS GEORGE SYLER	6 5677097	*JENNINGS HEHL HSP	VA16000
WILLIAM BELLUOMO	0 5674399	*DR HENRY A CUNLAP	VA16000
M SCULLY	5681530	*DR GEORGE L WALKER	VA16000
B BAKER	5681530	*DR DONALD C WINAKS	VA16000
JAMES DISSER	5675082	*DR JOHANN SCHMIDT	VA16000
M B ALFORD	5680317	*DR C F SCHROEDER	VA16000
7710 RIVER TERRACE APTS	5671302	*DR K F SCHROEDER	VA16000
*DONALD SHONK	5671302	*DR A L STEINBACH	VA16000
J VANGILOER	LD79839	*DR R S BODDERBERG	5671600
MARGORIE J DARRACH	LD73441	DR E S SMYC	VA16000
FRANK H KEMR	LD82014	*DR E C ANDERSON	VA16000
C C SHELTON	6 LD73859	*DR JOHN M HARTZELL	VA16000
I J ROSSA	LO84365	7854 ISLAND W ADCLSCTN	LC71100
WALTER J ANGER	9 5672789	7875 NEUHOFF DRUG CO	VA30150
HERBERT W GREENIA	9 5675631	7900 NP	
RDD ROSE	1 5683577	7903 THE MAY SHOP	VA31215
S MILLER HAGEMAN	0 5675656	7909 SURFSIDE CKTL LNGE	8222628
MARVIN E SCHWARZ	9 5670525	7919 ANN LOU ALGER	5 VA31400
S ASHENFELTER	0 5673519	PAUL A DEPATIS	VA31400
E E LLOYD	9 5689952	*TAEPKES FLOWERS	VA31400
7712 RIVER TERRACE APTS	5671302	JULIA JERSKE	1 VA31400
*DONALD SHONK	5671302	8000 UNITE AUTO WCKRS	-9265321
STEWART E MCLAREN	LD76673	*UNITE AUTO WCKRS	-9265485
AILEEN M CHUGH	LD76333	*UNITE AUTO WCKRS	-9265265
IRENE M MCHUGH	LD76333	*UNITE AUTO WCKRS	9265400
AUDREY PDRETT	4 5681140	*UNITE AUTO WCKRS	-9265571
SEVERT REQUE	8 5674358	*UNITE AUTO WCKRS	-9265237
O H MEEAN	8 5673088	*UNITE AUTO WCKRS	9265000
O H MCLEAN	7 5674563	*UNITE AUTO WCKRS	9265431
ODROTHY HADLEY	7 5681692	*UNITE AUTO WCKRS	9265277
S C HADLEY	0 5681692	*UNITE AUTO WCKRS	9265551
M H SCHICK	0 5671302	*UNITE AUTO WCKRS	9265287
M R SEGER	8 5683087	*UNITE AUTO WCKRS	9265331
JOHN O BLDCK	1 5676596	*UNITE AUTO WCKRS	926574
7714 RIVER TERRACE APTS	5671302	*UNITE AUTO WCKRS	9265548
*DONALD SHONK	5671302	*UNITE AUTO WCKRS	9265361
S VANDYKE	0 5673128	*UNITE AUTO WCKRS	9265391
BEN T MARX	5670258	*UNITE AUTO WCKRS	9265461
O BIGGS	0 5673128	*UNITE AUTO WCKRS	9265311
7716 RIVER TERRACE APTS	5671302	*UNITE AUTO WCKRS	9265501
*DONALD SHONK	5671302	*UN AUTO WCKRS HSE	9265421
LEE A FORDN	LD82713	*UNITE AUTO WCKRS	9265216
F J GIGANTE	1 5672521	*UNITE AUTO WCKRS	9265418
ARMIN M WOLFF	4 5672215	*JORDAN ROSSEN ATTY	9265216
WAYNE F PAYNE	1 5681619	*SEMCAIP	5675000
M W BUTDN	6 5678185	*UNITE AUTO WCKRS	9265335
S U RACHUBKA	3 5682360	*UNITE AUTO WCKRS	9265345
ROBERT J FROST	5670790	*UNITE AUTO WCKRS	-9265291
JOHN M BURKE	5676399	*UNITE AUTO WCKRS	-9265221
KATHLEEN PHILLIPS	5683612	*UNITE AUTO WCKRS	9265491
LEE I BODULPH	1 5679444	*UNITE AUTO WCKRS	-9265261
WALTER L PIERRE JR	5672578	*UNITE AUTO WCKRS	-9265231
PETER GIFFELS	0 5684265	8001 BANK CF COMMONLTH	8237000

E JEFFERSON AVE 1962

7045 DR ROBT L HATCHER	LO73597	MARJORIE DARRACH	LO73441
7051*FRED SANDERS STORE	5684077	LOIS C SHELTON L	LO73899
*****ZONE 14*****	SD..E10	S MILLER HAGEMAN	LO75656
7200	7200- 7699 TZ 397	BEATRICE CAVANAGH	LO75245
7201*WHITE TOWER RESTRN	NP	M K BAUSLAUGH	LO73779
7225*BROS NANS DG OUT BR-	LO89507	JOHN H WELCH	LO80339
7245*DAY DRUG CO	LO89647	J VANGILDER	LO79839
7257	NP	LAWR WAGNER	LO81880
7267*SGM CONEY ISL REST-	5689288	JOHN W WEBSTER	LO81880
7311 INDIAN LODGE	LO78935	FRANK H KEMP	LO82624
7319*ALBERT BLUME	LO72490	IRENE ROSSA	LO84365
7325*ROADWAY TIRE CO	LO72444	HELEN M SZYKULA	-5681450
*K J GRANT	LO72444	CHARLES B ALDRICH	-5684323
7339*METRO LIFE INS CO	LO75965	DR JOHANN SCHMIDT	LO70882
7355*FARMER RESTRNT INC	LO82454	7712 ROBT D DIETERLE	LO70535
7401*EDDIE MEYER SERV	LO81623	JOSEPH FINE	-LO73705
7419*A G DERATANY	LO74200	AILEEN M MCHUGH	-LO76333
*JUMBO JACKS RSTRNT	LO74200	IRENE M MCHUGH	-LO76333
*ALFRD ELC GRL CLNR-	5676969	STEWART E MCLAREN	LO76673
7425*WILLIAM J CUSICK	LO81900	ARTHUR W DIAL	-5671142
*MICH BEVERGE NEWS	LO81900	*L C BAL FOUR CO	-5671142
7433 JOHN A RECKNAGEL	LO77491	ROBERT B MILL	LO82786
JOHN W MOISE	LO84486	ROY L BRADEN	LO83246
FRANK M KUBOTA	LO83078	ARTHUR H ONEIL	-5682205
MICHAEL F STARLING	-5678749	JANE SHOEMAKER	LO77328
ARTUR W BIRSE	-5683905	BEN T MARX	LO70258
7435*KNAPP STUDIO	-LO76900	ROBERT D RANDALL	LO71129
7437*PEKIN PAVILION RES	LO89466	7716 JOHN M BURKE MGR	LO76539
*PEKIN PAVILN RSTNT	LO82768	JOHN M BURKE	LO76539
7445*E LINDEN FLWR	LO79400	ROBERT B CONDON	LO77698
*ETHEL LINDON	LO79400	ALFRED ROSENBERG	5670790
7600*US GOV MARINE CRPS	LO70302	ROBERT J FROST	5670790
*US RES TRAIN UNIT	LO73827	W LEE ALEXANDER	LO80772
*US GOV SUB CERO	LO74444	HANS P STIEGLER	-LO82691
*MICH NAVAL FORCE	LO74711	7717 IRENE BEATTY	-LO79749
*USS AMHERST	LO78120	7718*VERA C BROWN MGR	LO82613
*US GOV SUB CERO	LO78540	SARAH A MCGINNESS	LO70669
*USN RES TRAIN CNTR-	LO78540	MARJORIE FOYT	-LO76415
*US NAVY INTELLGNCE	5673334	GEORGE H HOWARN	-5671672
*USN RES RECRUITING	5677155	J GROVER SHEA	-5672329
7601*ISLE BELLE AWN CO	LO72293	SAMUEL D COBURN	LO81923
*BELLE ISLE AWNING	LO72293	DOROTHY LEIPPRANDT	LO82065
7607*DR N D GOTSCHALL	LO74749	JAMES B RUSSELL	LO82178
7615*VILLA LOUNGE	LO89403	VERA C BROWN	5682813
7625*MABLE R BECHARD	LO72524	7720*WMS C DAVIS	LO80227
7627 JAMES A STREET	LO76256	*APT 19-	
*MICH BUDGET ASSCTS-	LO83848	ESTHER MCCLOSKEY	LO70937
*ACTION AGCY INC	LO77900	FLORENCE CHRISTMAN	LO74589
*ISLAND AGCY INC	-LO77900	J PAULUS	LO75594
7629*PUBLIC ADDRESS SYS	LO74700	DR D CAMPBELL	LO76245
*N D REISS	LO74700	MRS E L CLIFFORD	LO76617
*REISS PBLC ADDRSS	LO74700	WINIFRED M KROTO	LO76557
7633*ANCHOR BAR	LO78460	ROBERT M SMITH	LO77177
7635*HOSPITAL BLOOD SER	5675535	SAMUEL PHIL	LO78393
7639*GGG GROCERY CO	LO73410	WILLIAM C DAVIS	LO80227
*PRES TO LOGS	LO73413	JOSEPHINE W GRAY	LO82138
7645*TODDLE HOUSE	LO89331	ALICE A HODGSON	-5675042
7700*HARRY LINK MGR	LO74056	7721 STANLEY TOBIN	-5683136
IRMA W WEBBER	LO70112	7722*CELIA FINE MGR	LO77182
MRS J S STRINGHAM	LO72777	*APT 28	
RALPH G BOWEN	LO72916	LEONARD P REAUME	LO71523
FLORENCE CRAMPTON	LO73765	GEO D BRIGHAM	LO71775
M J FOLK	LO76883	ELIZABETH PUTNAM	LO72532
URSULA M FALCK	LO80524	CHARLES G OAKMAN	LO73336
HARRY LINK	LO74056	ALMA B PATTON	LO76036
MARGERY H LINK	5674139	CELIA FINE	LO77182
MARY E HEBERT	LO81305	THRZA M ARBURY	LO81656
JOHN K PETERS	LO81516	DR GRANT J WITHEY	LO82526
JERRY OSS	LO81567	DR WM A FELNER	LO82526
7702*MRS R B CLARK MGR	LO75048	JAMES C PIFER	LO83898
*APT 18		L R HARRINGTON	LO84097
MRS J BEAUDREAU	LO81882	A A STEINBAUER	LO71751
DOROTHEA CROSSMAN	LO70939	LAURA E HILLER	LO80308
MRS R B CLARKE	LO75048	7725 LORENZ J LIVIGNI	LO70385
PHYLLIS PHILLIPS	LO75221	7726*ROBERT HUTTON MGR	LO75240
MRS E H WENTWORTH	LO79038	*APT 14	
EARL F MOSSNER	LO89922	M W HONERLAW	LO71493
RICHARD E STRAW	LO80898	BEATRICE A KYES	LO74281
DR ERVIN WOLF	-5678922	ROBT P HUTTON	LO75240
7704*DUMORE	LO72496	HELEN L PEPPET	LO75255
*DORA TAYLOR MGR		MRS F G KUMKE	LO77687
*APT 26		DR J E PITTMAN	LO82676
IVAH GRZYBOWSKI	LO71287	BEN JOHNSON	LO84294
MRS A DEGENER	LO71408	DELLA ISOM	-5680885
DORA TAYLOR	LO72496	JOAN GOERGEN	-5680085
MARY L BYRNE	LO72617	M W WELCH	-5683974
ROY C MARSHALL	LO73729	7728*E W WALTON MGR	LO73583
BERTHA C PFEIFFER	LO74591	GALE HITCHCOCK	LO71075
AMOS J MILLER	LO79674	THOS C STIRLING SR	LO72086
MARIAN ATWELL	LO80641	WM L MUTTON	LO75487
M M STOLL	LO83498	ROBERT D ADAMS	LO76716
CARL H WALKER	-5677528	J M FRIEDLANDER	LO77694
DR IRENE SHEEHAN	-5683162	MARIE STAPERFENNE	LO78830
DR SHEILA SHEEHAN	-5683162	E W WALTON	LO78933
7705 JOHN E BODKIN	LO73131	FRANKLIN SEXTON JR-	5671039
7706*ROBERT J FROST MGR	LO70790	M FISCHER-WILLIAMS-	5671714
*APT 19		ADELAIDE PLATTE	LO80986
D HANSLOW	LO76118	STEWART R BOYER	LO81226
DON T SMITH	LO76788	BERNARD A GREWE	LO82218
HARRY LAWY SMITH	LO77091	7730 HAROLD OTIS	LO73610
MRS V GORMELY	LO77479	DR N T MASTERNACKI	LO75565
R A HOLLAND	LO78674	EDW J GARVEY	LO77580
W A BOYCE	LO79037	KENNETH CRITTENDEN	LO78029
L G OLSON JR	LO80061	MRS W W BURRELL	LO81866
EDWIN M PRATT	LO82631	7732*F R SOLMES MGR	LO77085
7708*RUSSELL PACKER MGR	LO71649	*APT 16	
*APT 22		JOSEPH E MCNAMARA	LO71035
F G WALLIS	LO70674	ARMEN M WOLFF	LO72215
RUSSELL L PACKARD	LO71649	MRS HELEN FERGUSON	LO73133
E Y BOYCE	LO71906	FRANK S MACK	LO75562
DAYTON F BURDENO	LO73631	*DR J P OLDANI	LO78090
MARGARET WOODCOCK	-5672391	F J RESEL	LO80648
CARMEN E CAMPBELL	LO80187	CLIFFORD PREVOST	LO83073
REV G DAHL	LO80199	EGER PALMER	LO83789
M A CAMERON	LO80317	GUSTAV KLEINER	LO84125
KATHLEEN M CLARK	LO80719	*DR G RAMSTRUM	-LO84932
DONALD W POLLARD	LO81132	GEORGE J BERTELS	LO84438
ARTHUR N GAUVIN	LO82137	7737	NP
HALSEY S CAREY	LO82137	7750 BETTY MATOFF	LO82025
LEE A FORDON	LO82713	MATOFF BETTY	LO82025
PAULA SWEENEY	-LO83154	*RIVERSIDE FLORISTS	LO82025
7710*IRENE ROSSA MGR	LO84365	7770 SHIRLEY J BOERS	LO74273
*APT 24		7815*DR HENRY T HUNSON	VA16000
I L TOMASEL	-LO71680	*JENNINGS MEM HOSP	VA16000
		DR NORMAN D NIGRO	VA16000
		*DR R B SODERBERG	VA16000
		*DR R A JOHNSON	VA16000

E JEFFERSON AVE 1962

*DR J G GRAHAM JR	VA16000
*DR JOHN HARTZELL	VA16000
*DR E S SMYD	VA16000
*DR D C WINANS	VA16000
*DR HENRY A DUNLAP	VA16000
*DR DOUGLAS DONALD	VA16000
DR E K CARMICHAEL	VA16000
*DR GEORGE L WALKER	VA16000
*DR S W WALLACE	VA16000
*DR R W REPPENHAGEN	VA16000
*DR C F SCHROEDER	VA16000
*DR R E WUNSCH	VA16000
7850 DR ARTHUR HOLSTEIN	L077100
*ST CLAIR HOSP	L077100
7865	NP
7869*INDN VILG CLNR INC	VA27217
7875*NEUHOFF DRUG CO	VA30150
7891*DE RANIERI STUDIOS-	8214787
7895*BULLOCK MARINE CO	VA19522
7900*CHRYSLER BOAT HSE	5681379
7903*THE MAY SHOP	VA31215
7909	NP
7919 PAUL A DEPATIS	VA31400
*TAEPKES FLOWERS	VA31400
*FLORIST SCHOOL	VA31401
*SOULES FLORIST S	VA31401
7930*HEALTH INSTITUTE	L084000
8000*METRO RESRCH BUR	L082252
*UNITED AUTO WKRS	L084000
*UN AUTO WRKRS UAW	L084000
*UNITED AUTO WRKR 1-	L084000
8005*DUNCANS SERV	VA28820
8045*DR EDWIN J NEILL	VA30662
*DR A A ULMER	VA31000
*DR A R HUMMEL	VA31000
*DR E M OETTING	VA31100
*DR A J W YATES	VA31244
*INDIAN VLGE PHARM	VA23533
DR D J BADALAMENTI	VA26848
CARL GROBSOREAN	VA27275
8100*ALDEN PK MANOR APT	L077500
*WILLIAMS BOBB MGR	

E JEFFERSON AVE 1957

	KATHLEEN M CLARK	LOB-0719
	DONALD W POLLARD	LOB-1132
	MABEL C TRUE	LOB-3772
	CARL H WALKER	LOB-4891
	ARTHUR N GAUVIN	LOB-4837
	LEE A FORDON	LOB-2713
7710	HALBERT S CALEY	LOB-6137
	JOHN H MELCH	LOB-8039
	MARJORIE DABBACH	LOB-8441
	PAUL JOHNSON	LOB-8441
	OR C G KILLINS	LOB-1159
	FORDA W ARBURY	LOB-2525
	ALICE FARR	LOB-1777
	DR YANDEN BERG JR	LOB-1020
	BEATRICE CAVANAGH	LOB-2245
	LANK WAGNER	LOB-1890
	FRANK H KEMP	LOB-2624
	J VANGILOER	LOB-9839
7711	M K BAUSLAUGH	LOB-7379
7712	MAFALOA MAYNARD	LOB-3815
	W F GOLOEN	LOB-6863
	ROBT O CIETERLE	LOB-4204
	JOHN A BENSON	LOB-4204
	FRANC G CHRISTMAN	LOB-4289
	ROY L BRADEN	LOB-2786
	ROBERT B MILL	LOB-2786
	ANGUS D MACARTHUR	LOB-0227
7714	STANLEY L REEO	LOB-6673
	BEN T MARX	LOB-0256
7716	DAVID P CONNERY	LOB-4782
	JOHN M BURKE	LOB-7177
	W L OINNIN	LOB-7024
	DONALD SLUTZ	LOB-7699
	PAUL ZISSIS	LOB-7379
	LORENE W MCGINTY	LOB-0693
	LORENE W BABCDCK	LOB-0693
	ROBERT D RIVAL	LOB-1179
	ORVILLE E GIBBS	LOB-0053
	W LEE ALEXANDER	LOB-0772
	HAROLD H ARMSTRONG	LOB-4250
	MAURINE L WALORIP	LOB-2518
7717	JAS C MURPHY	LOB-2927
	JEANETTE HEUREUX	LOB-0662
	VIVIAN MITCHEL	LOB-3398
7718	JEANETTE A SMITH	LOB-3398
	MRS EDWARD W PFALZ	LOB-4080
	SERTHUE E FOYT	LOB-4415
	SARAH A MCGINNESS	LOB-0669
	A HANDELSMAN	LOB-3122
	DR PAUL S CROSSBY	LOB-2190
	ALICE GUYETTE	LOB-2813
	VERA C BROWN	LOB-2813
	MARY R COPLAND	LOB-4176
7720	ESTHER HANDELSMAN	LOB-1122
	RICHARD S BEAUDET	LOB-4084
	MRS E L CLIFFORD	LOB-6617
	ROBERT W SMITH	LOB-7177
	J PAULUS	LOB-5594
	ESTHER MCCLOSKEY	LOB-0957
	MARLO A PATTERSON	LOB-2642
	FRED P SISSON	LOB-3830
	B W MAXWELL	LOB-3830
7721	ALLAN C GRUSCHOW	LOB-7617
7722	ALEXANDRIA M OAVIS	LOB-4097
	L R HARRINGTON	LOB-4097
	ALMA B PATTON	LOB-6036
	HARRY G SMITH	LOB-7961
	R D HARTNELL	LOB-3730
	CHARLES H MOONEY	LOB-1523
	LEONARD P REAUME	LOB-1775
	GEO O BRIGHAM	LOB-2532
	ORA BOVIL PUTNAM	LOB-2532
	ELIZABETH PUTNAM	LOB-2532
	WILLIAM J MASSEY	LOB-5216
	HAROLD G LOOSE	LOB-5216
	SIO L ERWIN	LOB-3688
7724	A A STEINBAUER	LOB-4751
	LAURA E HILLER	LOB-0308
7725	LORENZ L LIVIGNI	LOB-4294
7726	BEN JOHNSON	LOB-4294
	MRS F G KUNKE	LOB-7687
	C V BURNETT	LOB-0578
	RAYMOND F TERNES	LOB-0578
	BEATRICE A KYES	LOB-4281
	ROBT HUTTON	LOB-4240
	HELEN L PEPPET	LOB-2555
	ARTHUR CLEMENTS	LOB-2550
	RONALD PITTMAN	LOB-2676
	RONALD HUIZENGA	LOB-3379
7728	H L PETERSEN	LOB-3379
	ROBERT O ADAMS	LOB-6716
	E W WALTON	LOB-8830
	M L STAPERFENNE	LOB-8830
	WM L MUTTON	LOB-9487
	WILLIAM L HARVEY	LOB-2025
	THOS C STIRLING SR	LOB-3008
	A F CHURCHMAN	LOB-9493
	FRED O LORIMER	LOB-0986
	ADELAIDE PLATTE	LOB-0986
	JOHN J PLATTE	LOB-0986
	ELIZABETH K FRASER	LOB-4557
	RICHARD E BROWN	LOB-2218
7730	BERNARD A GREWE	LOB-2218
	EDW J GARVEY	LOB-7580
	DR H J PASTERNAKI	LOB-5392
	CHARLES P SLATER	LOB-0893
	MORTON E MUNK	LOB-0893
7732	WALTER W BURRELL	LOB-7055
	DR F R SOLMES	LOB-7224
	H J MCAULEY	LOB-7224
	JOHN F OLDANI MO	LOB-6090
	FRANK S MACK	LOB-5432
	K J MURLEY	LOB-5432
	ARMIN M WOLFF	LOB-5432
	MRS HELEN FERGUSON	LOB-5432
	JOHN PRICE	LOB-6042
	R H NORMAN	LOB-0488
	PIERCE WRIGHT	LOB-0488
	F J HESEL	LOB-0648
	J E MCNAMARA	LOB-2025
7750	*RIVERSIDE FLORISTS	VA1-6000
7815	*DR G CHITTENDEN	VA1-6000
	*DR JOHN HARTZELL	VA1-6000
	*DR S W WALLACE	VA1-6000
	*DR R REPPENHAGEN	VA1-6000
	*DR THOMAS SAGE	VA1-6000
	*DR J S GRAHAM JR	VA1-6000
	*DR HENRY T HUNSON	VA1-6000
	*DR DOUGLAS DONALD	VA1-6000
	*DR S SHAY	VA1-6000
	*DR R E WUNSCH	VA1-6000
	*DR O C WINANS	VA1-6000
	*DR F SCHROEER	VA1-6000
	*DR C F BRUNK	VA1-6000
	*JENNINGS MEM HOSP	VA1-6000
	*DR A JOHNSON	VA1-6000
	*DR RAYMOND BAER	VA1-6000
7833	LILLIAN H STROMSKY	LOB-5717
7850	ST CLAIR HOSP	LOB-7100
	*DR J F WARNER	LOB-7100
7865	TODDLE HOUSE	VA3-9840
7869	*IND VLG CLNR INC	VA3-0150
7873	*NEUHOF DRUF CO	VA3-0150
7895	*BROWN WHOLE PARTS	VA3-0600
	*AUTO WHOLESL PARTS	VA3-0600
7900	*CHRYSLER CORPORATN	LOB-1379
7903	*MAY SHOP	VA3-1215
7909	*FODY SHEPHERDS CTR	VA3-1137
	*FODY SHEPHEROS BAR	VA3-1137
	*VANDYKE CLUB	VA3-1155
7919	*E SHEPHEROS BAR	VA3-1155
	*TAPES FLOWERS	VA3-1400
	*PAUL A OEPATIS	VA3-1400
	*FLORIST SCHOOL	VA3-1401
	*SOULES FLORIST S	VA3-1401
7930	*HEALTH INSTITUTE	LOB-4000
8000	*UN AUTO WRKRS UAW	LOB-4000
	*UNITED AUTO WRKRS	LOB-4000

E JEFFERSON AVE 1954

JEFFERSON AV E—Contd
Apartments—Contd
 104 Kluge M
 201 Paulus J
 202 Vacant
 203 Grushow A
 204 Weedon Alice LO 7-5860
 301 Cox Erma
 302 Sisson F
 303 Herrmeyer Chas F
 304 Steele Chas H LO 7-4406
 7721 Davis Alexandria Mrs LO 7-7607
 7722 **River Terrace Apts**
 101 Wilson Walter E LO 7-0992
 102 Alris Thos F LO 7-3589
 103 Hartnell R
 104 Pival J
 201 Massey Wm J LO 7-9653
 202 Putman E
 203 Herlihy Gerald P LO 7-3626
 204 Brigham Geo D LO 7-1775
 301 Roame Leonard P LO 7-1523
 302 Smith Harry G LO 7-6244
 303 Kennedy F J
 304 Patton Alma B LO 7-6036
 7724 **Apartments**
 T1 Rockwood Ethel M Mrs LO 7-8190
 T2 Stienbaur A A
 7726 **Apartments**
 101 Pamplin Stanley C LO 7-6014
 102 Kumke Elsa S Mrs LO 7-7687
 103 O'Brien P H
 104 Dahmer Edw A
 201 Ternes Eva C LO 8-0578
 202 Brenkert Wayne D
 203 Little F Jean LO 8-0138
 204 Peppet Helen L LO 7-5255
 301 Garceau Frank J LO 8-2362
 302 Hutton Robt P LO 7-5240
 303 Harvey Wm L LO 7-1925
 304 Burnett Chauncey V LO 7-0540
 7728 **Apartments**
 101 Zandler Sannie B LO 7-7605
 102 Meldrum Bernard J LO 7-2665
 103 Platte Adelaide L Mrs LO 8-0986
 104 Adams Robt D LO 7-6716
 201 Stirling Thos C LO 7-2086
 202 Walton E W LO 7-3583
 203 Brown Richd L LO 7-5182
 204 Staperfenne N
 301 Fraser Eliz M LO 7-4557
 302 Lorimer Fred D
 303 Harvey Wm L LO 7-4925
 304 Mutton W L
 7730 **River Terrace Apts**
 T1 Jay Robt J LO 8-3314
 T2 Pasternacki Norbert T LO 7-5365
 T3 Garvey Edw J LO 7-7580
 T4 Slater Chas P LO 7-9355
 T5 Burrell W
 7732 **Apartments**
 101 McCarren Jane L LO 7-8748
 102 Solmes Fred R LO 7-7085
 103 Resel F
 104 Graff Willard I LO 7-5939
 201 McAuley Harold F LO 7-7224
 202 Aldam Juletta B LO 7-8090
 203 Mach Frank S LO 7-5562
 204 Ferguson D
 301 Price John T LO 7-9042
 302 Grewe Bernard A LO 8-2218
 303 Wright Pierce E LO 8-0488
 304 Norman Roderick H LO 7-9854
 7750 Riverside Florists LO 8-1730
Seyburn av begins
 7815 Jennings Memorial Hospital VA 1-6000
 Gray Willis J director VA 1-6000
 Carmichael Edw K phys VA 1-6000
 Chittenden Geo E phys VA 1-6000
 Donald Douglas phys VA 1-6000
 Dunlap Henry A phys VA 1-6000
 Graham John G Jr phys VA 1-6000
 Baer Raymond B phys VA 1-6000
 Hartzell John B phys VA 1-6000
 Johnson Ralph A phys VA 1-6000
 Kroll Harvey V phys VA 1-6000
 Munson Henry T E phys VA 1-6000
 Sage Thos phys VA 1-6000
 Schroeder Carlisle F phys VA 1-6000
 Smvd Edwin S dentist VA 1-6000
 Wallace S Willard phys VA 1-6000
 Winans Donald C dentist VA 1-6000
 Wunsch Richd E phys VA 1-6000
 Reppenhagen Richd W dentist VA 1-6000
 7835 Vacant
 7850 Detroit Medical Hospital LO 7-7100
 7865 Toddle House (br) restr VA 3-9840
 7869 Sanders Cleaning Co (br) clo clns VA 2-8911
 7875-77 Neuhoff Inc drugs VA 3-0150
 7891-95 Automobile Wholesale Parts Corp VA 3-0600
 7900 McKernan John
 Chrysler Corp (conference of Business Management) LO 7-9140
 7903 May Shoppe The womens clo VA 3-1215
 7909 VanDyke Club The VA 3-1155
 7919 Taepkes Flowers florists VA 3-1400
 7930 UAW-CIO health clinic LO 8-4000
VanDyke av begins
 8000 United Auto Workers CIO LO 8-4000
 8005 Duncan Service gas sta
 8025 Toddle House (br) restr VA 3-9851
 8045 Indian Village Medical bldg VA 3-1101
 Indian Village Pharmacy VA 2-3533

E JEFFERSON AVE 1940

7025 Warren Jewelry Co	JEFFERSON AV E—
7027 Warren Aug E	Wallace S Willard
7029 Carolan's Gust P	White Leslie F
7031 Carolan's Gust P	Winters Donald C
7033 Jantovich Nick confr	Winters Donald C
7035 Jantovich Nick	Linden Ethel florist
7037 Heisey Wilfred J	Adams Adeline Mrs
7039 Brauchand Della	Werner Geo F
7041 Christian Science	Woboy Town Club
Reading Room	7805 Tabbie House (br)
Lindquist Hugo	rest
Lindquist Betty Mrs	7875-77 Neuhoff Drug Co
beauty shop	(br)
7045 Hatcher Robt L	Neuhoff Drug Co
dentist	(office)
7049-51 Sanders Fred	7887 Flower Centre florists
(br) confrs	7895 Jefferson VanDike
Belle Isle Bridge begins	Garage filling sta
E Grand Blvd begins	Shepherd av ends
Gabriel Richard Park	Chrysler Corp (Con-
so cor Det St Ry (Belle	ference of Business
Island Coach Sta)	Management
7209 Stephan Max beer	7903 Sanders Tri-Cleaning
garden	(br) clo clurs
7211 Stephan Max	7900 Cox Jas T beer
7213 Stoiche Louis shoe	garden
shiner	7919 Tappke's Flowers
7217 Carney Wm J beer	7930 Detroit Foundation
garden	Music School
7221 Vacant	VanDyke av intersects
7237 Bridgeport Coaster Co	8005 McIntosh Benj J fill
Lincoln Coaster Co	8025 Hull-Dobbs House
Pearce Coaster Co	(br) rest
Delta Pearce Fred W & Co	8045 Curtis H Co
Ice constr ems	funeral directors
Pearce Fred W Corp	Curtis Chas H
of Kentucky	rear Newochester Louis
Walled Lake Park Co	Parker av begins
Pearce Amusement	8100 Alden Park Manor
C	Patton Ira J mgr
Whittier Theatre	Jules Fine Furs
Whittier Theatre Co	Alden Park Pharm-
7245 Alhay Drug Co	acy
7251 Belle-Bar Cafe beer	Steen Martha Mrs
garden	mnr
7255 White Front restr-	Burke Rhoda Dress
7257 Pappas John J confr	Shop
7259 Vacant	Eagan Wm E barber
7261 Radkin Jos billiards	Alden Park Beauty
7265 Saunce Sherman P	Salon
phys	Mounteer Harold G
Aslipson Edith G phys	acft
7269 Public Candy Co	Ohmart Galen B phys
Field av begins	Alteest's Pantry Shop
7301-15 Shumway John	baker
beer garden	AA & P Food Stores
7317 Sullivan Michl J	(br) gros
barber	Colonial Laundry
7319 Grace Beauty Salon	(br)
7325 Broadway Tire Co	Forest Cleaners &
7327 Vacant	Dyers Inc (br)
7335-40 Goldberg Nathan	May Shop The
bicycle renting	dirresses
7347 Kalajian Mitchell M	Alden Park Manor
shoe repr	Book Shop
7355 Johnson Farmer restr	8109 Shea John J
7401 Goldberg Marvin H	8115 Parker Helen P Mrs
tires	8120 Indian Village Manor
8109 Shea John J	Dwyer John J mgr
8115 Parker Helen P Mrs	8127 Vacant
8120 Indian Village Manor	Detroit Towers
Dwyer John J mgr	Allial Edw H mgr
8127 Vacant	Apartments:
Detroit Towers	MJ Skinner Robt L
Allial Edw H mgr	AA Wallace David A
Apartments:	2A Dodge John D
MJ Skinner Robt L	3A Vacant
AA Wallace David A	4A Vacant
2A Dodge John D	1 Ballarper Jesse T
3A Vacant	2 Ballarper Alvin E
4A Vacant	3B Shaw Wm J
1 Ballarper Jesse T	4B Vacant
2 Ballarper Alvin E	5A Stamer Floyd O
3B Shaw Wm J	5B Gottfredson Mary Mrs
4B Vacant	6A Sorenson Chas E
5A Stamer Floyd O	6B Vacant
5B Gottfredson Mary Mrs	7A Vacant
6A Sorenson Chas E	7B Staples Geo A
6B Vacant	8A Vacant
7A Vacant	8B Vacant
7B Staples Geo A	9A Peterson Frank J
8A Vacant	9B Powers Robt H
8B Vacant	10A Johnson Earl J
9A Peterson Frank J	10B Vacant
9B Powers Robt H	11A Fox Harry J
10A Johnson Earl J	11B Vacant
10B Vacant	12A Vacant
11A Fox Harry J	12B Nicol John
11B Vacant	13A Ramon Wm C
12A Vacant	13B Vacant
12B Nicol John	14A Peed Lefroy G
13A Ramon Wm C	14B Smith Chas L
13B Vacant	15A Vacant
14A Peed Lefroy G	15B Vacant
14B Smith Chas L	16A Vacant
15A Vacant	16B Vacant
15B Vacant	17A Vacant
16A Vacant	17B Vacant
16B Vacant	Street continued
17A Vacant	8181 Koch Laboratories
17B Vacant	8191 Ross Texaco Service
Street continued	Station
8181 Koch Laboratories	Seminole av begins
8191 Ross Texaco Service	8311 Rose Aux L
Station	Rose Minnie Mrs
Seminole av begins	drsmkr
8311 Rose Aux L	8225 Reeder Emma J Mrs
Rose Minnie Mrs	8330 Stair Edw D O
drsmkr	8335 Hillgrim Gowns
8225 Reeder Emma J Mrs	women's furngs
8330 Stair Edw D O	Hillman Florid
8335 Hillgrim Gowns	Johnson Mary F
women's furngs	beauty shop
Hillman Florid	Carter Clarabel Mrs
Johnson Mary F	drsmkr
beauty shop	Barber Gretchen
Carter Clarabel Mrs	mnr
drsmkr	Johnson Jennie
Barber Gretchen	astrologer
mnr	Strittmatter Barbara
Johnson Jennie	Mrs nassee
astrologer	8344 Vacant
Strittmatter Barbara	rear Masore Victor
Mrs nassee	8367 Meyer C Edwin
8344 Vacant	filling sta
rear Masore Victor	Irquels av begins
8367 Meyer C Edwin	ss Owen Park
filling sta	8415 Anderson Lee Ad-
Irquels av begins	vertising Co Inc
ss Owen Park	Alida T J Inc
8415 Anderson Lee Ad-	rear Cullen Jas E
vertising Co Inc	8430 Buhl Louise T Mrs
Alida T J Inc	O
rear Cullen Jas E	ss Memorial Park
8430 Buhl Louise T Mrs	8445 Burns Medical Bldg
O	Buteger Ralph G phys
ss Memorial Park	Schore Donald C phys
8445 Burns Medical Bldg	Leacock Robt C phys
Buteger Ralph G phys	Orcland Geo caretkr
Schore Donald C phys	8469 Book Jas E F O
Leacock Robt C phys	Burns av begins
Orcland Geo caretkr	8625 Jefferson Av Presby-
8469 Book Jas E F O	terian Church
Burns av begins	
8625 Jefferson Av Presby-	
terian Church	

E JEFFERSON AVE 1935

Townsend av begins:
 7600AU S Naval Reserve
 AU S Naval Reserve
 Armory
 USS Dubuque
 7601 Vacant
 7605 Vacant
 7607 Engle John
 7609 Vacant
 7613-15 Vacant
 7625-27APeters A & Co
 (br) clo clhrs
 7627AGotschall Neil D
 dentist
 Barma Richd
 7629 Vacant
 7633 Crudder Geo W restr
 7635ADadamo Ambrose
 tailor
 7636-42 Vacant
 7638AG & G Grocery Co
 7641 Vacant
 7643 Vacant
 7645 Vacant
 Baldwin av begins:
 7700 Belle Isle Speed
 Boat Livery
 7705AFisher Otto O phys
 7711AFisher Otto O
 7717AWeed Henry jr
 7717-45 Virginia Court
 Apts
 7721ASmith Reynolds
 7725AFrench Howard L
 7729ALodge John C
 7733AFloyd Chas A jr
 7737 Humburg Della F
 Mrs
 7741AHornbrook John
 7745AKross Eliz T Mrs
 7750AKillian Geo F florist
 7770 Vacant
 Seyburn av begins:
 7815ABrunk Clifford F
 phys
 ABrunk Walter C
 dentist
 ACarmichael Edw K
 phys
 AChittenden Geo E
 phys
 ACumming Robt E
 phys
 ADunlap Henry A
 phys
 AHartzell John B
 phys
 AHirschman Louis J
 phys
 ASchultz Louis O
 dentist
 ATrudeau John M
 phys
 AJennings Chas Godwin Hosp
 AJennings Alpheus F
 phys
 AJennings Chas G phys
 AWallace S Willard
 phys
 AWilcox Leslie F
 phys
 AWinans Donald C
 dentist
 7835AAjams Adeline Mrs
 Welmer Geo F
 7850AColony Town Club
 7875-77ANeuhoff Drug Co
 7881ABreitmeyers Inc (br)
 florists
 7895AStoepel H Robt
 garage
 7900ANewman R Adlington
 7903ASanders Tri Cleaning
 (br) clo clhrs
 7909AVanDyke Restaurant
 7919ATAepke's Flowers
 florists
 7930 Vacant
 VanDyke av intersects:
 8045 Curtiss Chas H
 ACurtiss C H Co
 funeral dirs
 Sidea Jas W
 Parker av begins:
 8100 Alden Park Manor
 Apts
 Patton Ira J mgr
 Alden Park Beauty
 Salon
 Alden Park Manor
 Book Shop
 Alden Park Manor
 Pantry Shop
 Alden Park Manor
 Tea Room
 Alden Park Pharmacy
 Bishop May Mrs
 women's furngs
 Colonial Laundry

E JEFFERSON AVE 1931

chiropodist
 7645 Neuhoff Drug Co (br)
 Baldwin av intersects
 7700 Thompson Aeronautical
 Corp
 7711 Brohead R Thornton
 real est
 7717-45 Virginia Ct Apts
 7717 Harry Mame
 7721 Vacant
 7725 Hewlett Thos H
 7729 Lodge John O
 7733 Smith Ethel Mrs
 7737 Berery Mary B Mrs
 7741 Hornbrook John
 7745 Cady Guy B
 Seyburn av begins
 7815 Jennings Alpheus F
 phys
 Jennings Chas G phys
 Hartzel John B phys
 Winans D C dentist
 Schultz L C dentist
 Vaughan J Walter
 phys
 Carmichael Edw K
 phys
 Varney Henry R phys
 Cooley T B phys
 Watson O O phys
 Wallace S W phys
 Brunk Walter O
 dentist
 Hirschman Louis J
 phys
 Brunk Clifford phys
 7835 Vacant
 7840 Floridian Miniature
 Golf Course
 7850 Vacant
 7875 Guardian Detroit
 Bank (br)
 7881 Breitmeyer's John
 Sons (br) florist
 7885 Brossy L C Dyeing
 Co (br)
 7895 Jefferson-VanDyke
 Garage
 7900 Newman R Adlington
 Dr
 7903 Hudson Cleaners &
 Dyers (br)
 7909 Doherty Brehm Co
 humidifiers
 7917 Turner Minnie beauty
 parlor
 7919 Taepke Gust H Co
 (br) florists
 7930 Vacant
 VanDyke av begins

E JEFFERSON AVE 1926

	hygienist	4
7645	Detroit Drug Co	4
	Baldwin av	4
7700	Russell Emily L Mrs	4
7711	Kay John	4
7717-45	Virginia Ct Apts	4
7717	Harry Mary	5
7721	Shaw Jas T	5
7725	McKinney Carlos J	5
7729	Lodge John C	5
7733	Rockwell Wm D	5
7737	Canfield Eliz C	5
7741	Hornbrook John	5
7745	Batchelor Edw A	5
	Seyhurn av begins	5
7800	Welch John	5
7835	Adams Chas W	5
7850	Vacant	5
7900	Newman R Adlington	6
	Dr	6
7907	Bowen Julian P	6
7915	Knowlson Albert T	6
7930	Ford Edsel B	6
	Vandyke av begins	6
8045	Rohnort Emma Mrs	6
	Parker av begins	6
8050	Vacant	6
3100	Alden Park Manor	6
	Alden Park Manor Inc	6
	Apartments (Arling Cross)	6
107	Schiapacasse Arth H	7
108	Monahan Homer W	7
109	Bates Martin V	7
110	Schaefer Jacob M	7
201	Fish S V Mrs	7
202	Bouton Geo L	7
203	Wilson Hansel D	7
204	Kennedy Homer N	7
205	Vacant	7
206	Durant Thos	7
207	Trefz Julius J	7
208	Cavanaugh J P	7
209	Kurth Wm	7
210	Thomas Henry A	8

E JEFFERSON AVE 1921

7643—1539 Snyder Geo W
 Elliott W H, dentist
 Gotschall N D, dentist
 Black Earl H, dentist
 Detroit Drug Co, br
 Baldwin at
 7700—1550 Russell Emily L Mrs
 7711—1551 Seyburn Wesson
 —1555-59 Virginia Ct Apts
 7717—1555 Harrie Mae
 7721—1557 Springle Hobard A
 7725—1559 Haldeman M Jas
 7729—1561 Frazer Jno P
 7733—1563 Ducey Jas G
 7737—1565 Canfield Eliz C
 7741—1567 Sheppard Albert D
 7745—1569 Eisenberg Edw N
 Soyburn av begins
 7800—1576 Seyburn Steph Y
 7835—1595 Bingham Elbert H
 7850—1610 Buhl Jane E Mrs
 7900—1630 Newman R Adlington
 7907—1631 Bowen Julian P
 7915—1635 Knowison Albert T
 7930—1650 Ford Edsel B
 VanDyke av begins
 8045—1665 Bohnert Emma Mrs
 Parker av begins
 8050—1676 Stroh Julius

E JEFFERSON AVE 1916

s s Delbridge C F
 4261 Gail C W
 4277 Carrier Albert
 4283 Bean & Seigert, gar-
 age
 4285 Brake & Wagner, sai
 Wagner Wilfred
 4301 Neff W A
 Neff begins
 s s Vacant
 Lakewood av begins
 University pl begins
 Rivard blvd begins
 4428 Ducharme C A
 4442 Rust D W
 Roosevelt pl begins
 Bathbone pl begins
 s s Alger Annette Mrs
 s s Alger F M
 Washington rd begins
 Lincoln av begins
 s s Hughes Herbert
 s s Dodge H E
 Fisher rd intersects
 s e cor Country Club of Det

10.5 Regulatory Records Documentation: The EDR Radius Map Report with GeoCheck (12-12-18), DEQ FOIA/File and LARA Documentation, 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, City of Detroit Fire Department Response and DEQ Perfected Environmental Liens (11-2-18)

7850 E Jefferson Ave

7850 E Jefferson Ave

Detroit, MI 48214

Inquiry Number: 5509725.2s

December 12, 2018

The EDR Radius Map™ Report with GeoCheck®



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

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EXECUTIVE SUMMARY

A search of the environmental records was conducted by Environmental Data Resources, Inc. (EDR). APPLIED SCIENCE & TECHNOLOGY used the EDR FieldCheck System to review and/or revise the results of this search, based on independent data verification by APPLIED SCIENCE & TECHNOLOGY. The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

7850 E JEFFERSON AVE
DETROIT, MI 48214

COORDINATES

Latitude (North):	42.3496190 - 42° 20' 58.62"
Longitude (West):	82.9948410 - 82° 59' 41.42"
Universal Transverse Mercator:	Zone 17
UTM X (Meters):	335691.8
UTM Y (Meters):	4690308.5
Elevation:	582 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	6066652 BELLE ISLE, MI
Version Date:	2014
Southwest Map:	6066264 DETROIT, MI
Version Date:	2014

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140628
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
7850 E JEFFERSON AVE
DETROIT, MI 48214

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	2.7 ACRE VACANT PARC	7850 EAST JEFFERSON	BEA		TP
A2	2.7 ACRE VACANT PARC	7850 EAST JEFFERSON	INVENTORY		TP
B3	STOEPEL H ROBT	7895 E JEFF AVE	EDR Hist Auto	Higher	91, 0.017, NW
B4	BROSSY L C DYEING CO	7885 E JEFF AVE	EDR Hist Cleaner	Higher	92, 0.017, NW
B5	JENNINGS BUILDING	7815 E JEFFERSON AVE	UST, LUST, AIRS, WDS	Higher	234, 0.044, NW
C6	SUNOCO INC	8005 E JEFFERSON AVE	ECHO, FINDS, RCRA NonGen / NLR, UST, Financial...	Higher	252, 0.048, North
C7	DUNCAN S SERVICE	8005 E JEFFERSON AVE	EDR Hist Auto	Higher	252, 0.048, North
C8	MCINTOSH SUPER SERVI	8005 E JEFF AVE	EDR Hist Auto	Higher	252, 0.048, North
C9	MARINE POLLUTION CON	8005 E JEFFERSON AVE	FINDS, RCRA NonGen / NLR	Higher	252, 0.048, North
D10	RIVER TERRACE APARTM	7770-7732 EAST JEFFE	INVENTORY	Higher	281, 0.053, WNW
11	RIVER TERRACE APARTM	7700 E JEFFERSON AVE	ECHO, RCRA NonGen / NLR, FINDS	Higher	420, 0.080, WSW
D12	MARINE CORPS RESERVE	7600 E. JEFFERSON AV	SEMS	Higher	436, 0.083, West
D13	DETROIT MARINE CORPS	7600 E JEFFERSON AVE	UST, LUST, WDS, INVENTORY	Higher	436, 0.083, West
D14	US DEPT/DEFENSE	7600 E JEFFERSON	FINDS, RCRA-CESQG, DOCKET HWC, ECHO	Higher	436, 0.083, West
D15	MULTIPLE MOTOR SERVI	7604 JEFFERSON AVE E	EDR Hist Auto	Higher	451, 0.085, West
E16	UAW INTL	8000 E JEFFERSON AVE	RCRA-CESQG, FINDS, ECHO	Lower	457, 0.087, NE
D17	NALCO CHEMICAL CO	7733 E JEFFERSON AVE	ECHO, RCRA NonGen / NLR, FINDS	Higher	463, 0.088, West
D18	RIVERVIEW HEALTH & R	7733 E JEFFERSON AVE	UST	Higher	463, 0.088, West
E19	COLONIAL LAUNDRY CO	8100 E JEFF AVE	EDR Hist Cleaner	Lower	594, 0.112, NE
20	VARA S VALET CLEANER	8104 E JEFFERSON AVE	EDR Hist Cleaner	Higher	642, 0.122, NNE
F21	BRODHEAD ARMORY	7600 EAST JEFFERSON	BROWNFIELDS	Higher	689, 0.130, West
22	DETROIT MARINE TERMI	DETROIT/WAYNE COUNTY	INVENTORY	Higher	704, 0.133, NE
F23	RIVERVIEW VASCULAR A	7633 E JEFFERSON AVE	FINDS, RCRA-CESQG, ECHO	Higher	786, 0.149, West
G24	8143 E. JEFFERSON AV	8143 E. JEFFERSON AV	INVENTORY	Higher	970, 0.184, NNE
G25	8143 E. JEFFERSON AV	8143 E. JEFFERSON AV	BEA	Higher	970, 0.184, NNE
26	SHERIDAN PLACE II	7601 E JEFFERSON AVE	UST, LUST, WDS, INVENTORY	Higher	988, 0.187, WSW
H27	POAH BELLE MAISON LL	8330 E. JEFFERSON AV	BEA	Lower	1131, 0.214, ENE
H28		8330 EAST JEFFERSON	BEA	Lower	1131, 0.214, ENE
H29	POAH BELLE MAISON LL	8330 E. JEFFERSON AV	INVENTORY	Lower	1131, 0.214, ENE
I30	VILLAGE PARK / MHT L	1070 SHIPHERD ST	RCRA NonGen / NLR	Higher	1303, 0.247, NNW
H31	8344 EAST JEFFERSON	8344 EAST JEFFERSON	BEA	Higher	1306, 0.247, NE
H32	8344 EAST JEFFERSON	8344 EAST JEFFERSON	INVENTORY	Higher	1306, 0.247, NE
I33	VILLAGE PARK	7930 AGNES AND 1070	BEA	Higher	1405, 0.266, NNW
I34	7930 AGNES	7930 AGNES	AUL, WDS	Higher	1405, 0.266, NNW
35	TOTAL RETAIL STATION	8367 E JEFFERSON AVE	UST, LUST, WDS	Higher	1472, 0.279, NNE
I36	7030 AGNES	7930 AGNES ST	UST, LUST	Higher	1523, 0.288, NNW
37	M & K FOOD MART	7255 E JEFFERSON AVE	UST, Financial Assurance, LUST, WDS	Higher	1618, 0.306, WSW
38		1013 & 1017 SHERIDAN	BEA	Higher	1628, 0.308, WNW
39	WEST VILLAGE MANOR	1400-1434 VAN DYKE A	US BROWNFIELDS, FINDS	Higher	1649, 0.312, NNW

MAPPED SITES SUMMARY

Target Property Address:
 7850 E JEFFERSON AVE
 DETROIT, MI 48214

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
40	VACANT PROPERTY	687 FIELD STREET	BEA	Higher	1736, 0.329, West
J41	KLINGER HOLDINGS, LL	1295 SOUTH PARKER ST	BEA, INVENTORY	Higher	1740, 0.330, North
42	DETROIT RIVERFRONT C	SE SIDE JEFFERSON AV	BEA	Higher	1755, 0.332, SW
J43	KLINGLER HOLDINGS, L	1300 SOUTH PARKER ST	BEA, INVENTORY	Higher	1763, 0.334, North
44	AUBURN REO, LLC	1462 VAN DYKE AVENUE	INVENTORY	Higher	1943, 0.368, NNW
K45	BOOK HOUSE	8469 E. JEFFERSON AV	INVENTORY	Higher	1974, 0.374, NNE
K46	JAMES BURGESS BOOK J	8469 E. JEFFERSON	INVENTORY	Higher	1974, 0.374, NNE
K47	BOOK HOUSE	8469 E. JEFFERSON AV	US BROWNFIELDS	Higher	1974, 0.374, NNE
K48	BOOK HOUSE	8469 E. JEFFERSON AV	BEA	Higher	1974, 0.374, NNE
49	WHITTIER TOWER	415 BURNS DR	BEA, WDS	Higher	1984, 0.376, NE
50	7001-7005 E. JEFFERS	7001-7005 E. JEFFERS	INVENTORY	Higher	2306, 0.437, WSW
51	ADULT WELL-BEING SER	SOUTH 25 FEET OF 147	BEA	Higher	2547, 0.482, WNW
52	UNIROYAL PROPERTIES	6600 EAST JEFFERSON	SPILLS, BROWNFIELDS, PART 201	Higher	3344, 0.633, WSW
53	DETROIT CITY GAS CO-	E. JEFFERSON AVE AND	EDR MGP	Higher	3611, 0.684, SW
54	DETROIT REC DEPT BEL	BELLE ISLE WHITE HOU	PART 201	Lower	4119, 0.780, SSE
55	MICH CON GAS CO STAT	JEFFERSON & MELDRUM	PART 201	Higher	4149, 0.786, WSW
56	HARBORTOWN	JEFFERSON & MT ELLIO	DEL PART 201, AUL	Higher	4637, 0.878, WSW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8.

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
2.7 ACRE VACANT PARC 7850 EAST JEFFERSON DETROIT, MI	BEA	N/A
2.7 ACRE VACANT PARC 7850 EAST JEFFERSON , MI	INVENTORY Facility ID::	N/A

DATABASES WITH NO MAPPED SITES

No sites were identified in following databases.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

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

Federal CERCLIS NFRAP site list

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

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators

EXECUTIVE SUMMARY

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 CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent CERCLIS

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

State and tribal landfill and/or solid waste disposal site lists

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

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

AST..... Aboveground Tanks

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

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

HIST LF..... Inactive Solid Waste Facilities

SWRCY..... Recycling 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

US CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS..... Lien List

EXECUTIVE SUMMARY

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
ECHO..... Enforcement & Compliance History Information
DOCKET HWC..... Hazardous Waste Compliance Docket Listing
UXO..... Unexploded Ordnance Sites
FUELS PROGRAM..... EPA Fuels Program Registered Listing
AIRS..... Permit and Emissions Inventory Data
ASBESTOS..... ASBESTOS
COAL ASH..... Coal Ash Disposal Sites
DRYCLEANERS..... Drycleaning Establishments
Financial Assurance..... Financial Assurance Information Listing
LEAD..... Lead Safe Housing Registry
NPDES..... List of Active NPDES Permits
UIC..... Underground Injection Wells Database
WDS..... Waste Data System

EXECUTIVE SUMMARY

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

Federal CERCLIS list

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.

An online review and analysis by APPLIED SCIENCE & TECHNOLOGY of the SEMS list, as provided by EDR, has revealed that there is 1 SEMS site 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>
MARINE CORPS RESERVE EPA Id: MIN000510367: Site ID: 0510367:	7600 E. JEFFERSON AV	W 0 - 1/8 (0.083 mi.)	D12	24

EXECUTIVE SUMMARY

Federal RCRA generators list

RCRA-CESQG: 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). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

An online review and analysis by APPLIED SCIENCE & TECHNOLOGY of the RCRA-CESQG list, as provided by EDR, has revealed that there are 3 RCRA-CESQG 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>
US DEPT/DEFENSE EPA ID:: MIR000016741: EPA ID:: MIR000016741: EPA ID:: MIR000016741: EPA ID:: MIR000016741: EPA ID:: MIR000016741:	7600 E JEFFERSON	W 0 - 1/8 (0.083 mi.)	D14	27
RIVERVIEW VASCULAR A EPA ID:: MIK144480393:	7633 E JEFFERSON AVE	W 1/8 - 1/4 (0.149 mi.)	F23	37
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
UAW INTL EPA ID:: MID985611938:	8000 E JEFFERSON AVE	NE 0 - 1/8 (0.087 mi.)	E16	30

State and tribal leaking storage tank lists

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.

An online review and analysis by APPLIED SCIENCE & TECHNOLOGY of the LUST list, as provided by EDR, has revealed that there are 7 LUST 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>
JENNINGS BUILDING Release Status: Closed: Facility Id: 00003041: Substance Release: Diesel:	7815 E JEFFERSON AVE	NW 0 - 1/8 (0.044 mi.)	B5	9
SUNOCO INC Release Status: Closed: Release Status: Open: Facility Id: 00005944: Substance Release: Gasoline: Substance Release: Gasoline,Gasoline,Diesel: Substance Release: Unknown:	8005 E JEFFERSON AVE	N 0 - 1/8 (0.048 mi.)	C6	11

EXECUTIVE SUMMARY

Substance Release: Used Oil:

Substance Release: :

DETROIT MARINE CORPS	7600 E JEFFERSON AVE	W 0 - 1/8 (0.083 mi.)	D13	25
Release Status: Open:				
Facility Id: 00039238:				
Substance Release: Unknown:				
SHERIDAN PLACE II	7601 E JEFFERSON AVE	WSW 1/8 - 1/4 (0.187 mi.)	26	40
Release Status: Closed:				
Facility Id: 00034190:				
Substance Release: :				
TOTAL RETAIL STATION	8367 E JEFFERSON AVE	NNE 1/4 - 1/2 (0.279 mi.)	35	46
Release Status: Closed:				
Facility Id: 00037186:				
Substance Release: Gasoline:				
7030 AGNES	7930 AGNES ST	NNW 1/4 - 1/2 (0.288 mi.)	I36	50
Release Status: Closed:				
Facility Id: 00042421:				
Substance Release: Gasoline:				
M & K FOOD MART	7255 E JEFFERSON AVE	WSW 1/4 - 1/2 (0.306 mi.)	37	51
Release Status: Closed:				
Facility Id: 00005834:				
Substance Release: :				

State and tribal registered storage tank lists

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.

An online review and analysis by APPLIED SCIENCE & TECHNOLOGY of the UST list, as provided by EDR, has revealed that there are 5 UST 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>
JENNINGS BUILDING	7815 E JEFFERSON AVE	NW 0 - 1/8 (0.044 mi.)	B5	9
Tank Status: Removed from Ground:				
Facility Id: 00003041:				
Facility Type: CLOSED:				
SUNOCO INC	8005 E JEFFERSON AVE	N 0 - 1/8 (0.048 mi.)	C6	11
Tank Status: Currently In Use:				
Tank Status: Currently In Use:				
Tank Status: Currently In Use:				
Tank Status: Currently In Use:				
Tank Status: Removed from Ground:				
Tank Status: Removed from Ground:				
Tank Status: Removed from Ground:				
Facility Id: 00005944:				
Facility Type: ACTIVE:				
Facility Type: ACTIVE:				
Facility Type: ACTIVE:				

EXECUTIVE SUMMARY

Facility Type: ACTIVE:
 Facility Type: ACTIVE:
 Facility Type: ACTIVE:
 Facility Type: ACTIVE:

DETROIT MARINE CORPS	7600 E JEFFERSON AVE	W 0 - 1/8 (0.083 mi.)	D13	25
Tank Status: Removed from Ground:				
Tank Status: Removed from Ground:				
Facility Id: 00039238:				
Facility Type: CLOSED:				
Facility Type: CLOSED:				
RIVERVIEW HEALTH & R	7733 E JEFFERSON AVE	W 0 - 1/8 (0.088 mi.)	D18	35
Tank Status: Currently In Use:				
Tank Status: Currently In Use:				
Facility Id: 00003040:				
Facility Type: ACTIVE:				
Facility Type: ACTIVE:				
SHERIDAN PLACE II	7601 E JEFFERSON AVE	WSW 1/8 - 1/4 (0.187 mi.)	26	40
Tank Status: Removed from Ground:				
Facility Id: 00034190:				
Facility Type: CLOSED:				

State and tribal institutional control / engineering control registries

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

An online review and analysis by APPLIED SCIENCE & TECHNOLOGY of the AUL list, as provided by EDR, has revealed that there is 1 AUL site 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>
7930 AGNES	7930 AGNES	NNW 1/4 - 1/2 (0.266 mi.)	I34	45
Facility ID: 00042421:				

State and tribal Brownfields sites

BROWNFIELDS: Brownfields and USTfield Site Database.

An online review and analysis by APPLIED SCIENCE & TECHNOLOGY of the BROWNFIELDS list, as provided by EDR, has revealed that there is 1 BROWNFIELDS site 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>
BRODHEAD ARMORY	7600 EAST JEFFERSON	W 1/8 - 1/4 (0.130 mi.)	F21	37
Facility Id: 00039238:				
Status: :				
Ernie Id Number::				

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: The EPA's listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

An online review and analysis by APPLIED SCIENCE & TECHNOLOGY of the US BROWNFIELDS list, as provided by EDR, has revealed that there are 2 US BROWNFIELDS 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>
WEST VILLAGE MANOR ACRES property ID: 106386: ACRES property ID: 106386: ACRES property ID: 106386:	1400-1434 VAN DYKE A	NNW 1/4 - 1/2 (0.312 mi.)	39	57
BOOK HOUSE ACRES property ID: 131441: ACRES property ID: 131441: ACRES property ID: 131441: ACRES property ID: 131441: ACRES property ID: 131441: ACRES property ID: 131441: ACRES property ID: 131441: ACRES property ID: 131441:	8469 E. JEFFERSON AV	NNE 1/4 - 1/2 (0.374 mi.)	K47	67

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.

An online review and analysis by APPLIED SCIENCE & TECHNOLOGY of the PART 201 list, as provided by EDR, has revealed that there are 3 PART 201 sites 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>
UNIROYAL PROPERTIES Facility ID: 82000213: Facility Status: Interim Response in progress:	6600 EAST JEFFERSON	WSW 1/2 - 1 (0.633 mi.)	52	92
MICH CON GAS CO STAT Facility ID: 82000029: Facility Status: Interim Response in progress:	JEFFERSON & MELDRUM	WSW 1/2 - 1 (0.786 mi.)	55	93
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DETROIT REC DEPT BEL	BELLE ISLE WHITE HOU	SSE 1/2 - 1 (0.780 mi.)	54	93

EXECUTIVE SUMMARY

Facility ID: 82001520:
Facility Status: Interim Response in progress:

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.

An online review and analysis by APPLIED SCIENCE & TECHNOLOGY of the INVENTORY list, as provided by EDR, has revealed that there are 14 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>
SUNOCO INC Facility ID: 00005944:	8005 E JEFFERSON AVE	N 0 - 1/8 (0.048 mi.)	C6	11
RIVER TERRACE APARTM Facility ID: 82003239:	7770-7732 EAST JEFFE	WNW 0 - 1/8 (0.053 mi.)	D10	22
DETROIT MARINE CORPS Facility ID: 00039238:	7600 E JEFFERSON AVE	W 0 - 1/8 (0.083 mi.)	D13	25
DETROIT MARINE TERMI Facility ID: 82001773:	DETROIT/WAYNE COUNTY	NE 1/8 - 1/4 (0.133 mi.)	22	37
8143 E. JEFFERSON AV Facility ID::	8143 E. JEFFERSON AV	NNE 1/8 - 1/4 (0.184 mi.)	G24	39
SHERIDAN PLACE II Facility ID: 00034190:	7601 E JEFFERSON AVE	WSW 1/8 - 1/4 (0.187 mi.)	26	40
8344 EAST JEFFERSON Facility ID::	8344 EAST JEFFERSON	NE 1/8 - 1/4 (0.247 mi.)	H32	45
KLINGER HOLDINGS, LL Facility ID::	1295 SOUTH PARKER ST	N 1/4 - 1/2 (0.330 mi.)	J41	65
KLINGLER HOLDINGS, L Facility ID::	1300 SOUTH PARKER ST	N 1/4 - 1/2 (0.334 mi.)	J43	66
AUBURN REO, LLC Facility ID::	1462 VAN DYKE AVENUE	NNW 1/4 - 1/2 (0.368 mi.)	44	66
BOOK HOUSE Facility ID::	8469 E. JEFFERSON AV	NNE 1/4 - 1/2 (0.374 mi.)	K45	67
JAMES BURGESS BOOK J Facility ID: 82002811:	8469 E. JEFFERSON	NNE 1/4 - 1/2 (0.374 mi.)	K46	67
7001-7005 E. JEFFERS	7001-7005 E. JEFFERS	WSW 1/4 - 1/2 (0.437 mi.)	50	91

EXECUTIVE SUMMARY

Facility ID::

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
POAH BELLE MAISON LL Facility ID::	8330 E. JEFFERSON AV	ENE 1/8 - 1/4 (0.214 mi.)	H29	43

DEL PART 201: 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.

An online review and analysis by APPLIED SCIENCE & TECHNOLOGY of the DEL PART 201 list, as provided by EDR, has revealed that there is 1 DEL 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>
HARBORTOWN Facility Id: 82000185:	JEFFERSON & MT ELLIO	WSW 1/2 - 1 (0.878 mi.)	56	94

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.

An online review and analysis by APPLIED SCIENCE & TECHNOLOGY of the RCRA NonGen / NLR list, as provided by EDR, 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>
SUNOCO INC EPA ID:: MID000806232: EPA ID:: MID000806232:	8005 E JEFFERSON AVE	N 0 - 1/8 (0.048 mi.)	C6	11
MARINE POLLUTION CON EPA ID:: MIK128862276:	8005 E JEFFERSON AVE	N 0 - 1/8 (0.048 mi.)	C9	20
RIVER TERRACE APARTM EPA ID:: MID982612178: EPA ID:: MID982612178: EPA ID:: MID982612178:	7700 E JEFFERSON AVE	WSW 0 - 1/8 (0.080 mi.)	11	22
NALCO CHEMICAL CO EPA ID:: MIR000037226: EPA ID:: MIR000037226: EPA ID:: MIR000037226:	7733 E JEFFERSON AVE	W 0 - 1/8 (0.088 mi.)	D17	32
VILLAGE PARK / MHT L	1070 SHIPHERD ST	NNW 1/8 - 1/4 (0.247 mi.)	I30	43

EXECUTIVE SUMMARY

EPA ID:: MIK401811272:

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.

An online review and analysis by APPLIED SCIENCE & TECHNOLOGY of the BEA list, as provided by EDR, has revealed that there are 13 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>
8143 E. JEFFERSON AV	8143 E. JEFFERSON AV	NNE 1/8 - 1/4 (0.184 mi.)	G25	40
8344 EAST JEFFERSON VILLAGE PARK	8344 EAST JEFFERSON	NE 1/8 - 1/4 (0.247 mi.)	H31	44
Not reported	7930 AGNES AND 1070	NNW 1/4 - 1/2 (0.266 mi.)	I33	45
VACANT PROPERTY	1013 & 1017 SHERIDAN	WNW 1/4 - 1/2 (0.308 mi.)	38	56
KLINGER HOLDINGS, LL	687 FIELD STREET	W 1/4 - 1/2 (0.329 mi.)	40	65
DETROIT RIVERFRONT C	1295 SOUTH PARKER ST	N 1/4 - 1/2 (0.330 mi.)	J41	65
KLINGLER HOLDINGS, L	SE SIDE JEFFERSON AV	SW 1/4 - 1/2 (0.332 mi.)	42	66
BOOK HOUSE	1300 SOUTH PARKER ST	N 1/4 - 1/2 (0.334 mi.)	J43	66
WHITTIER TOWER	8469 E. JEFFERSON AV	NNE 1/4 - 1/2 (0.374 mi.)	K48	90
ADULT WELL-BEING SER	415 BURNS DR	NE 1/4 - 1/2 (0.376 mi.)	49	90
	SOUTH 25 FEET OF 147	WNW 1/4 - 1/2 (0.482 mi.)	51	91
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
POAH BELLE MAISON LL	8330 E. JEFFERSON AV	ENE 1/8 - 1/4 (0.214 mi.)	H27	42
Not reported	8330 EAST JEFFERSON	ENE 1/8 - 1/4 (0.214 mi.)	H28	42

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: 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.

An online review and analysis by APPLIED SCIENCE & TECHNOLOGY of the EDR MGP list, as provided by EDR, has revealed that there is 1 EDR MGP 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>
DETROIT CITY GAS CO-	E. JEFFERSON AVE AND	SW 1/2 - 1 (0.684 mi.)	53	93

EXECUTIVE SUMMARY

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.

An online review and analysis by APPLIED SCIENCE & TECHNOLOGY of the EDR Hist Auto list, as provided by EDR, has revealed that there are 4 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>
STOEPPEL H ROBT	7895 E JEFF AVE	NW 0 - 1/8 (0.017 mi.)	B3	8
DUNCAN S SERVICE	8005 E JEFFERSON AVE	N 0 - 1/8 (0.048 mi.)	C7	19
MCINTOSH SUPER SERVI	8005 E JEFF AVE	N 0 - 1/8 (0.048 mi.)	C8	20
MULTIPLE MOTOR SERVI	7604 JEFFERSON AVE E	W 0 - 1/8 (0.085 mi.)	D15	30

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.

An online review and analysis by APPLIED SCIENCE & TECHNOLOGY of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 3 EDR Hist Cleaner 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>
BROSSY L C DYEING CO	7885 E JEFF AVE	NW 0 - 1/8 (0.017 mi.)	B4	8
VARA S VALET CLEANER	8104 E JEFFERSON AVE	NNE 0 - 1/8 (0.122 mi.)	20	36

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
COLONIAL LAUNDRY CO	8100 E JEFF AVE	NE 0 - 1/8 (0.112 mi.)	E19	36

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 5509725.2S



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

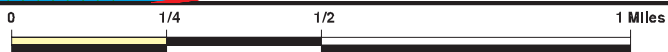
County Boundary

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

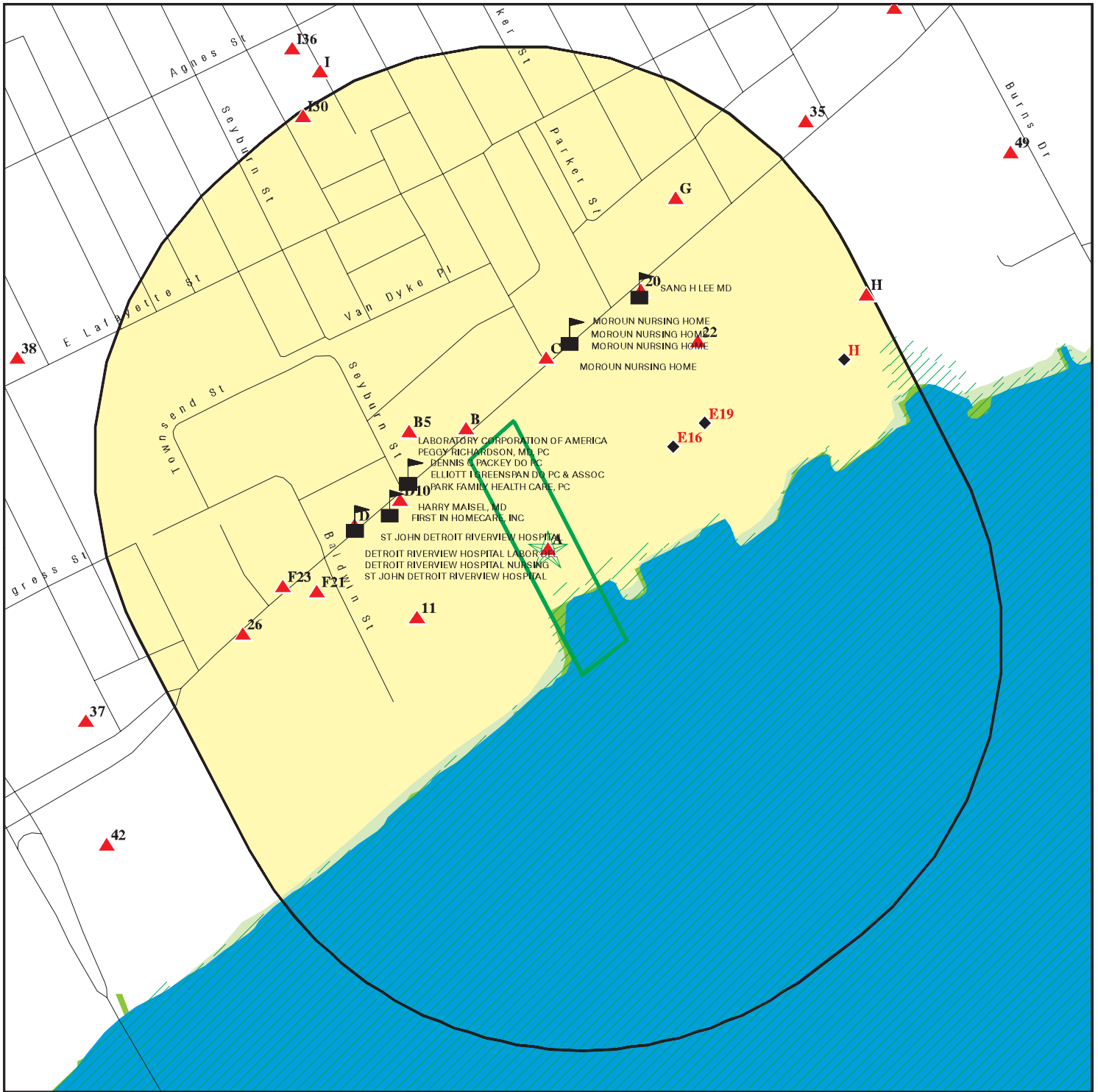









This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.




SITE NAME: 7850 E Jefferson Ave
 ADDRESS: 7850 E Jefferson Ave
 Detroit MI 48214
 LAT/LONG: 42.349619 / 82.994841

CLIENT: Applied Science & Technology
 CONTACT: Laura Gray
 INQUIRY #: 5509725.2s
 DATE: December 13, 2018 9:55 am

DETAIL MAP - 5509725.2S



-  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
-  100-year flood zone
-  500-year flood zone
-  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: 7850 E Jefferson Ave ADDRESS: 7850 E Jefferson Ave Detroit MI 48214 LAT/LONG: 42.349619 / 82.994841	CLIENT: Applied Science & Technology CONTACT: Laura Gray INQUIRY #: 5509725.2s DATE: December 13, 2018 9:56 am
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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		1	0	0	NR	NR	1
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		2	1	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 CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	0.001		0	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS	1.000		0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		3	1	3	NR	NR	7
INDIAN LUST	0.500		0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UST	0.250		4	1	NR	NR	NR	5
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
AUL	0.500		0	0	1	NR	NR	1
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	1	0	NR	NR	1
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	2	NR	NR	2
Local Lists of Landfill / Solid Waste Disposal Sites								
HIST LF	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
PART 201 INVENTORY	1.000		0	0	0	3	NR	3
CDL	0.500	1	3	5	6	NR	NR	15
DEL PART 201	0.001		0	NR	NR	NR	NR	0
US CDL	1.000		0	0	0	1	NR	1
US CDL	0.001		0	NR	NR	NR	NR	0
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
SPILLS	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		4	1	NR	NR	NR	5
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

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
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	0.001		0	NR	NR	NR	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	0.001		0	NR	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
ECHO	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
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	1	0	4	9	NR	NR	14
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

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	1	NR	1
EDR Hist Auto	0.125		4	NR	NR	NR	NR	4
EDR Hist Cleaner	0.125		3	NR	NR	NR	NR	3

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
<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 --		2	24	14	21	5	0	66

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 **2.7 ACRE VACANT PARCEL**
Target **7850 EAST JEFFERSON AVENUE**
Property **DETROIT, MI**

BEA **S108986723**
 N/A

Site 1 of 2 in cluster A

Actual:
582 ft.

BEA:
Secondary Address: Not reported
BEA Number: 3776
District: Southeast MI
Date Received: 01/28/2008
Client Plot Submitter Name: PFRS Jefferson Avenue Corporation
Petition Determination: Affirmed
Petition Disclosure: 1
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: thorntop
Division Assigned: Environmental Response Division

A2 **2.7 ACRE VACANT PARCEL**
Target **7850 EAST JEFFERSON AVENUE**
Property **, MI**

INVENTORY **S114023507**
 N/A

Site 2 of 2 in cluster A

Actual:
582 ft.

INVENTORY:
Bea Number: 200803776LV
Township: Detroit
District: Southeast MI
Data Source: BEA
Latitude: Not reported
Longitude: Not reported

B3 **STOEPPEL H ROBT**
NW **7895 E JEFF AVE**
< 1/8 **DETROIT, MI**
0.017 mi.

EDR Hist Auto **1009495107**
 N/A

91 ft.

Site 1 of 3 in cluster B

Relative:
Higher

EDR Hist Auto:

Year: Name: / Type:
1931: JEFFERSON VANDYKE GARAGE / AUTOMOBILE GARAGES
1935: STOEPPEL H ROBT / AUTOMOBILE REPAIRING
1940: JEFFERSON VANDYKE GARAGE / GASOLINE AND OIL SERVICE STATIONS

B4 **BROSSY L C DYEING CO**
NW **7885 E JEFF AVE**
< 1/8 **DETROIT, MI**
0.017 mi.

EDR Hist Cleaner **1009482941**
 N/A

92 ft.

Site 2 of 3 in cluster B

Relative:
Higher

EDR Hist Cleaner:

Year: Name: / Type:
1931: BROSSY L C DYEING CO / DYERS AND CLEANERS
1931: BROSSY L C DYEING CO / CLEANERS AND DYERS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B5 **JENNINGS BUILDING**
NW **7815 E JEFFERSON AVE**
< 1/8 **DETROIT, MI 48214**
0.044 mi.
234 ft. **Site 3 of 3 in cluster B**

UST **U003319922**
LUST **N/A**
AIRS
WDS

Relative:
Higher
Actual:
595 ft.

Client Plot

LUST:
Facility ID: 00003041
Source: STATE OF MICHIGAN
Owner Name: Detroit-Macomb Hospital Corp
Owner Address: 7815 E Jefferson Ave
Owner City,St,Zip: Detroit, MI 48214-3704
Owner Contact: Not reported
Owner Phone: (313) 568-7100
Country: USA
District: Southeast MI
Site Name: Detroit Macom Hospital C
Latitude: 42.35056
Longitude: -82.99676
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)

Leak Number: C-0998-98
Release Date: 10/15/1998
Substance Released: Diesel
Release Status: Closed
Release Closed Date: 03/03/1999

UST:
Facility Type: CLOSED
Facility ID: 00003041
Facility Region: 1
Owner Name: DETROIT-MACOMB HOSPITAL CORP
Owner Address: 7815 E JEFFERSON AVE
Owner City: DETROIT
Owner State: MI
Owner Zip: 48214-3704
Owner Contact: Not reported
Owner Phone: 3135687100
Contact: HERB KORTZ
Contact Phone: (313) 499-4942
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: 5000
Tank Status: Removed from Ground
Substance: Diesel
Install Date: 05/14/1959

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JENNINGS BUILDING (Continued)

U003319922

Remove Date: 10/15/1998
Tank Number: UTK-070307-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Tank Construction: Asphalt Coated or Bare Steel
Impressed Device: Not reported
Latitude: 42.35056
Longitude: -82.99676

AIRS:

State Registration Number: M4508
Naics Code: Not reported
Contact Email: Not reported
Contact Name: LARRY GUARINELLO
Contact Phone: Not reported
Contact Address: (same as site address)
Contact City,St,Zip: Not reported
Permit Number: C-7203
Date Received: Not reported
Application Reason: HEALTH CARE
Record Type: Not reported
State County FIPS: Not reported
Facility Category: Not reported
SIC Primary: Not reported
Tribal Code: Not reported
Facility Status Code: Not reported
Facility Status: Active
Supplemental Location Text: Not reported
Business Name: Not reported
Principal Product: Not reported
Principal Product Description: Not reported
UTM Zone (Geo Coordinates Universal Transverse Mercator System): Not reported
UTM Horizontal Coord: Not reported
UTM Vertical Coord: Not reported
Mailing Name: Not reported
Mailing Contact Person: Not reported
Mailing Street: Not reported
Mailing City: Not reported
Mailing State: Not reported
Mailing Zip: Not reported
Mailing Zip 4 Extension: Not reported
Compliance Person: Not reported
Compliance Area Code: Not reported
Compliance Phone Number: Not reported
Emission Inventory Contact Person: Not reported
EI Contact Area Code: Not reported
EI Contact Phone Number: Not reported
Permit Contact Person: Not reported
Permit Contact Person Area Code: Not reported
Permit Contact Person Phone Number: Not reported
Federal Employer Id Number: Not reported
Of Employees: Not reported
Reporting Year: Not reported
Date Record Was Created: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JENNINGS BUILDING (Continued)

U003319922

WDS:

Site Id: MIG000029853
WMD Id: 447930
Site Specific Name: DETROIT MACOMB HOSPITAL
Mailing Address: 7815 E JEFFERSON AVE
Mailing City/State/Zip: 48214
Mailing County: WAYNE

C6
North
< 1/8
0.048 mi.
252 ft.
Relative:
Higher
Actual:
593 ft.

SUNOCO INC
8005 E JEFFERSON AVE
DETROIT, MI 48214
Site 1 of 4 in cluster C

ECHO 1000331231
FINDS N/A
RCRA NonGen / NLR
UST
Financial Assurance
LUST
WDS
INVENTORY

LUST:

Facility ID: 00005944
Source: STATE OF MICHIGAN
Owner Name: Nemos Oil LLC
Owner Address: 8005 E Jefferson Ave
Owner City,St,Zip: Detroit, MI 48214
Owner Contact: Not reported
Owner Phone: Not reported
Country: USA
District: Southeast MI
Site Name: Nemos Oil LLC
Latitude: 42.35171
Longitude: -82.99501
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)

Leak Number: C-0205-18
Release Date: 09/19/2018
Substance Released: Gasoline,Gasoline,Diesel
Release Status: Open
Release Closed Date: Not reported

Leak Number: C-0239-00
Release Date: 03/09/2000
Substance Released: Unknown
Release Status: Open
Release Closed Date: Not reported

Leak Number: C-0342-02
Release Date: 06/20/2002
Substance Released: Gasoline
Release Status: Open
Release Closed Date: Not reported

Leak Number: C-1283-01

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUNOCO INC (Continued)

1000331231

Release Date: 10/02/2001
Substance Released: Used Oil
Release Status: Open
Release Closed Date: Not reported

Leak Number: C-1439-90
Release Date: 08/06/1990
Substance Released: Not reported
Release Status: Closed
Release Closed Date: 03/08/1999

UST:

Facility Type: ACTIVE
Facility ID: 00005944
Facility Region: 1
Owner Name: HANAA ENTERPRISE LLC
Owner Address: 8005 E JEFFERSON
Owner City: DETROIT
Owner State: MI
Owner Zip: 48214-2627
Owner Contact: Not reported
Owner Phone: 3138226234
Contact: Ibrahim Yazbek
Contact Phone: (313) 231-8593
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: 7
Capacity: 1000
Tank Status: Removed from Ground
Substance: Used Oil
Install Date: 07/01/1988
Remove Date: 09/20/2001
Tank Number: UTK-047517-15
Tank Details Compartments: Not reported
Tank Release Detection: Inventory Control,Tank Tightness Testing
Pipe Release Detection: Not reported
Piping Material: Fiberglass Reinforced Plastic
Piping Type: Pressure (Remote)
Tank Construction: Fiberglass Reinforced Plastic
Impressed Device: Not reported
Latitude: 42.35171
Longitude: -82.99501

Facility Type: ACTIVE
Facility ID: 00005944
Facility Region: 1
Owner Name: HANAA ENTERPRISE LLC
Owner Address: 8005 E JEFFERSON
Owner City: DETROIT
Owner State: MI
Owner Zip: 48214-2627

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUNOCO INC (Continued)

1000331231

Owner Contact: Not reported
Owner Phone: 3138226234
Contact: Ibrahim Yazbek
Contact Phone: (313) 231-8593
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: 6
Capacity: 6000
Tank Status: Currently In Use
Substance: Gasoline
Install Date: 09/01/1985
Remove Date: Not reported
Tank Number: UTK-077002-15
Tank Details Compartments: Not reported
Tank Release Detection: Inventory Control,Tank Tightness Testing
Pipe Release Detection: Automatic Line Leak Detectors,Line Tightness Testing
Piping Material: Fiberglass Reinforced Plastic
Piping Type: Pressure (Remote)
Tank Construction: Fiberglass Reinforced Plastic
Impressed Device: Not reported
Latitude: 42.35171
Longitude: -82.99501

Facility Type: ACTIVE
Facility ID: 00005944
Facility Region: 1
Owner Name: HANAA ENTERPRISE LLC
Owner Address: 8005 E JEFFERSON
Owner City: DETROIT
Owner State: MI
Owner Zip: 48214-2627
Owner Contact: Not reported
Owner Phone: 3138226234
Contact: Ibrahim Yazbek
Contact Phone: (313) 231-8593
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: 5
Capacity: 8000
Tank Status: Currently In Use
Substance: Gasoline
Install Date: 12/01/1982
Remove Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUNOCO INC (Continued)

1000331231

Tank Number: UTK-076997-15
Tank Details Compartments: Not reported
Tank Release Detection: Inventory Control,Tank Tightness Testing
Pipe Release Detection: Automatic Line Leak Detectors,Line Tightness Testing
Piping Material: Fiberglass Reinforced Plastic
Piping Type: Pressure (Remote)
Tank Construction: Fiberglass Reinforced Plastic
Impressed Device: Not reported
Latitude: 42.35171
Longitude: -82.99501

Facility Type: ACTIVE
Facility ID: 00005944
Facility Region: 1
Owner Name: HANAA ENTERPRISE LLC
Owner Address: 8005 E JEFFERSON
Owner City: DETROIT
Owner State: MI
Owner Zip: 48214-2627
Owner Contact: Not reported
Owner Phone: 3138226234
Contact: Ibrahim Yazbek
Contact Phone: (313) 231-8593
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: 8000
Tank Status: Currently In Use
Substance: Gasoline
Install Date: 12/01/1982
Remove Date: Not reported
Tank Number: UTK-076993-15
Tank Details Compartments: Not reported
Tank Release Detection: Automatic Tank Gauging,Inventory Control,Tank Tightness Testing
Pipe Release Detection: Automatic Line Leak Detectors,Line Tightness Testing
Piping Material: Double Walled,Flexible Piping
Piping Type: Pressure (Remote)
Tank Construction: Fiberglass Reinforced Plastic
Impressed Device: Not reported
Latitude: 42.35171
Longitude: -82.99501

Facility Type: ACTIVE
Facility ID: 00005944
Facility Region: 1
Owner Name: HANAA ENTERPRISE LLC
Owner Address: 8005 E JEFFERSON
Owner City: DETROIT
Owner State: MI
Owner Zip: 48214-2627

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUNOCO INC (Continued)

1000331231

Owner Contact: Not reported
Owner Phone: 3138226234
Contact: Ibrahim Yazbek
Contact Phone: (313) 231-8593
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: 8000
Tank Status: Currently In Use
Substance: Gasoline
Install Date: 12/01/1982
Remove Date: Not reported
Tank Number: UTK-076989-15
Tank Details Compartments: Not reported
Tank Release Detection: Automatic Tank Gauging, Inventory Control
Pipe Release Detection: Automatic Line Leak Detectors
Piping Material: Double Walled, Flexible Piping
Piping Type: Pressure (Remote)
Tank Construction: Fiberglass Reinforced Plastic
Impressed Device: Not reported
Latitude: 42.35171
Longitude: -82.99501

Facility Type: ACTIVE
Facility ID: 00005944
Facility Region: 1
Owner Name: HANAA ENTERPRISE LLC
Owner Address: 8005 E JEFFERSON
Owner City: DETROIT
Owner State: MI
Owner Zip: 48214-2627
Owner Contact: Not reported
Owner Phone: 3138226234
Contact: Ibrahim Yazbek
Contact Phone: (313) 231-8593
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: 6000
Tank Status: Removed from Ground
Substance: Gasoline
Install Date: 05/06/1983
Remove Date: 07/01/1988

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUNOCO INC (Continued)

1000331231

Tank Number: UTK-004423-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Fiberglass Reinforced Plastic
Piping Type: Not reported
Tank Construction: Fiberglass Reinforced Plastic
Impressed Device: Not reported
Latitude: 42.35171
Longitude: -82.99501

Facility Type: ACTIVE
Facility ID: 00005944
Facility Region: 1
Owner Name: HANAA ENTERPRISE LLC
Owner Address: 8005 E JEFFERSON
Owner City: DETROIT
Owner State: MI
Owner Zip: 48214-2627
Owner Contact: Not reported
Owner Phone: 3138226234
Contact: Ibrahim Yazbek
Contact Phone: (313) 231-8593
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: 1000
Tank Status: Removed from Ground
Substance: Other(SLOP OIL)
Install Date: 05/05/1970
Remove Date: 07/01/1988
Tank Number: UTK-076983-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Tank Construction: Asphalt Coated or Bare Steel
Impressed Device: Not reported
Latitude: 42.35171
Longitude: -82.99501

INVENTORY:

Bea Number: Not reported
Township: Not reported
District: Southeast MI
Data Source: Part 213
Latitude: 42.35171
Longitude: -82.99501

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUNOCO INC (Continued)

1000331231

RCRA NonGen / NLR:

Date form received by agency: 01/22/2002
Facility name: SUNOCO INC
Facility address: 8005 E JEFFERSON AVE
DETROIT, MI 48214
EPA ID: MID000806232
Contact: GIL LOVELL
Contact address: 8005 E JEFFERSON AVE
DETROIT, MI 48214
Contact country: US
Contact telephone: 313-358-2540
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: SUNOCO SERVICE STATION
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Owner/operator name: SUNOCO SERVICE STATION
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUNOCO INC (Continued)

1000331231

Used oil Specification marketer: No

Used oil transfer facility: No

Used oil transporter: No

. Waste code: D001

. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Historical Generators:

Date form received by agency: 08/18/1980

Site name: SUNOCO INC

Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D001

. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110003577264

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.

ECHO:

Envid: 1000331231

Registry ID: 110003577264

DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110003577264>

WDS:

Site Id: MID000806232

WMD Id: 392802

Site Specific Name: SUNOCO SERVICE STATION

Mailing Address: 8005 E JEFFERSON AVE

Mailing City/State/Zip: 48214

Mailing County: WAYNE

Site Id: MIK128862276

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SUNOCO INC (Continued)

1000331231

WMD Id: 497005
 Site Specific Name: MARINE POLLUTION CONTROL
 Mailing Address: 30829 PARKWOOD
 Mailing City/State/Zip: 48186
 Mailing County: WAYNE

C7
North
< 1/8
0.048 mi.
252 ft.

DUNCAN S SERVICE
8005 E JEFFERSON AVE
DETROIT, MI

EDR Hist Auto

1009495174
N/A

Site 2 of 4 in cluster C

Relative:
Higher

EDR Hist Auto:

Actual:
593 ft.

Year:	Name: / Type:
1954:	DUNCAN S SERVICE / GASOLINE STATIONS
1964:	DUNCAN S SERVICE / GASOLINE STATIONS
1973:	SUN SERVICE CENTER / Gasoline Service Stations
1973:	SUN CAR CARE CLINIC / Gasoline Service Stations
1974:	SUN CAR CARE CLINIC / Gasoline Service Stations
1974:	SUN SERVICE CENTER / Gasoline Service Stations
1975:	SUN SERVICE CENTER / Gasoline Service Stations
1975:	SUN CAR CARE CLINIC / Gasoline Service Stations
1976:	SUN SERVICE CENTER / Gasoline Service Stations
1976:	SUN CAR CARE CLINIC / Gasoline Service Stations
1977:	SUN CAR CARE CLINIC / Gasoline Service Stations
1977:	SUN SERVICE CENTER / Gasoline Service Stations
1978:	SUN CAR CARE CLINIC / Gasoline Service Stations
1979:	SUN CAR CARE CLINIC / Gasoline Service Stations
1980:	SUN CAR CARE CLINIC / Gasoline Service Stations
1982:	SUN CAR CARE CLINIC / Gasoline Service Stations
1983:	SUN CAR CARE CLINIC / Gasoline Service Stations
1985:	SUN SERVICE CENTERS INC / Gasoline Service Stations
1986:	SUNOCO GAS STATION / Gasoline Service Stations
1987:	SUNOCO GAS STATION / Gasoline Service Stations
1988:	SUN SERVICE CENTER / Gasoline Service Stations
1989:	SUN SERVICE CENTER / Gasoline Service Stations, NEC
1990:	SUN SERVICE CENTER / Gasoline Service Stations, NEC
1991:	SUN SERVICE CENTER / Gasoline Service Stations, NEC
1992:	SUN SERVICE CENTER / Gasoline Service Stations, NEC
1993:	SUN SERVICE CENTERS INC / Gasoline Service Stations, NEC
1994:	SUN SERVICE CENTERS INC / Gasoline Service Stations, NEC
1995:	SUN SERVICE CENTERS INC / Gasoline Service Stations, NEC
1996:	JEFFERSON ULTRA SERVICE INC / Gasoline Service Stations, NEC
1997:	JEFFERSON ULTRA SERVICE INC / Gasoline Service Stations, NEC
1998:	JEFFERSON ULTRA SERVICE INC / Gasoline Service Stations, NEC
1999:	JEFFERSON ULTRA SERVICE INC / Gasoline Service Stations, NEC
2000:	JEFFERSON ULTRA SERVICE INC / Gasoline Service Stations, NEC
2001:	JEFFERSON ULTRA SERVICE INC / Gasoline Service Stations, NEC
2002:	JEFFERSON ULTRA SERVICE INC / Gasoline Service Stations, NEC
2003:	JEFFERSON ULTRA SERVICE INC / Gasoline Service Stations, NEC
2004:	JEFFERSON ULTRA SERVICE INC / Gasoline Service Stations, NEC
2005:	JEFFERSON ULTRA SERVICE INC / Gasoline Service Stations, NEC
2006:	JEFFERSON ULTRA SERVICE INC / Gasoline Service Stations, NEC
2006:	JEFFERSON VILLAGE ENTERPR / Gasoline Service Stations
2007:	JEFFERSON ULTRA SERVICE INC / Gasoline Service Stations, NEC
2007:	JEFFERSON VILLAGE ENTERPR / Gasoline Service Stations
2008:	JEFFERSON ULTRA SERVICE INC / Gasoline Service Stations, NEC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUNCAN S SERVICE (Continued)

1009495174

2008: JEFFERSON VILLAGE ENTERPR / Gasoline Service Stations
2009: JEFFERSON ULTRA SERVICE INC / Gasoline Service Stations, NEC
2009: JEFFERSON VILLAGE ENTERPR / Gasoline Service Stations
2010: JEFFERSON ULTRA SERVICE INC / Gasoline Service Stations, NEC
2011: SUNOCO / Gasoline Service Stations
2011: JEFFERSON ULTRA SERVICE INC / Gasoline Service Stations, NEC
2012: SUNOCO / Gasoline Service Stations
2012: JEFFERSON ULTRA SERVICE INC / Gasoline Service Stations, NEC
2013: SUNOCO / Gasoline Service Stations, NEC
2014: SUNOCO / Gasoline Service Stations, NEC

C8
North
< 1/8
0.048 mi.
252 ft.

MCINTOSH SUPER SERVICE
8005 E JEFF AVE
DETROIT, MI

EDR Hist Auto 1009495173
N/A

Site 3 of 4 in cluster C

Relative:
Higher

EDR Hist Auto:

Actual:
593 ft.

Year:
1940:

Name: / Type:
MCINTOSH SUPER SERVICE / GASOLINE AND OIL SERVICE STATIONS

C9
North
< 1/8
0.048 mi.
252 ft.

MARINE POLLUTION CONTROL
8005 E JEFFERSON AVE
DETROIT, MI 48214

FINDS 1023967858
RCRA NonGen / NLR N/A

Site 4 of 4 in cluster C

Relative:
Higher

RCRA NonGen / NLR:

Actual:
593 ft.

Date form received by agency: 10/13/2017
Facility name: MARINE POLLUTION CONTROL
Facility address: 8005 E JEFFERSON AVE
DETROIT, MI 48214
EPA ID: MIK128862276
Mailing address: 30829 PARKWOOD
WESTLAND, MI 48186
Contact: JASON O FERRALL
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 734-578-1990
Contact email: JASONFERRALL@GMAIL.COM
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: DETROIT FIRE DEPARTMENT
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE POLLUTION CONTROL (Continued)

1023967858

Owner/Operator Type: Owner
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Owner/operator name: DETROIT FIRE DEPARTMENT
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110070207283

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.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

D10
WNW
< 1/8
0.053 mi.
281 ft.

RIVER TERRACE APARTMENT COMPLEX
7770-7732 EAST JEFFERSON AVE
DETROIT, MI 48214

INVENTORY S121466668
N/A

Site 1 of 7 in cluster D

Relative:
Higher

INVENTORY:

Bea Number: Not reported
Township: Detroit
District: Southeast MI
Data Source: Part 201
Latitude: 42.34882
Longitude: -82.99649

Actual:
595 ft.

11
WSW
< 1/8
0.080 mi.
420 ft.

RIVER TERRACE APARTMENTS
7700 E JEFFERSON AVE
DETROIT, MI 48214

ECHO 1000211650
RCRA NonGen / NLR N/A
FINDS

Relative:
Higher

RCRA NonGen / NLR:

Date form received by agency: 04/26/1999
Facility name: RIVER TERRACE APARTMENTS
Facility address: 7700 E JEFFERSON AVE
DETROIT, MI 48214
EPA ID: MID982612178
Contact: DAVID LEADER
Contact address: 7700 E JEFFERSON AVE
DETROIT, MI 48214
Contact country: US
Contact telephone: 313-851-3111
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Actual:
590 ft.

Owner/Operator Summary:

Owner/operator name: NAME NOT REPORTED
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Owner/operator name: RIVER TERRACE ASSOC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RIVER TERRACE APARTMENTS (Continued)

1000211650

Owner/Operator Type: Owner
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Historical Generators:

Date form received by agency: 10/31/1988
Site name: RIVER TERRACE APARTMENTS
Classification: Not a generator, verified

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Date form received by agency: 01/01/1980
Site name: RIVER TERRACE APARTMENTS
Classification: Not a generator, verified

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RIVER TERRACE APARTMENTS (Continued)

1000211650

Violation Status: No violations found
FINDS:

Registry ID: 110003630571

Environmental Interest/Information System
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ECHO:
Envid: 1000211650
Registry ID: 110003630571
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110003630571>

D12
West
< 1/8
0.083 mi.
436 ft.

MARINE CORPS RESERVE CENTER - DETROIT
7600 E. JEFFERSON AVE.
DETROIT, MI

SEMS 1012209897
N/A

Site 2 of 7 in cluster D

Relative:
Higher
Actual:
596 ft.

SEMS:
Site ID: 510367
EPA ID: MIN000510367
Cong District: 13
FIPS Code: 26163
Latitude: 42.349069999999998
Longitude: -82.998469999999998
FF: Y
NPL: Not on the NPL
Non NPL Status: Fed Fac Preliminary Assessment Review Ongoing

SEMS Detail:
Region: 5
Site ID: 510367
EPA ID: MIN000510367
Site Name: MARINE CORPS RESERVE CENTER - DETROIT
NPL: N
FF: Y
OU: 0
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1998-11-23 00:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 5
Site ID: 510367
EPA ID: MIN000510367
Site Name: MARINE CORPS RESERVE CENTER - DETROIT
NPL: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS RESERVE CENTER - DETROIT (Continued)

1012209897

FF: Y
OU: 0
Action Code: RX
Action Name: FF PA
SEQ: 1
Start Date: 2009-11-16 00:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

D13
West
< 1/8
0.083 mi.
436 ft.

DETROIT MARINE CORPS RESERVE CTR
7600 E JEFFERSON AVE
DETROIT, MI 48214

Site 3 of 7 in cluster D

UST U003330392
LUST N/A
WDS
INVENTORY

Relative:
Higher
Actual:
596 ft.

LUST:
Facility ID: 00039238
Source: STATE OF MICHIGAN
Owner Name: U S Army Corps of Engineers
Owner Address: 477 Michigan Ave Po Box 1027
Owner City,St,Zip: Detroit, MI 48226-1027
Owner Contact: Lt Colonel William J Leady PE
Owner Phone: (313) 226-2430
Country: USA
District: Southeast MI
Site Name: Detroit Marine Corps Reserve Ctr
Latitude: 42.34907
Longitude: -82.99843
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)

Leak Number: C-1012-96
Release Date: 12/03/1996
Substance Released: Unknown
Release Status: Open
Release Closed Date: Not reported

UST:
Facility Type: CLOSED
Facility ID: 00039238
Facility Region: 1
Owner Name: U S ARMY CORPS OF ENGINEERS
Owner Address: 477 MICHIGAN AVE PO BOX 1027
Owner City: DETROIT
Owner State: MI
Owner Zip: 48214-3706
Owner Contact: Not reported
Owner Phone: 3132262430
Contact: LT COL EDWARD
Contact Phone: (313) 224-3554
Date of Collection: 01/11/2001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DETROIT MARINE CORPS RESERVE CTR (Continued)

U003330392

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: 5000
Tank Status: Removed from Ground
Substance: Gasoline
Install Date: Not reported
Remove Date: 12/06/1996
Tank Number: UTK-081512-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Tank Construction: Asphalt Coated or Bare Steel
Impressed Device: Not reported
Latitude: 42.34907
Longitude: -82.99843

Facility Type: CLOSED
Facility ID: 00039238
Facility Region: 1
Owner Name: U S ARMY CORPS OF ENGINEERS
Owner Address: 477 MICHIGAN AVE PO BOX 1027
Owner City: DETROIT
Owner State: MI
Owner Zip: 48214-3706
Owner Contact: Not reported
Owner Phone: 3132262430
Contact: LT COL EDWARD
Contact Phone: (313) 224-3554
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: 3000
Tank Status: Removed from Ground
Substance: Gasoline
Install Date: Not reported
Remove Date: 12/07/1996
Tank Number: UTK-004601-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Bare Steel,Unknown

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DETROIT MARINE CORPS RESERVE CTR (Continued)

U003330392

Piping Type: Not reported
Tank Construction: Asphalt Coated or Bare Steel
Impressed Device: Not reported
Latitude: 42.34907
Longitude: -82.99843

INVENTORY:

Bea Number: Not reported
Township: Not reported
District: Southeast MI
Data Source: Part 213
Latitude: 42.34908
Longitude: -82.99843

WDS:

Site Id: MIR000016741
WMD Id: 410890
Site Specific Name: BRODHEAD NAVAL RESERVE CENTER
Mailing Address: 7600 E JEFFERSON
Mailing City/State/Zip: 48214
Mailing County: WAYNE

D14
West
< 1/8
0.083 mi.
436 ft.

US DEPT/DEFENSE
7600 E JEFFERSON
DETROIT, MI 48214
Site 4 of 7 in cluster D

FINDS 1004724865
RCRA-CESQG N/A
DOCKET HWC
ECHO

Relative:
Higher
Actual:
596 ft.

RCRA-CESQG:
Date form received by agency: 06/22/2004
Facility name: US DEPT/DEFENSE
Facility address: 7600 E JEFFERSON
DETROIT, MI 48214
EPA ID: MIR000016741
Contact: RODNEY HARRIS
Contact address: 7600 E JEFFERSON
DETROIT, MI 48214
Contact country: US
Contact telephone: 313-824-3553
Contact email: Not reported
EPA Region: 05
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

US DEPT/DEFENSE (Continued)

1004724865

Owner/Operator Summary:

Owner/operator name: US DEPT/DEFENSE-MARINES (MIR000016741)
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Federal
Owner/Operator Type: Operator
Owner/Op start date: 07/26/1996
Owner/Op end date: Not reported

Owner/operator name: US DEPT/DEFENSE-MARINES (MIR000016741)
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Federal
Owner/Operator Type: Owner
Owner/Op start date: 07/26/1996
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001

. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Historical Generators:

Date form received by agency: 03/01/2004
Site name: BROADHEAD NAVAL RESERVE CENTER

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

US DEPT/DEFENSE (Continued)

1004724865

Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/22/2003

Site name: US DEPT/DEFENSE

Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D001

. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Date form received by agency: 12/02/2003

Site name: US DEPT/DEFENSE

Classification: Large Quantity Generator

. Waste code: D001

. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Date form received by agency: 07/26/1996

Site name: US DEPT/DEFENSE

Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D001

. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110064795921

Environmental Interest/Information System

FEDERAL FACILITY HAZARDOUS WASTE DOCKET

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.

SUPERFUND (NON-NPL)

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

US DEPT/DEFENSE (Continued)

1004724865

HAZARDOUS WASTE BIENNIAL REPORTER

ECHO:

Envid: 1004724865
 Registry ID: 110064795921
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110064795921>

DOCKET HWC:

Agency: NAVY
 Facility ID: MIN000510367
 Reporting Mechanism: RCRA 3010
 Status: On MDL

D15
West
< 1/8
0.085 mi.
451 ft.

MULTIPLE MOTOR SERVICE
7604 JEFFERSON AVE E
DETROIT, MI

EDR Hist Auto

1009494924
N/A

Site 5 of 7 in cluster D

Relative:
Higher

EDR Hist Auto:

Actual:
596 ft.

Year: 1921; Name: / Type: MULTIPLE MOTOR SERVICE / AUTOMOBILE REPAIRERS

E16
NE
< 1/8
0.087 mi.
457 ft.

UAW INTL
8000 E JEFFERSON AVE
DETROIT, MI 48214

RCRA-CESQG
FINDS
ECHO

1004723374
N/A

Site 1 of 2 in cluster E

Relative:
Lower

RCRA-CESQG:

Date form received by agency: 04/12/1991
 Facility name: UAW INTL
 Facility address: 8000 E JEFFERSON AVE
 DETROIT, MI 48214
 EPA ID: MID985611938
 Contact: BOB MCLAREN
 Contact address: 8000 E JEFFERSON AVE
 DETROIT, MI 48214
 Contact country: US
 Contact telephone: 313-926-5280
 Contact email: Not reported
 EPA Region: 05
 Classification: Conditionally Exempt Small Quantity Generator
 Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UAW INTL (Continued)

1004723374

time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: UAW INTL
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Owner/operator name: UAW INTL
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001

. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UAW INTL (Continued)

1004723374

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110003656767

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.

ECHO:
Envid: 1004723374
Registry ID: 110003656767
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110003656767>

D17
West
< 1/8
0.088 mi.
463 ft.

NALCO CHEMICAL CO
7733 E JEFFERSON AVE
DETROIT, MI 48214
Site 6 of 7 in cluster D

ECHO 1001404919
RCRA NonGen / NLR N/A
FINDS

Relative:
Higher
Actual:
596 ft.

RCRA NonGen / NLR:
Date form received by agency: 10/08/2002
Facility name: NALCO CHEMICAL CO
Facility address: 7733 E JEFFERSON AVE
DETROIT, MI 48214
EPA ID: MIR000037226
Mailing address: ONE NALCO CENTER
NAPERVILLE, IL 60563
Contact: DON SEEM
Contact address: 7733 E JEFFERSON AVE
DETROIT, MI 48214
Contact country: US
Contact telephone: 314-272-3303
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: NALCO CHEMICAL CO
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NALCO CHEMICAL CO (Continued)

1001404919

Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Owner/operator name: DETROIT RIVERVIEW HOSPITAL (PROP OWNER)
Owner/operator address: Not reported
Not reported

Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported

Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Owner/operator name: DETROIT RIVERVIEW HOSPITAL (PROP OWNER)
Owner/operator address: Not reported
Not reported

Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported

Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Owner/operator name: NALCO CHEMICAL CO
Owner/operator address: Not reported
Not reported

Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported

Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NALCO CHEMICAL CO (Continued)

1001404919

Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Historical Generators:

Date form received by agency: 12/31/2001
Site name: NALCO CHEMICAL CO
Classification: Not a generator, verified

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Date form received by agency: 01/20/1999
Site name: NALCO CHEMICAL CO
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110003708676

Environmental Interest/Information System

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ECHO:

Envid: 1001404919
Registry ID: 110003708676
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110003708676>

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

D18
West
< 1/8
0.088 mi.
463 ft.

RIVERVIEW HEALTH & REHAB CENTER
7733 E JEFFERSON AVE
DETROIT, MI 48214

UST **U003319921**
N/A

Site 7 of 7 in cluster D

Relative:
Higher
Actual:
596 ft.

UST:

Facility Type: ACTIVE
 Facility ID: 00003040
 Facility Region: 1
 Owner Name: DRSN REAL ESTATE LLC
 Owner Address: 31100 TELEGRAPH RD STE 250
 Owner City: BINGHAM FARMS
 Owner State: MI
 Owner Zip: 48214
 Owner Contact: Not reported
 Owner Phone: 2485939901
 Contact: Rick Debolt
 Contact Phone: (313) 432-1410
 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: Diesel
 Install Date: 05/13/1985
 Remove Date: Not reported
 Tank Number: UTK-070392-15
 Tank Details Compartments: Not reported
 Tank Release Detection: Automatic Tank Gauging,Inventory Control,Tank Tightness Testing
 Pipe Release Detection: Automatic Line Leak Detectors,Line Tightness Testing,Other
 Piping Material: Double Walled,Flexible Piping,Galvanized Steel
 Piping Type: Suction:Valve at Tank
 Tank Construction: Cathodically Protected Steel,Other
 Impressed Device: Not reported
 Latitude: 42.34995
 Longitude: -82.99767

Facility Type: ACTIVE
 Facility ID: 00003040
 Facility Region: 1
 Owner Name: DRSN REAL ESTATE LLC
 Owner Address: 31100 TELEGRAPH RD STE 250
 Owner City: BINGHAM FARMS
 Owner State: MI
 Owner Zip: 48214
 Owner Contact: Not reported
 Owner Phone: 2485939901
 Contact: Rick Debolt
 Contact Phone: (313) 432-1410
 Date of Collection: 01/11/2001
 Accuracy: 100

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

RIVERVIEW HEALTH & REHAB CENTER (Continued)

U003319921

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: Diesel
 Install Date: 05/13/1985
 Remove Date: Not reported
 Tank Number: UTK-070388-15
 Tank Details Compartments: Not reported
 Tank Release Detection: Automatic Tank Gauging, Inventory Control, Tank Tightness Testing
 Pipe Release Detection: Automatic Line Leak Detectors, Line Tightness Testing, Other
 Piping Material: Double Walled, Flexible Piping, Galvanized Steel
 Piping Type: Suction: Valve at Tank
 Tank Construction: Cathodically Protected Steel, Other
 Impressed Device: Not reported
 Latitude: 42.34995
 Longitude: -82.99767

**E19
 NE
 < 1/8
 0.112 mi.
 594 ft.**

**COLONIAL LAUNDRY CO BR
 8100 E JEFF AVE
 DETROIT, MI**

**EDR Hist Cleaner 1009483071
 N/A**

Site 2 of 2 in cluster E

**Relative:
 Lower**

EDR Hist Cleaner:

**Actual:
 580 ft.**

Year: Name: / Type:
 1926: ALDEN PARK CLEANERS AND DYERS B / CLEANERS AND DYERS
 1935: COLONIAL LAUNDRY CO BR / LAUNDRIES-STEAM
 1935: FOREST CLEANERS AND DYERS / CLOTHES PRESSERS AND CLEANERS
 1940: COLONIAL LAUNDRY CO INC / LAUNDRIES-STEAM

**20
 NNE
 < 1/8
 0.122 mi.
 642 ft.**

**VARA S VALET CLEANERS
 8104 E JEFFERSON AVE
 DETROIT, MI 48214**

**EDR Hist Cleaner 1020113270
 N/A**

**Relative:
 Higher**

EDR Hist Cleaner:

**Actual:
 595 ft.**

Year: Name: / Type:
 1991: VARA S VALET CLEANERS / Drycleaning Plants, Except Rugs, NEC
 1992: VARA S VALET CLEANERS / Drycleaning Plants, Except Rugs, NEC
 1993: VARA S VALET CLEANERS / Drycleaning Plants, Except Rugs, NEC
 1994: VARA S VALET CLEANERS / Drycleaning Plants, Except Rugs, NEC
 1995: VARA S VALET CLEANERS / Drycleaning Plants, Except Rugs, NEC
 1996: VARA S VALET CLEANERS / Drycleaning Plants, Except Rugs, NEC
 1997: VARA S VALET CLEANERS / Drycleaning Plants, Except Rugs, NEC
 1998: VARA S VALET CLEANERS / Drycleaning Plants, Except Rugs, NEC
 1999: VARA S VALET CLEANERS / Drycleaning Plants, Except Rugs, NEC

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

VARA S VALET CLEANERS (Continued)

1020113270

2000: VARA S VALET CLEANERS / Drycleaning Plants, Except Rugs, NEC

F21	BRODHEAD ARMORY	BROWNFIELDS	S110532021
West	7600 EAST JEFFERSON		N/A
1/8-1/4	DETROIT, MI		
0.130 mi.			
689 ft.	Site 1 of 2 in cluster F		

Relative: BROWNFIELDS:
Higher Facility ID: 00039238
 Region: 1
Actual: Status: Not reported
595 ft. Property Use: Not reported
Client Plot BEA: No
 Ernie Id Number: Not reported

22	DETROIT MARINE TERMINAL	INVENTORY	S114030911
NE	DETROIT/WAYNE COUNTY PORT AUTHORITY 8109 EAST JEFFERSON AVEN		N/A
1/8-1/4	DETROIT, MI 48214		
0.133 mi.			
704 ft.			

Relative: INVENTORY:
Higher Bea Number: Not reported
 Township: Detroit
Actual: District: Southeast MI
592 ft. Data Source: Part 201
 Latitude: 42.35162
 Longitude: -82.99289

F23	RIVERVIEW VASCULAR ACCESS CENTER	FINDS	1014924165
West	7633 E JEFFERSON AVE	RCRA-CESQG	N/A
1/8-1/4	DETROIT, MI 48214	ECHO	
0.149 mi.			
786 ft.	Site 2 of 2 in cluster F		

Relative: RCRA-CESQG:
Higher Date form received by agency: 11/17/2011
Actual: Facility name: RIVERVIEW VASCULAR ACCESS CENTER
595 ft. Facility address: 7633 E JEFFERSON AVE
 SUITE 330
 DETROIT, MI 48214
 EPA ID: MIK144480393
 Contact: KIM PAWLUSIAK
 Contact address: Not reported
 Not reported
 Contact country: US
 Contact telephone: 313-823-5338
 Contact email: KIM.PAWLUSIAK@RMSLIFELINE.COM
 EPA Region: 05
 Classification: Conditionally Exempt Small Quantity Generator
 Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RIVERVIEW VASCULAR ACCESS CENTER (Continued)

1014924165

waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: RIVERVIEW VASCULAR ACCESS CENTER
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 10/01/2006
Owner/Op end date: Not reported

Owner/operator name: RIVERVIEW VASCULAR ACCESS CENTER
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 10/01/2006
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

RIVERVIEW VASCULAR ACCESS CENTER (Continued)

1014924165

Universal Waste Summary:

Waste type: Pesticides
 Accumulated waste on-site: Yes
 Generated waste on-site: Yes

. Waste code: D001
 . Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110044810372

Environmental Interest/Information System

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ECHO:

Envid: 1014924165
 Registry ID: 110044810372
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110044810372>

G24
NNE
1/8-1/4
0.184 mi.
970 ft.

8143 E. JEFFERSON AVENUE
8143 E. JEFFERSON AVENUE
, MI 48214

INVENTORY S114030755
N/A

Site 1 of 2 in cluster G

Relative: INVENTORY:
Higher Bea Number: 200302013LV
 Township: Detroit
Actual: District: Southeast MI
597 ft. Data Source: BEA
 Latitude: Not reported
 Longitude: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

G25
NNE
1/8-1/4
0.184 mi.
970 ft.

8143 E. JEFFERSON AVENUE
8143 E. JEFFERSON AVENUE
DETROIT, MI 48214

BEA **S105966668**
N/A

Site 2 of 2 in cluster G

Relative:
Higher
Actual:
597 ft.

BEA:
 Secondary Address: Not reported
 BEA Number: 2013
 District: Southeast MI
 Date Received: 05/14/2003
 Submitter Name: Lutheran Social Services of Michigan
 Petition Determination: Affirmed
 Petition Disclosure: 1
 Category: No Hazardous Substance(s)
 Determination 20107A: Affirmed
 Reviewer: novake
 Division Assigned: Environmental Response Division

26
WSW
1/8-1/4
0.187 mi.
988 ft.

SHERIDAN PLACE II
7601 E JEFFERSON AVE
DETROIT, MI 48214

UST **U000268834**
LUST **N/A**
WDS
INVENTORY

Relative:
Higher
Actual:
595 ft.

LUST:
 Facility ID: 00034190
 Source: STATE OF MICHIGAN
 Owner Name: Detroit Housing Commission
 Owner Address: 1301 E Jefferson
 Owner City,St,Zip: Detroit, MI 48207
 Owner Contact: Not reported
 Owner Phone: (313) 224-6500
 Country: USA
 District: Southeast MI
 Site Name: Sheridan Place
 Latitude: 42.34927
 Longitude: -82.99868
 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)

Leak Number: C-0783-85
 Release Date: 04/19/1990
 Substance Released: Not reported
 Release Status: Closed
 Release Closed Date: 11/12/2015

UST:
 Facility Type: CLOSED
 Facility ID: 00034190
 Facility Region: 1
 Owner Name: DETROIT HOUSING COMMISSION
 Owner Address: 1301 E JEFFERSON
 Owner City: DETROIT
 Owner State: MI

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHERIDAN PLACE II (Continued)

U000268834

Owner Zip: 48214
Owner Contact: Not reported
Owner Phone: 3132246500
Contact: De'Onna Henderson
Contact Phone: (313) 877-8821
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: Not reported
Tank Status: Removed from Ground
Substance: Diesel
Install Date: Not reported
Remove Date: 08/22/2014
Tank Number: UTK-065953-15
Tank Details Compartments: Not reported
Tank Release Detection: Groundwater Monitoring,Manual (Static) Tank Gauging,Tank Tightness Testing
Pipe Release Detection: Other
Piping Material: Copper
Piping Type: Not reported
Tank Construction: Asphalt Coated or Bare Steel,Other
Impressed Device: Not reported
Latitude: 42.34927
Longitude: -82.99868

INVENTORY:

Bea Number: Not reported
Township: Not reported
District: Southeast MI
Data Source: Part 213
Latitude: 42.34928
Longitude: -82.99868

WDS:

Site Id: MIG000024386
WMD Id: 450973
Site Specific Name: SHERATON PLACE APARTMENTS
Mailing Address: 7601 E JEFFERSON AVE
Mailing City/State/Zip: 48214
Mailing County: WAYNE

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

H27
ENE
1/8-1/4
0.214 mi.
1131 ft.

POAH BELLE MAISON LLC
8330 E. JEFFERSON AVENUE
DETROIT, MI 48214

Site 1 of 5 in cluster H

BEA S105768689
N/A

Relative: BEA:
Lower Secondary Address: Not reported
 BEA Number: 1845
Actual: District: Southeast MI
578 ft. Date Received: 10/24/2002
 Submitter Name: POAH Belle Maison LLC
 Petition Determination: Affirmed
 Petition Disclosure: 1
 Category: No Hazardous Substance(s)
 Determination 20107A: No Request
 Reviewer: novake
 Division Assigned: Environmental Response Division

H28
ENE
1/8-1/4
0.214 mi.
1131 ft.

8330 EAST JEFFERSON AVENUE
DETROIT, MI 48214

Site 2 of 5 in cluster H

BEA S105768691
N/A

Relative: BEA:
Lower Secondary Address: Not reported
 BEA Number: 1947
Actual: District: Southeast MI
578 ft. Date Received: 02/18/2003
 Submitter Name: JEFFERSON MAISON EAST LIMITED
 Petition Determination: Pending
 Petition Disclosure: 1
 Category: No Hazardous Substance(s)
 Determination 20107A: Pending
 Reviewer: novake
 Division Assigned: Environmental Response Division

Secondary Address: Not reported
 BEA Number: 1898
 District: Southeast MI
 Date Received: 12/12/2002
 Submitter Name: Jefferson Maison East Limited
 Petition Determination: No Request
 Petition Disclosure: 0
 Category: No Hazardous Substance(s)
 Determination 20107A: No Request
 Reviewer: novake
 Division Assigned: Environmental Response Division

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

H29
ENE
1/8-1/4
0.214 mi.
1131 ft.

POAH BELLE MAISON LLC
8330 E. JEFFERSON AVENUE
, MI 48214

INVENTORY **S114037750**
N/A

Site 3 of 5 in cluster H

Relative:
Lower
Actual:
578 ft.

INVENTORY:
Bea Number: 200201898LV
Township: Detroit
District: Southeast MI
Data Source: BEA
Latitude: Not reported
Longitude: Not reported

Bea Number: 200201845LV
Township: Detroit
District: Southeast MI
Data Source: BEA
Latitude: Not reported
Longitude: Not reported

I30
NNW
1/8-1/4
0.247 mi.
1303 ft.

VILLAGE PARK / MHT LDHA LLC
1070 SHIPHERD ST
DETROIT, MI 48214

RCRA NonGen / NLR **1015744051**
N/A

Site 1 of 4 in cluster I

Relative:
Higher
Actual:
599 ft.

RCRA NonGen / NLR:
Date form received by agency: 10/15/2012
Facility name: VILLAGE PARK / MHT LDHA LLC
Facility address: 1070 SHIPHERD ST
DETROIT, MI 48214
EPA ID: MIK401811272
Mailing address: 32600 TELEGRAPH RD
SUITE 102
BINGHAM FARMS, MI 48025
Contact: CHAD S JOSEPH
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 248-833-0550
Telephone ext.: 553
Contact email: CHAD @MHTHOUSING.NET
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: CHAD JOSEPH /MHT LDHA LLC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 03/01/2012

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VILLAGE PARK / MHT LDHA LLC (Continued)

1015744051

Owner/Op end date: Not reported
Owner/operator name: CHAD JOSEPH /MHT LDHA LLC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 03/01/2012
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

H31
NE
1/8-1/4
0.247 mi.
1306 ft.

8344 EAST JEFFERSON LLC
8344 EAST JEFFERSON AVENUE
DETROIT, MI 48208
Site 4 of 5 in cluster H

BEA S106802587
N/A

Relative:
Higher
Actual:
582 ft.

BEA:
Secondary Address: Not reported
BEA Number: 2669
District: Southeast MI
Date Received: 02/02/2005
Submitter Name: 8344 East Jefferson LLC
Petition Determination: No Request
Petition Disclosure: 0
Category: No Hazardous Substance(s)

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

8344 EAST JEFFERSON LLC (Continued)

S106802587

Determination 20107A: No Request
 Reviewer: novake
 Division Assigned: Environmental Response Division

H32
NE
1/8-1/4
0.247 mi.
1306 ft.

8344 EAST JEFFERSON LLC
8344 EAST JEFFERSON AVENUE
, MI 48208

INVENTORY S114031940
N/A

Site 5 of 5 in cluster H

Relative:
Higher
Actual:
582 ft.

INVENTORY:
 Bea Number: 200502669LV
 Township: Detroit
 District: Southeast MI
 Data Source: BEA
 Latitude: Not reported
 Longitude: Not reported

I33
NNW
1/4-1/2
0.266 mi.
1405 ft.

VILLAGE PARK
7930 AGNES AND 1070 & 1090 SHIPHERD
DETROIT, MI 48214

BEA S110483099
N/A

Site 2 of 4 in cluster I

Relative:
Higher
Actual:
599 ft.
Client Plot

BEA:
 Secondary Address: Not reported
 BEA Number: 4531
 District: Southeast MI
 Date Received: 08/16/2010
 Submitter Name: Village Park/MHT LDHA, LLC
 Petition Determination: Affirmed
 Petition Disclosure: 1
 Category: No Hazardous Substance(s)
 Determination 20107A: Affirmed
 Reviewer: schlaufj
 Division Assigned: Storage Tank Division

I34
NNW
1/4-1/2
0.266 mi.
1405 ft.

7930 AGNES
7930 AGNES
DETROIT, MI 48214

AUL S110625162
WDS N/A

Site 3 of 4 in cluster I

Relative:
Higher
Actual:
599 ft.
Client Plot

AUL:
 Status: Pending
 Site Name: Not reported
 Property: on-site
 Land Use Restriction Type: RC
 Program Type: Part 213
 Program Support Assigned User: Not reported
 Program Support Assigned Date: Not reported
 Legal Description Of Property: Not reported
 Based On The Deq Ref #: 11121315101
 MDEQ Reference Number: RC-RRD-213-15-101
 Property Or Description Restricted Area: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7930 AGNES (Continued)

S110625162

Lead Division: RRD
File Name Of Hyperlinked Legal Doc: Not reported
Mapped Polygons Area In Acres: Not reported
Mapped Polygons Area In Square Miles: Not reported
Date Data Entry Started: Not reported
Date Data Entry Finished: Not reported
Individual Or Staff Assoc With The Mapping: Not reported
Program Used To Map Restricted Features: Not reported
Date Legal Paperwork Stamped/Filed/Register Of Deeds: Not reported
Commercial I Land Use Restriction: 0
Commercial Ii Land Use Restriction: 0
Commercial Iii Land Use Restriction: 0
Commercial Iv Land Use Restriction: 0
Industrial Land Use Restriction: 0
Residential Land Use Restriction: 0
Recreational Land Use Restriction: 0
Multiple Land-Use Restrictions: 0
Site Specific Restrictions: 0
Groundwater Consumption Restrictions: 0
Groundwater Contact Restrictions: 0
Special Well Construction Requirements: 0
Special Building Restrictions: 0
Excavation And Soil Movement Restrictions: 0
Soil Movement Requirements: 0
There Is A Restriction On All Construction: 0
Monitoring Well Protected, No Tampering Or Removal: 0
There Is An Exposure Barrier In Place: 0
There Is A Health And Safety Plan: 0
There Is A Permanent Marker On The Site: 0
Comment: May 4, 2015 consultant requested DEQ reference #.
Map Comments: Not reported

WDS:

Site Id: MIK153912882
WMD Id: 491903
Site Specific Name: VILLAGE PARK APARTMENTS
Mailing Address: 32600 TELEGRAPH RD
Mailing City/State/Zip: 48025
Mailing County: OAKLAND

35
NNE
1/4-1/2
0.279 mi.
1472 ft.

TOTAL RETAIL STATION 1022
8367 E JEFFERSON AVE
DETROIT, MI 48214

UST U001148550
LUST N/A
WDS

Relative:
Higher
Actual:
596 ft.

LUST:
Facility ID: 00037186
Source: STATE OF MICHIGAN
Owner Name: Total Petro Inc
Owner Address: Po Box 696000
Owner City,St,Zip: San Antonio, TX 78269-6000
Owner Contact: Not reported
Owner Phone: (303) 291-2000
Country: USA
District: Southeast MI
Site Name: Total #1022

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOTAL RETAIL STATION 1022 (Continued)

U001148550

Latitude: 42.35370
Longitude: -82.99195
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)

Leak Number: C-0033-93
Release Date: 01/06/1993
Substance Released: Gasoline
Release Status: Closed
Release Closed Date: 07/31/1996

UST:

Facility Type: CLOSED
Facility ID: 00037186
Facility Region: 1
Owner Name: TOTAL PETRO INC
Owner Address: PO BOX 696000
Owner City: SAN ANTONIO
Owner State: TX
Owner Zip: 48214-2730
Owner Contact: Not reported
Owner Phone: 3032912000
Contact: JAMES CHARLES
Contact Phone: (734) 946-5287
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: 500
Tank Status: Removed from Ground
Substance: Used Oil
Install Date: Not reported
Remove Date: 01/14/1993
Tank Number: UTK-100478-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Unknown
Piping Type: Not reported
Tank Construction: Asphalt Coated or Bare Steel
Impressed Device: Not reported
Latitude: 42.35370
Longitude: -82.99195

Facility Type: CLOSED
Facility ID: 00037186
Facility Region: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOTAL RETAIL STATION 1022 (Continued)

U001148550

Owner Name: TOTAL PETRO INC
Owner Address: PO BOX 696000
Owner City: SAN ANTONIO
Owner State: TX
Owner Zip: 48214-2730
Owner Contact: Not reported
Owner Phone: 3032912000
Contact: JAMES CHARLES
Contact Phone: (734) 946-5287
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: 6000
Tank Status: Removed from Ground
Substance: Gasoline
Install Date: Not reported
Remove Date: 01/14/1993
Tank Number: UTK-048854-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Suction:Valve at Tank
Tank Construction: Asphalt Coated or Bare Steel
Impressed Device: Not reported
Latitude: 42.35370
Longitude: -82.99195

Facility Type: CLOSED
Facility ID: 00037186
Facility Region: 1
Owner Name: TOTAL PETRO INC
Owner Address: PO BOX 696000
Owner City: SAN ANTONIO
Owner State: TX
Owner Zip: 48214-2730
Owner Contact: Not reported
Owner Phone: 3032912000
Contact: JAMES CHARLES
Contact Phone: (734) 946-5287
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOTAL RETAIL STATION 1022 (Continued)

U001148550

Capacity: 6000
Tank Status: Removed from Ground
Substance: Gasoline
Install Date: Not reported
Remove Date: 01/14/1993
Tank Number: UTK-100468-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Suction:Valve at Tank
Tank Construction: Asphalt Coated or Bare Steel
Impressed Device: Not reported
Latitude: 42.35370
Longitude: -82.99195

Facility Type: CLOSED
Facility ID: 00037186
Facility Region: 1
Owner Name: TOTAL PETRO INC
Owner Address: PO BOX 696000
Owner City: SAN ANTONIO
Owner State: TX
Owner Zip: 48214-2730
Owner Contact: Not reported
Owner Phone: 3032912000
Contact: JAMES CHARLES
Contact Phone: (734) 946-5287
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: 6000
Tank Status: Removed from Ground
Substance: Gasoline
Install Date: Not reported
Remove Date: 01/14/1993
Tank Number: UTK-048853-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Suction:Valve at Tank
Tank Construction: Asphalt Coated or Bare Steel
Impressed Device: Not reported
Latitude: 42.35370
Longitude: -82.99195

WDS:

Site Id: MIG000034591
WMD Id: 446165

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOTAL RETAIL STATION 1022 (Continued)

U001148550

Site Specific Name: TOTAL PETROLEUM CO
Mailing Address: 8367 E JEFFERSON AVE
Mailing City/State/Zip: 48214
Mailing County: WAYNE

**I36
NNW
1/4-1/2
0.288 mi.
1523 ft.**

**7030 AGNES
7930 AGNES ST
DETROIT, MI 48214**

Site 4 of 4 in cluster I

**UST U004193806
LUST N/A**

**Relative:
Higher
Actual:
599 ft.**

LUST:
Facility ID: 00042421
Source: STATE OF MICHIGAN
Owner Name: Village Park/MHT LDHA LLC
Owner Address: 32600 Telegraph Rd Suite 102
Owner City,St,Zip: Bingham Farms, MI 48025
Owner Contact: Not reported
Owner Phone: (248) 833-0550
Country: USA
District: Southeast MI
Site Name: Village Park Apartments
Latitude: 42.35443
Longitude: -82.99815
Date of Collection: 03/19/2014
Method of Collection: Interpolation-Photo
Accuracy: 10
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

Leak Number: C-0123-10
Release Date: 07/19/2010
Substance Released: Gasoline
Release Status: Closed
Release Closed Date: 01/07/2016

UST:
Facility Type: CLOSED
Facility ID: 00042421
Facility Region: 1
Owner Name: VILLAGE PARK/MHT LDHA LLC
Owner Address: 32600 TELEGRAPH RD SUITE 102
Owner City: BINGHAM FARMS
Owner State: MI
Owner Zip: 48214
Owner Contact: Not reported
Owner Phone: 2488330550
Contact: Chad Joseph
Contact Phone: (248) 833-0550
Date of Collection: 03/19/2014
Accuracy: 10
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7030 AGNES (Continued)

U004193806

Method of Collection: Interpolation-Photo
District: Region 1 - SE Michigan District Office
Tank ID: 1
Capacity: 1000
Tank Status: Removed from Ground
Substance: Gasoline
Install Date: Not reported
Remove Date: 12/12/2012
Tank Number: UTK-137471-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Other
Piping Material: Unknown
Piping Type: Not reported
Tank Construction: Other,Unknown
Impressed Device: Not reported
Latitude: 42.35443
Longitude: -82.99815

37
WSW
1/4-1/2
0.306 mi.
1618 ft.

M & K FOOD MART
7255 E JEFFERSON AVE
DETROIT, MI 48214

UST
Financial Assurance
LUST
WDS

U003320692
N/A

Relative:
Higher
Actual:
596 ft.

LUST:
Facility ID: 00005834
Source: STATE OF MICHIGAN
Owner Name: Taleb & Abdallah Holdings LLC
Owner Address: 15111 W Warren Ave
Owner City,St,Zip: Dearborn, MI 48126
Owner Contact: Marwan Taleb
Owner Phone: (313) 581-2500
Country: USA
District: Southeast MI
Site Name: Amoco #0128
Latitude: 42.34755
Longitude: -83.00138
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)

Leak Number: C-0327-89
Release Date: 07/17/1989
Substance Released: Not reported
Release Status: Closed
Release Closed Date: 11/27/1997

UST:
Facility Type: ACTIVE
Facility ID: 00005834
Facility Region: 1
Owner Name: TALEB & ABDALLAH HOLDINGS LLC
Owner Address: 15111 W WARREN AVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

M & K FOOD MART (Continued)

U003320692

Owner City: DEARBORN
Owner State: MI
Owner Zip: 48214-2307
Owner Contact: Not reported
Owner Phone: 3135812500
Contact: Marwan Taleb
Contact Phone: (313) 350-6710
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: 7
Capacity: 15000
Tank Status: Currently In Use
Substance: Gasoline
Install Date: 03/10/2000
Remove Date: Not reported
Tank Number: UTK-100934-15
Tank Details Compartments: Not reported
Tank Release Detection: Automatic Tank Gauging,Interstitial Monitoring Double Walled Tank/Piping,Inventory Control
Pipe Release Detection: Automatic Line Leak Detectors,Interstitial Monitoring Double Walled Piping,Other
Piping Material: Double Walled
Piping Type: Pressure (Remote)
Tank Construction: Composite (Steel With Fiberglass),Double Walled,Other
Impressed Device: Not reported
Latitude: 42.34755
Longitude: -83.00138

Facility Type: ACTIVE
Facility ID: 00005834
Facility Region: 1
Owner Name: TALEB & ABDALLAH HOLDINGS LLC
Owner Address: 15111 W WARREN AVE
Owner City: DEARBORN
Owner State: MI
Owner Zip: 48214-2307
Owner Contact: Not reported
Owner Phone: 3135812500
Contact: Marwan Taleb
Contact Phone: (313) 350-6710
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: 6
Capacity: 20000
Tank Status: Currently In Use

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

M & K FOOD MART (Continued)

U003320692

Substance: Diesel,Gasoline,Kerosene
Install Date: 03/10/2000
Remove Date: Not reported
Tank Number: UTK-100929-15
Tank Details Compartments: Not reported
Tank Release Detection: Automatic Tank Gauging,Interstitial Monitoring Double Walled Tank/Piping,Inventory Control
Pipe Release Detection: Interstitial Monitoring Double Walled Piping,Other
Piping Material: Double Walled
Piping Type: Pressure (Remote)
Tank Construction: Composite (Steel With Fiberglass),Double Walled,Other
Impressed Device: Not reported
Latitude: 42.34755
Longitude: -83.00138

Facility Type: ACTIVE
Facility ID: 00005834
Facility Region: 1
Owner Name: TALEB & ABDALLAH HOLDINGS LLC
Owner Address: 15111 W WARREN AVE
Owner City: DEARBORN
Owner State: MI
Owner Zip: 48214-2307
Owner Contact: Not reported
Owner Phone: 3135812500
Contact: Marwan Taleb
Contact Phone: (313) 350-6710
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: 5
Capacity: 550
Tank Status: Removed from Ground
Substance: Used Oil
Install Date: 04/28/1970
Remove Date: 08/28/1989
Tank Number: UTK-017792-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Tank Construction: Asphalt Coated or Bare Steel
Impressed Device: Not reported
Latitude: 42.34755
Longitude: -83.00138

Facility Type: ACTIVE
Facility ID: 00005834
Facility Region: 1
Owner Name: TALEB & ABDALLAH HOLDINGS LLC
Owner Address: 15111 W WARREN AVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

M & K FOOD MART (Continued)

U003320692

Owner City: DEARBORN
Owner State: MI
Owner Zip: 48214-2307
Owner Contact: Not reported
Owner Phone: 3135812500
Contact: Marwan Taleb
Contact Phone: (313) 350-6710
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: 8000
Tank Status: Removed from Ground
Substance: Gasoline
Install Date: 04/28/1970
Remove Date: 08/28/1989
Tank Number: UTK-100920-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Tank Construction: Asphalt Coated or Bare Steel
Impressed Device: Not reported
Latitude: 42.34755
Longitude: -83.00138

Facility Type: ACTIVE
Facility ID: 00005834
Facility Region: 1
Owner Name: TALEB & ABDALLAH HOLDINGS LLC
Owner Address: 15111 W WARREN AVE
Owner City: DEARBORN
Owner State: MI
Owner Zip: 48214-2307
Owner Contact: Not reported
Owner Phone: 3135812500
Contact: Marwan Taleb
Contact Phone: (313) 350-6710
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: 10000
Tank Status: Removed from Ground

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

M & K FOOD MART (Continued)

U003320692

Substance: Gasoline
Install Date: 04/28/1970
Remove Date: 08/28/1989
Tank Number: UTK-019557-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Tank Construction: Asphalt Coated or Bare Steel
Impressed Device: Not reported
Latitude: 42.34755
Longitude: -83.00138

Facility Type: ACTIVE
Facility ID: 00005834
Facility Region: 1
Owner Name: TALEB & ABDALLAH HOLDINGS LLC
Owner Address: 15111 W WARREN AVE
Owner City: DEARBORN
Owner State: MI
Owner Zip: 48214-2307
Owner Contact: Not reported
Owner Phone: 3135812500
Contact: Marwan Taleb
Contact Phone: (313) 350-6710
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: 12000
Tank Status: Removed from Ground
Substance: Gasoline
Install Date: 04/28/1970
Remove Date: 08/28/1989
Tank Number: UTK-100915-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Tank Construction: Asphalt Coated or Bare Steel
Impressed Device: Not reported
Latitude: 42.34755
Longitude: -83.00138

Facility Type: ACTIVE
Facility ID: 00005834
Facility Region: 1
Owner Name: TALEB & ABDALLAH HOLDINGS LLC
Owner Address: 15111 W WARREN AVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

M & K FOOD MART (Continued)

U003320692

Owner City: DEARBORN
Owner State: MI
Owner Zip: 48214-2307
Owner Contact: Not reported
Owner Phone: 3135812500
Contact: Marwan Taleb
Contact Phone: (313) 350-6710
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: 12000
Tank Status: Removed from Ground
Substance: Gasoline
Install Date: 04/28/1970
Remove Date: 08/28/1989
Tank Number: UTK-011737-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Tank Construction: Asphalt Coated or Bare Steel
Impressed Device: Not reported
Latitude: 42.34755
Longitude: -83.00138

WDS:

Site Id: MID985616341
WMD Id: 405520
Site Specific Name: AMOCO OIL CO 0128
Mailing Address: 30230 ORCHARD LAKE RD
Mailing City/State/Zip: 48334
Mailing County: OAKLAND

38
WNW
1/4-1/2
0.308 mi.
1628 ft.

1013 & 1017 SHERIDAN AND
DETROIT, MI

BEA S109416534
N/A

Relative:
Higher
Actual:
599 ft.
Client Plot

BEA:
Secondary Address: 7399 & 7349 E. Lafayette
BEA Number: 1789
District: Southeast MI
Date Received: 08/23/2002
Submitter Name: Messiah Housing Corporation
Petition Determination: No Request
Petition Disclosure: 0
Category: No Hazardous Substance(s)
Determination 20107A: No Request

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

(Continued)

S109416534

Reviewer: novake
 Division Assigned: Environmental Response Division

39
 NNW
 1/4-1/2
 0.312 mi.
 1649 ft.

WEST VILLAGE MANOR
1400-1434 VAN DYKE AND 8001-8031 AGNES
DETROIT, MI 48214

US BROWNFIELDS
FINDS

1016353339
N/A

Relative:
Higher
Actual:
600 ft.

US BROWNFIELDS:
 Property Name: WEST VILLAGE MANOR
 Recipient Name: Detroit/Wayne County Port Authority
 Grant Type: Assessment
 Property Number: 17/9178, 17/9179, 17/9180, 17/9181, 17/9182, 17/9183
 Parcel size: 1.39
 Latitude: 42.355212
 Longitude: -82.997045
 HCM Label: Address Matching-House Number
 Map Scale: Not reported
 Point of Reference: Entrance Point of a Facility or Station
 Highlights: Not reported
 Datum: North American Datum of 1983
 Acres Property ID: 106386
 IC Data Access: Not reported
 Start Date: Not reported
 Redev Completion Date: Not reported
 Completed Date: Not reported
 Acres Cleaned Up: Not reported
 Cleanup Funding: Not reported
 Cleanup Funding Source: Not reported
 Assessment Funding: 11455
 Assessment Funding Source: Private/Other Funding
 Redevelopment Funding: Not reported
 Redev. Funding Source: Not reported
 Redev. Funding Entity Name: Not reported
 Redevelopment Start Date: Not reported
 Assessment Funding Entity: Land, Inc
 Cleanup Funding Entity: Not reported
 Grant Type: Petroleum
 Accomplishment Type: Supplemental Assessment
 Accomplishment Count: 0
 Cooperative Agreement Number: 96550501
 Start Date: 07/21/2009 00:00:00
 Ownership Entity: Private
 Completion Date: 08/10/2009 00:00:00
 Current Owner: LAND ASSEMBLY FOR NEIGHBORHOOD DEVELOPMENT
 Did Owner Change: N
 Cleanup Required: N
 Video Available: N
 Photo Available: Y
 Institutional Controls Required: N
 IC Category Proprietary Controls: Not reported
 IC Cat. Info. Devices: Not reported
 IC Cat. Gov. Controls: Not reported
 IC Cat. Enforcement Permit Tools: Not reported
 IC in place date: Not reported
 IC in place: Not reported
 State/tribal program date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST VILLAGE MANOR (Continued)

1016353339

State/tribal program ID: Not reported
State/tribal NFA date: Not reported
Air contaminated: Not reported
Air cleaned: Not reported
Asbestos found: Not reported
Asbestos cleaned: Not reported
Controlled substance found: Not reported
Controlled substance cleaned: Not reported
Drinking water affected: Not reported
Drinking water cleaned: Not reported
Groundwater affected: Not reported
Groundwater cleaned: Not reported
Lead contaminant found: Not reported
Lead cleaned up: Not reported
No media affected: Y
Unknown media affected: Not reported
Other cleaned up: Not reported
Other metals found: Not reported
Other metals cleaned: Not reported
Other contaminants found: Not reported
Other contams found description: Not reported
PAHs found: Not reported
PAHs cleaned up: Not reported
PCBs found: Not reported
PCBs cleaned up: Not reported
Petro products found: Not reported
Petro products cleaned: Not reported
Sediments found: Not reported
Sediments cleaned: Not reported
Soil affected: Not reported
Soil cleaned up: Not reported
Surface water cleaned: Not reported
VOCs found: Not reported
VOCs cleaned: Not reported
Cleanup other description: Not reported
Num. of cleanup and re-dev. jobs: Not reported
Past use greenspace acreage: Not reported
Past use residential acreage: Not reported
Surface Water: Not reported
Past use commercial acreage: Not reported
Past use industrial acreage: Not reported
Future use greenspace acreage: Not reported
Future use residential acreage: Not reported
Future use commercial acreage: Not reported
Future use industrial acreage: Not reported
Greenspace acreage and type: Not reported
Superfund Fed. landowner flag: Not reported
Arsenic cleaned up: Not reported
Cadmium cleaned up: Not reported
Chromium cleaned up: Not reported
Copper cleaned up: Not reported
Iron cleaned up: Not reported
mercury cleaned up: Not reported
Nickel Cleaned Up: Not reported
No clean up: Not reported
Pesticides cleaned up: Not reported
Selenium cleaned up: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST VILLAGE MANOR (Continued)

1016353339

SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Y
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	The subject property was initially developed with residential dwellings from at least 1885, the earliest readily available historical source. The dwellings on 1400 Van Dyke and 8001-8031 Agnes were demolished between 1919 and 1925 and a commercial building with storefronts and apartment units was constructed on the property in 1925. The dwelling on 1412 Van Dyke Avenue was demolished in 1962, and the dwellings on 1416 through 1424 Van Dyke Avenue were demolished in 1977.
Below Poverty Number:	1764
Below Poverty Percent:	30.4%
Meidan Income:	3504
Meidan Income Number:	3201
Meidan Income Percent:	55.2%
Vacant Housing Number:	1041
Vacant Housing Percent:	23.7%
Unemployed Number:	611
Unemployed Percent:	10.5%
Property Name:	WEST VILLAGE MANOR
Recipient Name:	Detroit/Wayne County Port Authority
Grant Type:	Assessment
Property Number:	17/9178, 17/9179, 17/9180, 17/9181, 17/9182, 17/9183
Parcel size:	1.39
Latitude:	42.355212
Longitude:	-82.997045
HCM Label:	Address Matching-House Number
Map Scale:	Not reported
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Not reported
Datum:	North American Datum of 1983
Acres Property ID:	106386
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST VILLAGE MANOR (Continued)

1016353339

Cleanup Funding: Not reported
Cleanup Funding Source: Not reported
Assessment Funding: 15485
Assessment Funding Source: US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment Funding: Not reported
Redev. Funding Source: Not reported
Redev. Funding Entity Name: Not reported
Redevelopment Start Date: Not reported
Assessment Funding Entity: EPA
Cleanup Funding Entity: Not reported
Grant Type: Petroleum
Accomplishment Type: Phase II Environmental Assessment
Accomplishment Count: 0
Cooperative Agreement Number: 96550501
Start Date: 05/04/2009 00:00:00
Ownership Entity: Private
Completion Date: 06/01/2009 00:00:00
Current Owner: LAND ASSEMBLY FOR NEIGHBORHOOD DEVELOPMENT
Did Owner Change: N
Cleanup Required: N
Video Available: N
Photo Available: Y
Institutional Controls Required: N
IC Category Proprietary Controls: Not reported
IC Cat. Info. Devices: Not reported
IC Cat. Gov. Controls: Not reported
IC Cat. Enforcement Permit Tools: Not reported
IC in place date: Not reported
IC in place: Not reported
State/tribal program date: Not reported
State/tribal program ID: Not reported
State/tribal NFA date: Not reported
Air contaminated: Not reported
Air cleaned: Not reported
Asbestos found: Not reported
Asbestos cleaned: Not reported
Controlled substance found: Not reported
Controlled substance cleaned: Not reported
Drinking water affected: Not reported
Drinking water cleaned: Not reported
Groundwater affected: Not reported
Groundwater cleaned: Not reported
Lead contaminant found: Not reported
Lead cleaned up: Not reported
No media affected: Y
Unknown media affected: Not reported
Other cleaned up: Not reported
Other metals found: Not reported
Other metals cleaned: Not reported
Other contaminants found: Not reported
Other contams found description: Not reported
PAHs found: Not reported
PAHs cleaned up: Not reported
PCBs found: Not reported
PCBs cleaned up: Not reported
Petro products found: Not reported
Petro products cleaned: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST VILLAGE MANOR (Continued)

1016353339

Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Y
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	The subject property was initially developed with residential dwellings from at least 1885, the earliest readily available historical source. The dwellings on 1400 Van Dyke and 8001-8031 Agnes were demolished between 1919 and 1925 and a commercial building with storefronts and apartment units was constructed on the property in 1925. The dwelling on 1412 Van Dyke Avenue was demolished in 1962, and

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST VILLAGE MANOR (Continued)

1016353339

the dwellings on 1416 through 1424 Van Dyke Avenue were demolished in 1977.

Below Poverty Number: 1764
Below Poverty Percent: 30.4%
Meidan Income: 3504
Meidan Income Number: 3201
Meidan Income Percent: 55.2%
Vacant Housing Number: 1041
Vacant Housing Percent: 23.7%
Unemployed Number: 611
Unemployed Percent: 10.5%

Property Name: WEST VILLAGE MANOR
Recipient Name: Detroit/Wayne County Port Authority
Grant Type: Assessment
Property Number: 17/9178, 17/9179, 17/9180, 17/9181, 17/9182, 17/9183
Parcel size: 1.39
Latitude: 42.355212
Longitude: -82.997045
HCM Label: Address Matching-House Number
Map Scale: Not reported
Point of Reference: Entrance Point of a Facility or Station
Highlights: Not reported
Datum: North American Datum of 1983
Acres Property ID: 106386
IC Data Access: Not reported
Start Date: Not reported
Redev Completion Date: Not reported
Completed Date: Not reported
Acres Cleaned Up: Not reported
Cleanup Funding: Not reported
Cleanup Funding Source: Not reported
Assessment Funding: 4600
Assessment Funding Source: US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment Funding: Not reported
Redev. Funding Source: Not reported
Redev. Funding Entity Name: Not reported
Redevelopment Start Date: Not reported
Assessment Funding Entity: EPA
Cleanup Funding Entity: Not reported
Grant Type: Petroleum
Accomplishment Type: Phase I Environmental Assessment
Accomplishment Count: 1
Cooperative Agreement Number: 96550501
Start Date: 01/13/2009 00:00:00
Ownership Entity: Private
Completion Date: 02/23/2009 00:00:00
Current Owner: LAND ASSEMBLY FOR NEIGHBORHOOD DEVELOPMENT
Did Owner Change: N
Cleanup Required: N
Video Available: N
Photo Available: Y
Institutional Controls Required: N
IC Category Proprietary Controls: Not reported
IC Cat. Info. Devices: Not reported
IC Cat. Gov. Controls: Not reported
IC Cat. Enforcement Permit Tools: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST VILLAGE MANOR (Continued)

1016353339

IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Y
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST VILLAGE MANOR (Continued)

1016353339

No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Y
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	The subject property was initially developed with residential dwellings from at least 1885, the earliest readily available historical source. The dwellings on 1400 Van Dyke and 8001-8031 Agnes were demolished between 1919 and 1925 and a commercial building with storefronts and apartment units was constructed on the property in 1925. The dwelling on 1412 Van Dyke Avenue was demolished in 1962, and the dwellings on 1416 through 1424 Van Dyke Avenue were demolished in 1977.
Below Poverty Number:	1764
Below Poverty Percent:	30.4%
Meidan Income:	3504
Meidan Income Number:	3201
Meidan Income Percent:	55.2%
Vacant Housing Number:	1041
Vacant Housing Percent:	23.7%
Unemployed Number:	611
Unemployed Percent:	10.5%

FINDS:

Registry ID: 110040214684

Environmental Interest/Information System

US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is an federal online database for Brownfields Grantees to electronically submit data directly to EPA.

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

40
West
1/4-1/2
0.329 mi.
1736 ft.

VACANT PROPERTY
687 FIELD STREET
DETROIT, MI

BEA S106174465
N/A

Relative:
Higher
Actual:
598 ft.

BEA:
 Secondary Address: Not reported
 BEA Number: 2276
 District: Southeast MI
 Date Received: 02/02/2004
 Submitter Name: Messiah Housing Corp
 Petition Determination: Affirmed
 Petition Disclosure: 1
 Category: No Hazardous Substance(s)
 Determination 20107A: Affirmed
 Reviewer: williaht
 Division Assigned: Environmental Response Division

J41
North
1/4-1/2
0.330 mi.
1740 ft.

KLINGER HOLDINGS, LLC
1295 SOUTH PARKER STREET AND
MARINE CITY, MI 48243

BEA S110055488
INVENTORY N/A

Site 1 of 2 in cluster J

Relative:
Higher
Actual:
600 ft.

INVENTORY:
 Bea Number: 201205072LV
 Township: Marine City
 District: Southeast MI
 Data Source: BEA
 Latitude: Not reported
 Longitude: Not reported

BEA:
 Secondary Address: 374 Bowery Street
 BEA Number: 5072
 District: Southeast MI
 Date Received: 02/08/2012
 Submitter Name: Klinger Holdings, LLC
 Petition Determination: No Request
 Petition Disclosure: 0
 Category: Not reported
 Determination 20107A: No Request
 Reviewer: barrowsg
 Division Assigned: RD

Secondary Address: Not reported
 BEA Number: 4280
 District: Southeast MI
 Date Received: 10/20/2009
 Submitter Name: First Place Bank
 Petition Determination: No Request
 Petition Disclosure: 0
 Category: No Hazardous Substance(s)
 Determination 20107A: No Request
 Reviewer: barrowsg
 Division Assigned: RRD

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

42
SW
1/4-1/2
0.332 mi.
1755 ft.

DETROIT RIVERFRONT CONSERVANCY INC.
SE SIDE JEFFERSON AVE & E GRAND BLVD
DETROIT, MI

BEA **S110142468**
N/A

Relative:
Higher
Actual:
593 ft.
Client Plot

BEA:
 Secondary Address: Gabriel Richard Park (Riverwalk Lease)
 BEA Number: 2885
 District: Southeast MI
 Date Received: 08/22/2005
 Submitter Name: Detroit Riverfront Conservancy Inc
 Petition Determination: No Request
 Petition Disclosure: 0
 Category: No Hazardous Substance(s)
 Determination 20107A: No Request
 Reviewer: bahdeh
 Division Assigned: Environmental Response Division

J43
North
1/4-1/2
0.334 mi.
1763 ft.

KLINGLER HOLDINGS, LLC
1300 SOUTH PARKER STREET AND
MARINE CITY, MI 48243

BEA **S107703835**
INVENTORY **N/A**

Site 2 of 2 in cluster J

Relative:
Higher
Actual:
600 ft.

INVENTORY:
 Bea Number: 201305593LV
 Township: Marine City
 District: Southeast MI
 Data Source: BEA
 Latitude: Not reported
 Longitude: Not reported

BEA:
 Secondary Address: 509 Chartier Road
 BEA Number: 5593
 District: Southeast MI
 Date Received: 06/05/2013
 Submitter Name: Klingler Holdings, LLC
 Petition Determination: No Request
 Petition Disclosure: 0
 Category: Not reported
 Determination 20107A: No Request
 Reviewer: barrowsg
 Division Assigned: RRD

44
NNW
1/4-1/2
0.368 mi.
1943 ft.

AUBURN REO, LLC
1462 VAN DYKE AVENUE
, MI 48214

INVENTORY **S118622163**
N/A

Relative:
Higher
Actual:
600 ft.

INVENTORY:
 Bea Number: 201606904LV
 Township: Detroit
 District: Southeast MI
 Data Source: BEA
 Latitude: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

AUBURN REO, LLC (Continued)

S118622163

Longitude: Not reported

K45
NNE
 1/4-1/2
 0.374 mi.
 1974 ft.

BOOK HOUSE
8469 E. JEFFERSON AVENUE
, MI 48214

INVENTORY **S114032961**
N/A

Site 1 of 4 in cluster K

Relative:
Higher
Actual:
596 ft.

INVENTORY:
 Bea Number: 201004621LV
 Township: Detroit
 District: Southeast MI
 Data Source: BEA
 Latitude: Not reported
 Longitude: Not reported

K46
NNE
 1/4-1/2
 0.374 mi.
 1974 ft.

JAMES BURGESS BOOK JR. HOUSE
8469 E. JEFFERSON
DETROIT, MI

INVENTORY **S114031809**
N/A

Site 2 of 4 in cluster K

Relative:
Higher
Actual:
596 ft.

INVENTORY:
 Bea Number: Not reported
 Township: Detroit
 District: Southeast MI
 Data Source: Part 201
 Latitude: 42.35483
 Longitude: -82.99034

K47
NNE
 1/4-1/2
 0.374 mi.
 1974 ft.

BOOK HOUSE
8469 E. JEFFERSON AVENUE
DETROIT, MI 48214

US BROWNFIELDS **1018273059**
N/A

Site 3 of 4 in cluster K

Relative:
Higher
Actual:
596 ft.

US BROWNFIELDS:
 Property Name: BOOK HOUSE
 Recipient Name: Detroit/Wayne County Port Authority
 Grant Type: Assessment
 Property Number: 17/0000066
 Parcel size: .69
 Latitude: 42.354832
 Longitude: -82.990343
 HCM Label: Address Matching-House Number
 Map Scale: Not reported
 Point of Reference: Entrance Point of a Facility or Station
 Highlights: Not reported
 Datum: North American Datum of 1983
 Acres Property ID: 131441
 IC Data Access: Not reported
 Start Date: Not reported
 Redev Completion Date: Not reported
 Completed Date: Not reported
 Acres Cleaned Up: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOOK HOUSE (Continued)

1018273059

Cleanup Funding: Not reported
Cleanup Funding Source: Not reported
Assessment Funding: 12585
Assessment Funding Source: US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment Funding: Not reported
Redev. Funding Source: Not reported
Redev. Funding Entity Name: Not reported
Redevelopment Start Date: Not reported
Assessment Funding Entity: EPA
Cleanup Funding Entity: Not reported
Grant Type: Hazardous & Petroleum
Accomplishment Type: Phase II Environmental Assessment
Accomplishment Count: 0
Cooperative Agreement Number: 96550501
Start Date: 06/09/2010 00:00:00
Ownership Entity: Private
Completion Date: 07/06/2010 00:00:00
Current Owner: Ars Poetica Chamber Orchestra
Did Owner Change: N
Cleanup Required: Y
Video Available: N
Photo Available: Y
Institutional Controls Required: N
IC Category Proprietary Controls: Not reported
IC Cat. Info. Devices: Not reported
IC Cat. Gov. Controls: Not reported
IC Cat. Enforcement Permit Tools: Not reported
IC in place date: Not reported
IC in place: Not reported
State/tribal program date: Not reported
State/tribal program ID: Not reported
State/tribal NFA date: Not reported
Air contaminated: Not reported
Air cleaned: Not reported
Asbestos found: Y
Asbestos cleaned: Y
Controlled substance found: Not reported
Controlled substance cleaned: Not reported
Drinking water affected: Not reported
Drinking water cleaned: Not reported
Groundwater affected: Not reported
Groundwater cleaned: Not reported
Lead contaminant found: Y
Lead cleaned up: Y
No media affected: Not reported
Unknown media affected: Not reported
Other cleaned up: Not reported
Other metals found: Not reported
Other metals cleaned: Not reported
Other contaminants found: Not reported
Other contams found description: Not reported
PAHs found: Not reported
PAHs cleaned up: Not reported
PCBs found: Not reported
PCBs cleaned up: Not reported
Petro products found: Y
Petro products cleaned: Y

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BOOK HOUSE (Continued)

1018273059

Sediments found:		Not reported
Sediments cleaned:		Not reported
Soil affected:	Y	
Soil cleaned up:		Y
Surface water cleaned:		Not reported
VOCs found:		Not reported
VOCs cleaned:		Not reported
Cleanup other description:		Not reported
Num. of cleanup and re-dev. jobs:		Not reported
Past use greenspace acreage:		Not reported
Past use residential acreage:		.69
Surface Water:		Not reported
Past use commercial acreage:		Not reported
Past use industrial acreage:		Not reported
Future use greenspace acreage:		Not reported
Future use residential acreage:		Not reported
Future use commercial acreage:		.69
Future use industrial acreage:		Not reported
Greenspace acreage and type:		Not reported
Superfund Fed. landowner flag:		N
Arsenic cleaned up:		Not reported
Cadmium cleaned up:		Not reported
Chromium cleaned up:		Not reported
Copper cleaned up:		Not reported
Iron cleaned up:		Not reported
mercury cleaned up:		Not reported
Nickel Cleaned Up:		Not reported
No clean up:		Not reported
Pesticides cleaned up:		Not reported
Selenium cleaned up:		Not reported
SVOCs cleaned up:		Not reported
Unknown clean up:		Not reported
Arsenic contaminant found:		Not reported
Cadmium contaminant found:		Not reported
Chromium contaminant found:		Not reported
Copper contaminant found:		Not reported
Iron contaminant found:		Not reported
Mercury contaminant found:		Not reported
Nickel contaminant found:		Not reported
No contaminant found:		Not reported
Pesticides contaminant found:		Not reported
Selenium contaminant found:		Not reported
SVOCs contaminant found:		Not reported
Unknown contaminant found:		Not reported
Future Use: Multistory		Not reported
Media affected Bluiding Material:		Y
Media affected indoor air:		Not reported
Building material media cleaned up:		Y
Indoor air media cleaned up:		Not reported
Unknown media cleaned up:		Not reported
Past Use: Multistory		Not reported
Property Description:		The subject property consisted of undeveloped land from at least 1889 until 1910 when a residential dwelling known as the Book House and private garage were constructed. The subject property remained residential until the mid-1940s, when alterations and an addition were completed to convert the building for use as a commercial office. The subject property remained commercial until 2008, when it was vacated.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOOK HOUSE (Continued)

1018273059

Currently, the subject property contains a vacant, commercial building.

Below Poverty Number: 1423
Below Poverty Percent: 23.6%
Meidan Income: 6009
Meidan Income Number: 2784
Meidan Income Percent: 46.1%
Vacant Housing Number: 1178
Vacant Housing Percent: 25.2%
Unemployed Number: 476
Unemployed Percent: 7.9%

Property Name: BOOK HOUSE
Recipient Name: Detroit/Wayne County Port Authority
Grant Type: Assessment
Property Number: 17/0000066
Parcel size: .69
Latitude: 42.354832
Longitude: -82.990343
HCM Label: Address Matching-House Number
Map Scale: Not reported
Point of Reference: Entrance Point of a Facility or Station
Highlights: Not reported
Datum: North American Datum of 1983
Acres Property ID: 131441
IC Data Access: Not reported
Start Date: Not reported
Redev Completion Date: Not reported
Completed Date: Not reported
Acres Cleaned Up: Not reported
Cleanup Funding: Not reported
Cleanup Funding Source: Not reported
Assessment Funding: 1200
Assessment Funding Source: US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment Funding: Not reported
Redev. Funding Source: Not reported
Redev. Funding Entity Name: Not reported
Redevelopment Start Date: Not reported
Assessment Funding Entity: EPA
Cleanup Funding Entity: Not reported
Grant Type: Hazardous & Petroleum
Accomplishment Type: Phase I Environmental Assessment
Accomplishment Count: 1
Cooperative Agreement Number: 96550501
Start Date: 03/23/2010 00:00:00
Ownership Entity: Private
Completion Date: 05/26/2010 00:00:00
Current Owner: Ars Poetica Chamber Orchestra
Did Owner Change: N
Cleanup Required: Y
Video Available: N
Photo Available: Y
Institutional Controls Required: N
IC Category Proprietary Controls: Not reported
IC Cat. Info. Devices: Not reported
IC Cat. Gov. Controls: Not reported
IC Cat. Enforcement Permit Tools: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOOK HOUSE (Continued)

1018273059

IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Y
Asbestos cleaned:	Y
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Y
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Y
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	.69
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	.69
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	N
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BOOK HOUSE (Continued)

1018273059

No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Y
Media affected indoor air:	Not reported
Building material media cleaned up:	Y
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	The subject property consisted of undeveloped land from at least 1889 until 1910 when a residential dwelling known as the Book House and private garage were constructed. The subject property remained residential until the mid-1940s, when alterations and an addition were completed to convert the building for use as a commercial office. The subject property remained commercial until 2008, when it was vacated. Currently, the subject property contains a vacant, commercial building.
Below Poverty Number:	1423
Below Poverty Percent:	23.6%
Meidan Income:	6009
Meidan Income Number:	2784
Meidan Income Percent:	46.1%
Vacant Housing Number:	1178
Vacant Housing Percent:	25.2%
Unemployed Number:	476
Unemployed Percent:	7.9%
Property Name:	BOOK HOUSE
Recipient Name:	Detroit/Wayne County Port Authority
Grant Type:	Assessment
Property Number:	17/0000066
Parcel size:	.69
Latitude:	42.354832
Longitude:	-82.990343
HCM Label:	Address Matching-House Number
Map Scale:	Not reported
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Not reported
Datum:	North American Datum of 1983
Acres Property ID:	131441
IC Data Access:	Not reported
Start Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOOK HOUSE (Continued)

1018273059

Redev Completion Date: Not reported
Completed Date: Not reported
Acres Cleaned Up: Not reported
Cleanup Funding: Not reported
Cleanup Funding Source: Not reported
Assessment Funding: 9000
Assessment Funding Source: US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment Funding: Not reported
Redev. Funding Source: Not reported
Redev. Funding Entity Name: Not reported
Redevelopment Start Date: Not reported
Assessment Funding Entity: EPA
Cleanup Funding Entity: Not reported
Grant Type: Hazardous & Petroleum
Accomplishment Type: Supplemental Assessment
Accomplishment Count: 0
Cooperative Agreement Number: 96550501
Start Date: 06/29/2010 00:00:00
Ownership Entity: Private
Completion Date: 07/06/2010 00:00:00
Current Owner: Ars Poetica Chamber Orchestra
Did Owner Change: N
Cleanup Required: Y
Video Available: N
Photo Available: Y
Institutional Controls Required: N
IC Category Proprietary Controls: Not reported
IC Cat. Info. Devices: Not reported
IC Cat. Gov. Controls: Not reported
IC Cat. Enforcement Permit Tools: Not reported
IC in place date: Not reported
IC in place: Not reported
State/tribal program date: Not reported
State/tribal program ID: Not reported
State/tribal NFA date: Not reported
Air contaminated: Not reported
Air cleaned: Not reported
Asbestos found: Y
Asbestos cleaned: Y
Controlled substance found: Not reported
Controlled substance cleaned: Not reported
Drinking water affected: Not reported
Drinking water cleaned: Not reported
Groundwater affected: Not reported
Groundwater cleaned: Not reported
Lead contaminant found: Y
Lead cleaned up: Y
No media affected: Not reported
Unknown media affected: Not reported
Other cleaned up: Not reported
Other metals found: Not reported
Other metals cleaned: Not reported
Other contaminants found: Not reported
Other contams found description: Not reported
PAHs found: Not reported
PAHs cleaned up: Not reported
PCBs found: Not reported

Map ID
 Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BOOK HOUSE (Continued)

1018273059

PCBs cleaned up:		Not reported
Petro products found:		Y
Petro products cleaned:		Y
Sediments found:		Not reported
Sediments cleaned:		Not reported
Soil affected:	Y	
Soil cleaned up:		Y
Surface water cleaned:		Not reported
VOCs found:		Not reported
VOCs cleaned:		Not reported
Cleanup other description:		Not reported
Num. of cleanup and re-dev. jobs:		Not reported
Past use greenspace acreage:		Not reported
Past use residential acreage:		.69
Surface Water:	Not reported	
Past use commercial acreage:		Not reported
Past use industrial acreage:		Not reported
Future use greenspace acreage:		Not reported
Future use residential acreage:		Not reported
Future use commercial acreage:		.69
Future use industrial acreage:		Not reported
Greenspace acreage and type:		Not reported
Superfund Fed. landowner flag:		N
Arsenic cleaned up:		Not reported
Cadmium cleaned up:		Not reported
Chromium cleaned up:		Not reported
Copper cleaned up:		Not reported
Iron cleaned up:		Not reported
mercury cleaned up:		Not reported
Nickel Cleaned Up:		Not reported
No clean up:	Not reported	
Pesticides cleaned up:		Not reported
Selenium cleaned up:		Not reported
SVOCs cleaned up:		Not reported
Unknown clean up:		Not reported
Arsenic contaminant found:		Not reported
Cadmium contaminant found:		Not reported
Chromium contaminant found:		Not reported
Copper contaminant found:		Not reported
Iron contaminant found:	Not reported	
Mercury contaminant found:		Not reported
Nickel contaminant found:		Not reported
No contaminant found:	Not reported	
Pesticides contaminant found:		Not reported
Selenium contaminant found:		Not reported
SVOCs contaminant found:		Not reported
Unknown contaminant found:		Not reported
Future Use: Multistory		Not reported
Media affected Bluiding Material:		Y
Media affected indoor air:		Not reported
Building material media cleaned up:		Y
Indoor air media cleaned up:		Not reported
Unknown media cleaned up:		Not reported
Past Use: Multistory		Not reported
Property Description:	The subject property consisted of undeveloped land from at least 1889 until 1910 when a residential dwelling known as the Book House and private garage were constructed. The subject property remained	

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOOK HOUSE (Continued)

1018273059

residential until the mid-1940s, when alterations and an addition were completed to convert the building for use as a commercial office. The subject property remained commercial until 2008, when it was vacated. Currently, the subject property contains a vacant, commercial building.

Below Poverty Number: 1423
Below Poverty Percent: 23.6%
Meidan Income: 6009
Meidan Income Number: 2784
Meidan Income Percent: 46.1%
Vacant Housing Number: 1178
Vacant Housing Percent: 25.2%
Unemployed Number: 476
Unemployed Percent: 7.9%

Property Name: BOOK HOUSE
Recipient Name: Wayne County Brownfield Redevelopment Authority
Grant Type: BCRLF
Property Number: 17/0000066
Parcel size: .69
Latitude: 42.354832
Longitude: -82.990343
HCM Label: Address Matching-House Number
Map Scale: Not reported
Point of Reference: Entrance Point of a Facility or Station
Highlights: Not reported
Datum: North American Datum of 1983
Acres Property ID: 131441
IC Data Access: Not reported
Start Date: 11/08/2012 00:00:00
Redev Completion Date: Not reported
Completed Date: 09/11/2013 00:00:00
Acres Cleaned Up: .69
Cleanup Funding: 390000
Cleanup Funding Source: Brownfields RLF Grant Funds Subgranted
Assessment Funding: 9000
Assessment Funding Source: Other Federal Funding
Redevelopment Funding: Not reported
Redev. Funding Source: Not reported
Redev. Funding Entity Name: Not reported
Redevelopment Start Date: Not reported
Assessment Funding Entity: EPA
Cleanup Funding Entity: EPA
Grant Type: Hazardous & Petroleum
Accomplishment Type: Supplemental Assessment
Accomplishment Count: 0
Cooperative Agreement Number: 00E12101
Start Date: 09/22/2010 00:00:00
Ownership Entity: Private
Completion Date: 10/29/2010 00:00:00
Current Owner: Ars Poetica Chamber Orchestra
Did Owner Change: N
Cleanup Required: Y
Video Available: N
Photo Available: Y
Institutional Controls Required: N
IC Category Proprietary Controls: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOOK HOUSE (Continued)

1018273059

IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Y
Asbestos cleaned:	Y
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Y
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Y
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	.69
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	.69
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	N
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BOOK HOUSE (Continued)

1018273059

Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Y
Media affected indoor air:	Not reported
Building material media cleaned up:	Y
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	The subject property consisted of undeveloped land from at least 1889 until 1910 when a residential dwelling known as the Book House and private garage were constructed. The subject property remained residential until the mid-1940s, when alterations and an addition were completed to convert the building for use as a commercial office. The subject property remained commercial until 2008, when it was vacated. Currently, the subject property contains a vacant, commercial building.
Below Poverty Number:	1423
Below Poverty Percent:	23.6%
Meidan Income:	6009
Meidan Income Number:	2784
Meidan Income Percent:	46.1%
Vacant Housing Number:	1178
Vacant Housing Percent:	25.2%
Unemployed Number:	476
Unemployed Percent:	7.9%
Property Name:	BOOK HOUSE
Recipient Name:	Detroit/Wayne County Port Authority
Grant Type:	Assessment
Property Number:	17/0000066
Parcel size:	.69
Latitude:	42.354832
Longitude:	-82.990343
HCM Label:	Address Matching-House Number
Map Scale:	Not reported
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Not reported
Datum:	North American Datum of 1983

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOOK HOUSE (Continued)

1018273059

Acres Property ID: 131441
IC Data Access: Not reported
Start Date: Not reported
Redev Completion Date: Not reported
Completed Date: Not reported
Acres Cleaned Up: Not reported
Cleanup Funding: Not reported
Cleanup Funding Source: Not reported
Assessment Funding: 1200
Assessment Funding Source: Private/Other Funding
Redevelopment Funding: Not reported
Redev. Funding Source: Not reported
Redev. Funding Entity Name: Not reported
Redevelopment Start Date: Not reported
Assessment Funding Entity: Book House, LLC
Cleanup Funding Entity: Not reported
Grant Type: Hazardous & Petroleum
Accomplishment Type: Phase I Environmental Assessment
Accomplishment Count: 1
Cooperative Agreement Number: 96550501
Start Date: 03/23/2010 00:00:00
Ownership Entity: Private
Completion Date: 05/26/2010 00:00:00
Current Owner: Ars Poetica Chamber Orchestra
Did Owner Change: N
Cleanup Required: Y
Video Available: N
Photo Available: Y
Institutional Controls Required: N
IC Category Proprietary Controls: Not reported
IC Cat. Info. Devices: Not reported
IC Cat. Gov. Controls: Not reported
IC Cat. Enforcement Permit Tools: Not reported
IC in place date: Not reported
IC in place: Not reported
State/tribal program date: Not reported
State/tribal program ID: Not reported
State/tribal NFA date: Not reported
Air contaminated: Not reported
Air cleaned: Not reported
Asbestos found: Y
Asbestos cleaned: Y
Controlled substance found: Not reported
Controlled substance cleaned: Not reported
Drinking water affected: Not reported
Drinking water cleaned: Not reported
Groundwater affected: Not reported
Groundwater cleaned: Not reported
Lead contaminant found: Y
Lead cleaned up: Y
No media affected: Not reported
Unknown media affected: Not reported
Other cleaned up: Not reported
Other metals found: Not reported
Other metals cleaned: Not reported
Other contaminants found: Not reported
Other contams found description: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BOOK HOUSE (Continued)

1018273059

PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Y
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	.69
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	.69
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	N
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Y
Media affected indoor air:	Not reported
Building material media cleaned up:	Y
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported

MAP FINDINGS

BOOK HOUSE (Continued)

1018273059

Property Description: The subject property consisted of undeveloped land from at least 1889 until 1910 when a residential dwelling known as the Book House and private garage were constructed. The subject property remained residential until the mid-1940s, when alterations and an addition were completed to convert the building for use as a commercial office. The subject property remained commercial until 2008, when it was vacated. Currently, the subject property contains a vacant, commercial building.

Below Poverty Number: 1423
 Below Poverty Percent: 23.6%
 Meidan Income: 6009
 Meidan Income Number: 2784
 Meidan Income Percent: 46.1%
 Vacant Housing Number: 1178
 Vacant Housing Percent: 25.2%
 Unemployed Number: 476
 Unemployed Percent: 7.9%

Property Name: BOOK HOUSE
 Recipient Name: Wayne County Brownfield Redevelopment Authority
 Grant Type: BCRLF
 Property Number: 17/0000066
 Parcel size: .69
 Latitude: 42.354832
 Longitude: -82.990343
 HCM Label: Address Matching-House Number
 Map Scale: Not reported
 Point of Reference: Entrance Point of a Facility or Station
 Highlights: Not reported
 Datum: North American Datum of 1983
 Acres Property ID: 131441
 IC Data Access: Not reported
 Start Date: 08/01/2014 00:00:00
 Redev Completion Date: Not reported
 Completed Date: 06/19/2015 00:00:00
 Acres Cleaned Up: .69
 Cleanup Funding: 250000
 Cleanup Funding Source: Brownfields RLF Grant Funds Subgranted
 Assessment Funding: Not reported
 Assessment Funding Source: Not reported
 Redevelopment Funding: Not reported
 Redev. Funding Source: Not reported
 Redev. Funding Entity Name: Not reported
 Redevelopment Start Date: Not reported
 Assessment Funding Entity: Not reported
 Cleanup Funding Entity: EPA
 Grant Type: Hazardous & Petroleum
 Accomplishment Type: Not reported
 Accomplishment Count: 0
 Cooperative Agreement Number: 00E12102
 Start Date: Not reported
 Ownership Entity: Private
 Completion Date: Not reported
 Current Owner: Ars Poetica Chamber Orchestra
 Did Owner Change: N
 Cleanup Required: Y
 Video Available: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOOK HOUSE (Continued)

1018273059

Photo Available:	Y	
Institutional Controls Required:		N
IC Category Proprietary Controls:		Not reported
IC Cat. Info. Devices:	Not reported	
IC Cat. Gov. Controls:	Not reported	
IC Cat. Enforcement Permit Tools:		Not reported
IC in place date:	Not reported	
IC in place:	Not reported	
State/tribal program date:		Not reported
State/tribal program ID:		Not reported
State/tribal NFA date:	Not reported	
Air contaminated:		Not reported
Air cleaned:	Not reported	
Asbestos found:	Y	
Asbestos cleaned:	Y	
Controlled substance found:		Not reported
Controlled substance cleaned:		Not reported
Drinking water affected:		Not reported
Drinking water cleaned:	Not reported	
Groundwater affected:	Not reported	
Groundwater cleaned:	Not reported	
Lead contaminant found:	Y	
Lead cleaned up:	Y	
No media affected:	Not reported	
Unknown media affected:	Not reported	
Other cleaned up:	Not reported	
Other metals found:	Not reported	
Other metals cleaned:	Not reported	
Other contaminants found:		Not reported
Other contams found description:		Not reported
PAHs found:	Not reported	
PAHs cleaned up:		Not reported
PCBs found:	Not reported	
PCBs cleaned up:		Not reported
Petro products found:	Y	
Petro products cleaned:	Y	
Sediments found:		Not reported
Sediments cleaned:		Not reported
Soil affected:	Y	
Soil cleaned up:	Y	
Surface water cleaned:		Not reported
VOCs found:	Not reported	
VOCs cleaned:	Not reported	
Cleanup other description:		Not reported
Num. of cleanup and re-dev. jobs:		Not reported
Past use greenspace acreage:		Not reported
Past use residential acreage:		.69
Surface Water:	Not reported	
Past use commercial acreage:		Not reported
Past use industrial acreage:		Not reported
Future use greenspace acreage:		Not reported
Future use residential acreage:		Not reported
Future use commercial acreage:		.69
Future use industrial acreage:		Not reported
Greenspace acreage and type:		Not reported
Superfund Fed. landowner flag:		N
Arsenic cleaned up:		Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BOOK HOUSE (Continued)

1018273059

Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Y
Media affected indoor air:	Not reported
Building material media cleaned up:	Y
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	The subject property consisted of undeveloped land from at least 1889 until 1910 when a residential dwelling known as the Book House and private garage were constructed. The subject property remained residential until the mid-1940s, when alterations and an addition were completed to convert the building for use as a commercial office. The subject property remained commercial until 2008, when it was vacated. Currently, the subject property contains a vacant, commercial building.
Below Poverty Number:	1423
Below Poverty Percent:	23.6%
Meidan Income:	6009
Meidan Income Number:	2784
Meidan Income Percent:	46.1%
Vacant Housing Number:	1178
Vacant Housing Percent:	25.2%
Unemployed Number:	476
Unemployed Percent:	7.9%
Property Name:	BOOK HOUSE
Recipient Name:	Wayne County Brownfield Redevelopment Authority
Grant Type:	BCRLF
Property Number:	17/0000066
Parcel size:	.69
Latitude:	42.354832
Longitude:	-82.990343
HCM Label:	Address Matching-House Number
Map Scale:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BOOK HOUSE (Continued)

1018273059

Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Not reported
Datum:	North American Datum of 1983
Acres Property ID:	131441
IC Data Access:	Not reported
Start Date:	11/08/2012 00:00:00
Redev Completion Date:	Not reported
Completed Date:	09/11/2013 00:00:00
Acres Cleaned Up:	.69
Cleanup Funding:	390000
Cleanup Funding Source:	Brownfields RLF Grant Funds Subgranted
Assessment Funding:	6910
Assessment Funding Source:	Other Federal Funding
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	EPA
Grant Type:	Hazardous & Petroleum
Accomplishment Type:	Supplemental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	00E12101
Start Date:	12/13/2010 00:00:00
Ownership Entity:	Private
Completion Date:	02/16/2011 00:00:00
Current Owner:	Ars Poetica Chamber Orchestra
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Y
Asbestos cleaned:	Y
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Y
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOOK HOUSE (Continued)

1018273059

Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Y
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	.69
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	.69
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	N
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Y
Media affected indoor air:	Not reported
Building material media cleaned up:	Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOOK HOUSE (Continued)

1018273059

Indoor air media cleaned up: Not reported
Unknown media cleaned up: Not reported
Past Use: Multistory Not reported
Property Description: The subject property consisted of undeveloped land from at least 1889 until 1910 when a residential dwelling known as the Book House and private garage were constructed. The subject property remained residential until the mid-1940s, when alterations and an addition were completed to convert the building for use as a commercial office. The subject property remained commercial until 2008, when it was vacated. Currently, the subject property contains a vacant, commercial building.
Below Poverty Number: 1423
Below Poverty Percent: 23.6%
Meidan Income: 6009
Meidan Income Number: 2784
Meidan Income Percent: 46.1%
Vacant Housing Number: 1178
Vacant Housing Percent: 25.2%
Unemployed Number: 476
Unemployed Percent: 7.9%
Property Name: BOOK HOUSE
Recipient Name: Wayne County Brownfield Redevelopment Authority
Grant Type: BCRLF
Property Number: 17/0000066
Parcel size: .69
Latitude: 42.354832
Longitude: -82.990343
HCM Label: Address Matching-House Number
Map Scale: Not reported
Point of Reference: Entrance Point of a Facility or Station
Highlights: Not reported
Datum: North American Datum of 1983
Acres Property ID: 131441
IC Data Access: Not reported
Start Date: 11/08/2012 00:00:00
Redev Completion Date: Not reported
Completed Date: 09/11/2013 00:00:00
Acres Cleaned Up: .69
Cleanup Funding: 390000
Cleanup Funding Source: Brownfields RLF Grant Funds Subgranted
Assessment Funding: 12585
Assessment Funding Source: Other Federal Funding
Redevelopment Funding: Not reported
Redev. Funding Source: Not reported
Redev. Funding Entity Name: Not reported
Redevelopment Start Date: Not reported
Assessment Funding Entity: EPA
Cleanup Funding Entity: EPA
Grant Type: Hazardous & Petroleum
Accomplishment Type: Phase II Environmental Assessment
Accomplishment Count: 0
Cooperative Agreement Number: 00E12101
Start Date: 06/09/2010 00:00:00
Ownership Entity: Private
Completion Date: 07/06/2010 00:00:00
Current Owner: Ars Poetica Chamber Orchestra

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOOK HOUSE (Continued)

1018273059

Did Owner Change: N
Cleanup Required: Y
Video Available: N
Photo Available: Y
Institutional Controls Required: N
IC Category Proprietary Controls: Not reported
IC Cat. Info. Devices: Not reported
IC Cat. Gov. Controls: Not reported
IC Cat. Enforcement Permit Tools: Not reported
IC in place date: Not reported
IC in place: Not reported
State/tribal program date: Not reported
State/tribal program ID: Not reported
State/tribal NFA date: Not reported
Air contaminated: Not reported
Air cleaned: Not reported
Asbestos found: Y
Asbestos cleaned: Y
Controlled substance found: Not reported
Controlled substance cleaned: Not reported
Drinking water affected: Not reported
Drinking water cleaned: Not reported
Groundwater affected: Not reported
Groundwater cleaned: Not reported
Lead contaminant found: Y
Lead cleaned up: Y
No media affected: Not reported
Unknown media affected: Not reported
Other cleaned up: Not reported
Other metals found: Not reported
Other metals cleaned: Not reported
Other contaminants found: Not reported
Other contams found description: Not reported
PAHs found: Not reported
PAHs cleaned up: Not reported
PCBs found: Not reported
PCBs cleaned up: Not reported
Petro products found: Y
Petro products cleaned: Y
Sediments found: Not reported
Sediments cleaned: Not reported
Soil affected: Y
Soil cleaned up: Y
Surface water cleaned: Not reported
VOCs found: Not reported
VOCs cleaned: Not reported
Cleanup other description: Not reported
Num. of cleanup and re-dev. jobs: Not reported
Past use greenspace acreage: Not reported
Past use residential acreage: .69
Surface Water: Not reported
Past use commercial acreage: Not reported
Past use industrial acreage: Not reported
Future use greenspace acreage: Not reported
Future use residential acreage: Not reported
Future use commercial acreage: .69
Future use industrial acreage: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BOOK HOUSE (Continued)

1018273059

Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	N
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Y
Media affected indoor air:	Not reported
Building material media cleaned up:	Y
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	The subject property consisted of undeveloped land from at least 1889 until 1910 when a residential dwelling known as the Book House and private garage were constructed. The subject property remained residential until the mid-1940s, when alterations and an addition were completed to convert the building for use as a commercial office. The subject property remained commercial until 2008, when it was vacated. Currently, the subject property contains a vacant, commercial building.
Below Poverty Number:	1423
Below Poverty Percent:	23.6%
Meidan Income:	6009
Meidan Income Number:	2784
Meidan Income Percent:	46.1%
Vacant Housing Number:	1178
Vacant Housing Percent:	25.2%
Unemployed Number:	476
Unemployed Percent:	7.9%
Property Name:	BOOK HOUSE
Recipient Name:	Wayne County Brownfield Redevelopment Authority
Grant Type:	BCRLF
Property Number:	17/0000066
Parcel size:	.69
Latitude:	42.354832

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOOK HOUSE (Continued)

1018273059

Longitude: -82.990343
HCM Label: Address Matching-House Number
Map Scale: Not reported
Point of Reference: Entrance Point of a Facility or Station
Highlights: Not reported
Datum: North American Datum of 1983
Acres Property ID: 131441
IC Data Access: Not reported
Start Date: 11/08/2012 00:00:00
Redev Completion Date: Not reported
Completed Date: 09/11/2013 00:00:00
Acres Cleaned Up: .69
Cleanup Funding: 390000
Cleanup Funding Source: Brownfields RLF Grant Funds Subgranted
Assessment Funding: 1200
Assessment Funding Source: Other Federal Funding
Redevelopment Funding: Not reported
Redev. Funding Source: Not reported
Redev. Funding Entity Name: Not reported
Redevelopment Start Date: Not reported
Assessment Funding Entity: EPA
Cleanup Funding Entity: EPA
Grant Type: Hazardous & Petroleum
Accomplishment Type: Phase I Environmental Assessment
Accomplishment Count: 0
Cooperative Agreement Number: 00E12101
Start Date: 03/23/2010 00:00:00
Ownership Entity: Private
Completion Date: 05/26/2010 00:00:00
Current Owner: Ars Poetica Chamber Orchestra
Did Owner Change: N
Cleanup Required: Y
Video Available: N
Photo Available: Y
Institutional Controls Required: N
IC Category Proprietary Controls: Not reported
IC Cat. Info. Devices: Not reported
IC Cat. Gov. Controls: Not reported
IC Cat. Enforcement Permit Tools: Not reported
IC in place date: Not reported
IC in place: Not reported
State/tribal program date: Not reported
State/tribal program ID: Not reported
State/tribal NFA date: Not reported
Air contaminated: Not reported
Air cleaned: Not reported
Asbestos found: Y
Asbestos cleaned: Y
Controlled substance found: Not reported
Controlled substance cleaned: Not reported
Drinking water affected: Not reported
Drinking water cleaned: Not reported
Groundwater affected: Not reported
Groundwater cleaned: Not reported
Lead contaminant found: Y
Lead cleaned up: Y
No media affected: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOOK HOUSE (Continued)

1018273059

Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Y
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	.69
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	.69
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	N
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOOK HOUSE (Continued)

1018273059

Media affected Bluiding Material: Y
Media affected indoor air: Not reported
Building material media cleaned up: Y
Indoor air media cleaned up: Not reported
Unknown media cleaned up: Not reported
Past Use: Multistory Not reported
Property Description: The subject property consisted of undeveloped land from at least 1889 until 1910 when a residential dwelling known as the Book House and private garage were constructed. The subject property remained residential until the mid-1940s, when alterations and an addition were completed to convert the building for use as a commercial office. The subject property remained commercial until 2008, when it was vacated. Currently, the subject property contains a vacant, commercial building.
Below Poverty Number: 1423
Below Poverty Percent: 23.6%
Meidan Income: 6009
Meidan Income Number: 2784
Meidan Income Percent: 46.1%
Vacant Housing Number: 1178
Vacant Housing Percent: 25.2%
Unemployed Number: 476
Unemployed Percent: 7.9%

**K48
NNE
1/4-1/2
0.374 mi.
1974 ft.**

**BOOK HOUSE
8469 E. JEFFERSON AVENUE
DETROIT, MI 48214
Site 4 of 4 in cluster K**

**BEA S110624592
N/A**

**Relative:
Higher
Actual:
596 ft.**

BEA:
Secondary Address: Not reported
BEA Number: 4621
District: Southeast MI
Date Received: 10/28/2010
Submitter Name: Ars Poetica Chamber Orchestra
Petition Determination: Affirmed
Petition Disclosure: 1
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: schlaufj
Division Assigned: Storage Tank Division

**49
NE
1/4-1/2
0.376 mi.
1984 ft.**

**WHITTIER TOWER
415 BURNS DR
DETROIT, MI 48214**

**BEA S104911637
WDS N/A**

**Relative:
Higher
Actual:
589 ft.**

BEA:
Secondary Address: Not reported
BEA Number: 547
District: Southeast MI
Date Received: 02/24/1998
Submitter Name: FARBMAN DEVELOPMENT GROUP
Petition Determination: Affirmed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WHITTIER TOWER (Continued)

S104911637

Petition Disclosure: 1
Category: No Hazardous Substance(s)
Determination 20107A: Affirmed
Reviewer: russelje
Division Assigned: Environmental Response Division

WDS:

Site Id: MIG000062870
WMD Id: 419833
Site Specific Name: WHITTIER TOWER
Mailing Address: 415 BURNS DR
Mailing City/State/Zip: 48214
Mailing County: WAYNE

50
WSW
1/4-1/2
0.437 mi.
2306 ft.

**7001-7005 E. JEFFERSON,113 E. GRAND BLVD
7001-7005 E. JEFFERSON,113 E. GRAND BLVD & 418-434 HELEN STR
, MI 48207**

**INVENTORY S120852347
N/A**

**Relative:
Higher
Actual:
597 ft.**

INVENTORY:
Bea Number: 201707630LV
Township: Detroit
District: Southeast MI
Data Source: BEA
Latitude: Not reported
Longitude: Not reported

51
WNW
1/4-1/2
0.482 mi.
2547 ft.

**ADULT WELL-BEING SERVICES
SOUTH 25 FEET OF 1475 FIELD AVENUE
DETROIT, MI**

**BEA S110482882
N/A**

**Relative:
Higher
Actual:
601 ft.
Client Plot**

BEA:
Secondary Address: Not reported
BEA Number: 33
District: Southeast MI
Date Received: 11/09/1995
Submitter Name: ADULT WELL-BEING SERVICES
Petition Determination: Affirmed
Petition Disclosure: 1
Category: No Hazardous Substance(s)
Determination 20107A: Affirmed
Reviewer: novake
Division Assigned: Environmental Response Division

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

52
WSW
1/2-1
0.633 mi.
3344 ft.

UNIROYAL PROPERTIES
6600 EAST JEFFERSON
DETROIT, MI 48207

SPILLS **S108417566**
BROWNFIELDS **N/A**
PART 201

Relative:
Higher
Actual:
599 ft.

BROWNFIELDS:
 Facility ID: Not reported
 Region: 1
 Status: Not reported
 Property Use: Not reported
 BEA: No
 Ernie Id Number: 82000213

PART 201:
 Facility ID: 82000213
Facility Status: Interim Response in progress
 Source: Petroleum Refining
 SAM Score: 43
 SAM Score Date: 04/12/2004
 Township: 02S
 Range: 12E
 Section: 10
 Quarter: NE
 Quarter/Quarter: NW
 Pollutants: Benzene; Carbon disulfide; CN; Ethylbenzene; Toluene; Xylenes; Hg; PNAs

PEAS:
 Incident Date: 12/29/2011
 Office Status: OFFICE HOURS
 Initials of Incoming Operator: MMC
 Time Received by DNRE Staff: Not reported
 Time Occur: Not reported
 Date Of PEAS Call: Not reported
 Complainant / Company: Not reported
 Complainant Address: 6600 EAST JEFFERSON
 Company Involved: UNSURE
 DEQ Division Involved: Not reported
 Incident Description: SITE ON THE DETROIT RIVER IS CONTAMINATED, AND NO SIGNS ON THE TRUCKS SAYING CONTAMINATED, AND DIRT IS SPILLING ON THE STREETS AND YOU CAN SMELL IT WHEN THE LEAVE THE SITE ON JEFFERSON AVE, CALLER WOULD LIKE A CALL BACK FROM SOMEONE
 Incident Description: YOU CAN SMELL IT WHEN THE LEAVE THE SITE ON JEFFERSON AVE, CALLER WOULD LIKE A CALL BACK FROM SOMEONE
 Description: Not reported
 Date Discovered: 11/29/2011
 Time Discovered: 1200 HOURS
 Office/After Hours: Not reported
 Party Involved - Phone 1: Not reported
 Party Involved - Phone 2: Not reported
 Ongoing?: Not reported
 Release Secured: Not reported
 Source: Not reported
 Source decode: Not reported
 Lead Division 2: Not reported
 Party Involved Type: Not reported
 Latitude: Not reported
 Longitude: Not reported
 Release/Incident Ctrl: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

UNIROYAL PROPERTIES (Continued)

S108417566

Release/Incident Ctrl Detail: Not reported
 Special Referral: Not reported

53
SW
 1/2-1
 0.684 mi.
 3611 ft.

DETROIT CITY GAS CO-STATION B
E. JEFFERSON AVE AND MELDRUM
DETROIT, MI 48207

EDR MGP 1008408092
N/A

Relative:
Higher
Actual:
588 ft.

Manufactured Gas Plants:
 Alternate Name: MICHIGAN CONSOLIDATED GAS CO. An MGP operated at this site from 1872 to the 1940s

54
SSE
 1/2-1
 0.780 mi.
 4119 ft.

DETROIT REC DEPT BELLE ISLE YARD
BELLE ISLE WHITE HOUSE
DETROIT, MI 48207

PART 201 S103594612
N/A

Relative:
Lower
Actual:
578 ft.
Client Plot

PART 201:
 Facility ID: 82001520
Facility Status: Interim Response in progress
 Source: Petroleum & Coal Products
 SAM Score: 33
 SAM Score Date: 08/12/1994
 Township: 02S
 Range: 12E
 Section: 11
 Quarter: SE
 Quarter/Quarter: NE
 Pollutants: Benzene; Ethylbenzene; Toluene; Xylenes; PNAs

55
WSW
 1/2-1
 0.786 mi.
 4149 ft.

MICH CON GAS CO STATION B
JEFFERSON & MELDRUM
DETROIT, MI 48207

PART 201 S103085275
N/A

Relative:
Higher
Actual:
599 ft.

PART 201:
 Facility ID: 82000029
Facility Status: Interim Response in progress
 Source: Not reported
 SAM Score: 36
 SAM Score Date: 10/01/1991
 Township: 02S
 Range: 12E
 Section: Not reported
 Quarter: Not reported
 Quarter/Quarter: Not reported
 Pollutants: Benzene; Toluene; Xylenes; PNAs

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

56
WSW
1/2-1
0.878 mi.
4637 ft.

HARBORTOWN
JEFFERSON & MT ELLIOTT
DETROIT, MI 48207

DEL PART 201
AUL **S105966154**
 N/A

Relative:
Higher
Actual:
597 ft.
Client Plot

AUL:
 Status: Recorded
 Site Name: Harbortown
 Property: On-Site
 Land Use Restriction Type: AOC
 Program Type: Part 201
 Program Support Assigned User: Nicholas Ekel
 Program Support Assigned Date: 01/04/2016
 Legal Description Of Property: Site Address
 Based On The Deq Ref #: 10220195002
 MDEQ Reference Number: AOC-ERD-95-002
 Property Or Description Restricted Area: Not reported
 Lead Division: ERD
 File Name Of Hyperlinked Legal Doc: U:\KERMIT\10220195002.PDF
 Mapped Polygons Area In Acres: 48.2932
 Mapped Polygons Area In Square Miles: 0.0754
 Date Data Entry Started: 01/20/2016
 Date Data Entry Finished: 01/20/2016
 Individual Or Staff Assoc With The Mapping: Nicholas Ekel
 Program Used To Map Restricted Features: ArcGIS 10.3
 Date Legal Paperwork Stamped/Filed/Register Of Deeds: 03/03/1995
 Commercial I Land Use Restriction: 0
 Commercial Ii Land Use Restriction: 0
 Commercial Iii Land Use Restriction: 0
 Commercial Iv Land Use Restriction: 0
 Industrial Land Use Restriction: 0
 Residential Land Use Restriction: 1
 Recreational Land Use Restriction: 0
 Multiple Land-Use Restrictions: 0
 Site Specific Restrictions: 0
 Groundwater Consumption Restrictions: 1
 Groundwater Contact Restrictions: 0
 Special Well Construction Requirements: 0
 Special Building Restrictions: 0
 Excavation And Soil Movement Restrictions: 0
 Soil Movement Requirements: 0
 There Is A Restriction On All Construction: 0
 Monitoring Well Protected, No Tampering Or Removal: 0
 There Is An Exposure Barrier In Place: 1
 There Is A Health And Safety Plan: 0
 There Is A Permanent Marker On The Site: 0
 Comment: Not reported
 Map Comments: 20160104 - LRUR is NOT mapped in KERMIT - Nick Ekel 20160120 - LRUR is mapped in KERMIT - Nick Ekel

DEL_PART201:
 Facility ID: 82000185
 Status: Delisted - no longer meets criteria specified in rules

Count: 0 records.

ORPHAN SUMMARY

<u>City</u>	<u>EDR ID</u>	<u>Site Name</u>	<u>Site Address</u>	<u>Zip</u>	<u>Database(s)</u>
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

Federal NPL site list

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: 11/14/2018	Source: EPA
Date Data Arrived at EDR: 11/27/2018	Telephone: N/A
Date Made Active in Reports: 12/07/2018	Last EDR Contact: 11/27/2018
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/14/2019
	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: 11/14/2018	Source: EPA
Date Data Arrived at EDR: 11/27/2018	Telephone: N/A
Date Made Active in Reports: 12/07/2018	Last EDR Contact: 11/27/2018
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/14/2019
	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

Federal Delisted NPL site list

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: 11/14/2018
Date Data Arrived at EDR: 11/27/2018
Date Made Active in Reports: 12/07/2018
Number of Days to Update: 10

Source: EPA
Telephone: N/A
Last EDR Contact: 11/27/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Quarterly

Federal CERCLIS list

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: 11/07/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 92

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 10/15/2018
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: 11/14/2018
Date Data Arrived at EDR: 11/27/2018
Date Made Active in Reports: 12/07/2018
Number of Days to Update: 10

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/27/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

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: 11/14/2018	Source: EPA
Date Data Arrived at EDR: 11/28/2018	Telephone: 800-424-9346
Date Made Active in Reports: 12/07/2018	Last EDR Contact: 11/28/2018
Number of Days to Update: 9	Next Scheduled EDR Contact: 01/28/2019
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/01/2018	Source: EPA
Date Data Arrived at EDR: 03/28/2018	Telephone: 800-424-9346
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/07/2019
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: 312-886-6186
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/07/2019
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: 312-886-6186
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/07/2019
	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: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: 312-886-6186
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/07/2019
	Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - 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). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: 312-886-6186
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/07/2019
	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: 10/17/2018	Source: Department of the Navy
Date Data Arrived at EDR: 10/25/2018	Telephone: 843-820-7326
Date Made Active in Reports: 12/07/2018	Last EDR Contact: 10/15/2018
Number of Days to Update: 43	Next Scheduled EDR Contact: 02/25/2019
	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: 07/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/28/2018	Telephone: 703-603-0695
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 11/28/2018
Number of Days to Update: 17	Next Scheduled EDR Contact: 03/11/2019
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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: 07/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/28/2018	Telephone: 703-603-0695
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 11/28/2018
Number of Days to Update: 17	Next Scheduled EDR Contact: 03/11/2019
	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: 09/24/2018
Date Data Arrived at EDR: 09/25/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 45

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/25/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

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

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

Date of Government Version: N/A
Date Data Arrived at EDR: 10/31/2013
Date Made Active in Reports: 11/20/2013
Number of Days to Update: 20

Source: Dept of Environmental Quality
Telephone: 517-284-5103
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: No Update Planned

State and tribal landfill and/or solid waste disposal site lists

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: 09/25/2018
Date Data Arrived at EDR: 09/26/2018
Date Made Active in Reports: 11/06/2018
Number of Days to Update: 41

Source: Dept of Environmental Quality
Telephone: 517-335-4035
Last EDR Contact: 09/26/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

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: 10/02/2018
Date Data Arrived at EDR: 11/14/2018
Date Made Active in Reports: 12/06/2018
Number of Days to Update: 22

Source: Dept of Environmental Quality
Telephone: 517-373-9837
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 02/25/2019
Data Release Frequency: Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/10/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
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: 04/25/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/01/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
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: 04/13/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
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: 04/24/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
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: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

State and tribal registered storage tank lists

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: 05/15/2017	Source: FEMA
Date Data Arrived at EDR: 05/30/2017	Telephone: 202-646-5797
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 10/10/2018
Number of Days to Update: 136	Next Scheduled EDR Contact: 01/21/2019
	Data Release Frequency: Varies

UST: Underground Storage Tank Facility List

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

Date of Government Version: 11/13/2018	Source: Department of Licensing & Regulatory Affairs
Date Data Arrived at EDR: 11/16/2018	Telephone: 517-373-1820
Date Made Active in Reports: 12/07/2018	Last EDR Contact: 11/16/2018
Number of Days to Update: 21	Next Scheduled EDR Contact: 02/25/2019
	Data Release Frequency: Annually

UST 2: Underground Storage Tank Listing

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

Date of Government Version: 04/23/2018	Source: Department of Licensing & Regulatory Affairs
Date Data Arrived at EDR: 04/25/2018	Telephone: 517-373-1820
Date Made Active in Reports: 06/27/2018	Last EDR Contact: 10/15/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 01/28/2019
	Data Release Frequency: Varies

AST: Aboveground Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 09/26/2018	Source: Department of Licensing & Regulatory Affairs
Date Data Arrived at EDR: 09/28/2018	Telephone: 517-373-1820
Date Made Active in Reports: 10/26/2018	Last EDR Contact: 11/09/2018
Number of Days to Update: 28	Next Scheduled EDR Contact: 02/25/2019
	Data Release Frequency: No Update Planned

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: 04/12/2018	Source: EPA Region 5
Date Data Arrived at EDR: 05/18/2018	Telephone: 312-886-6136
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	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: 04/24/2018	Source: EPA Region 7
Date Data Arrived at EDR: 05/18/2018	Telephone: 913-551-7003
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	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).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/10/2018	Source: EPA Region 9
Date Data Arrived at EDR: 05/18/2018	Telephone: 415-972-3368
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	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: 04/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 05/18/2018	Telephone: 214-665-7591
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	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: 04/12/2018	Source: EPA Region 10
Date Data Arrived at EDR: 05/18/2018	Telephone: 206-553-2857
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	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: 04/13/2018	Source: EPA, Region 1
Date Data Arrived at EDR: 05/18/2018	Telephone: 617-918-1313
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/08/2018	Source: EPA Region 4
Date Data Arrived at EDR: 05/18/2018	Telephone: 404-562-9424
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/25/2018	Source: EPA Region 8
Date Data Arrived at EDR: 05/18/2018	Telephone: 303-312-6137
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	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: 09/05/2018
Date Data Arrived at EDR: 09/06/2018
Date Made Active in Reports: 09/13/2018
Number of Days to Update: 7

Source: Dept of Environmental Quality
Telephone: 517-373-4828
Last EDR Contact: 11/21/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Quarterly

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: 09/24/2018
Next Scheduled EDR Contact: 01/07/2019
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: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

State and tribal Brownfields 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: Dept of Environmental Quality
Telephone: 517-373-4805
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
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: 10/23/2018
Date Data Arrived at EDR: 10/24/2018
Date Made Active in Reports: 10/26/2018
Number of Days to Update: 2

Source: Economic Development Corporation
Telephone: 888-522-0103
Last EDR Contact: 10/24/2018
Next Scheduled EDR Contact: 02/04/2019
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: 09/18/2018
Date Data Arrived at EDR: 09/18/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/18/2018
Next Scheduled EDR Contact: 12/31/2018
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: 01/11/2018
Date Data Arrived at EDR: 01/16/2018
Date Made Active in Reports: 01/26/2018
Number of Days to Update: 10

Source: Dept of Environmental Quality
Telephone: 517-241-5719
Last EDR Contact: 09/24/2018
Next Scheduled EDR Contact: 01/07/2019
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: Dept of Environmental Quality
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: 10/25/2018
Next Scheduled EDR Contact: 02/11/2019
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: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
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: 11/02/2018
Next Scheduled EDR Contact: 02/11/2019
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: 09/21/2018	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 09/21/2018	Telephone: 202-307-1000
Date Made Active in Reports: 11/09/2018	Last EDR Contact: 11/26/2018
Number of Days to Update: 49	Next Scheduled EDR Contact: 03/11/2019
	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	Source: Department of Environmental Quality
Date Data Arrived at EDR: 10/03/2014	Telephone: 517-284-5103
Date Made Active in Reports: 10/03/2014	Last EDR Contact: 10/22/2018
Number of Days to Update: 0	Next Scheduled EDR Contact: 02/04/2019
	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: 10/23/2018	Source: Department of Environmental Quality
Date Data Arrived at EDR: 10/24/2018	Telephone: 517-284-5136
Date Made Active in Reports: 10/26/2018	Last EDR Contact: 10/24/2018
Number of Days to Update: 2	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Quarterly

CDL: Clandestine Drug Lab Listing

A listing of clandestine drug lab locations.

Date of Government Version: 02/14/2018	Source: Department of Community Health
Date Data Arrived at EDR: 08/09/2018	Telephone: 517-373-3740
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 10/22/2018
Number of Days to Update: 36	Next Scheduled EDR Contact: 02/04/2019
	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	Source: Dept of Environmental Quality
Date Data Arrived at EDR: 08/01/2013	Telephone: 517-373-9541
Date Made Active in Reports: 09/11/2013	Last EDR Contact: 10/22/2018
Number of Days to Update: 41	Next Scheduled EDR Contact: 02/04/2019
	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: 09/21/2018	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 09/21/2018	Telephone: 202-307-1000
Date Made Active in Reports: 11/09/2018	Last EDR Contact: 11/26/2018
Number of Days to Update: 49	Next Scheduled EDR Contact: 03/11/2019
	Data Release Frequency: Quarterly

Local Land Records

LIENS: Lien List

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

Date of Government Version: 05/04/2018	Source: Dept of Environmental Quality
Date Data Arrived at EDR: 07/24/2018	Telephone: 517-241-7603
Date Made Active in Reports: 08/01/2018	Last EDR Contact: 10/19/2018
Number of Days to Update: 8	Next Scheduled EDR Contact: 01/28/2019
	Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 08/13/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/04/2018	Telephone: 202-564-6023
Date Made Active in Reports: 11/16/2018	Last EDR Contact: 11/27/2018
Number of Days to Update: 43	Next Scheduled EDR Contact: 02/04/2019
	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: 03/26/2018	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 03/27/2018	Telephone: 202-366-4555
Date Made Active in Reports: 06/08/2018	Last EDR Contact: 09/25/2018
Number of Days to Update: 73	Next Scheduled EDR Contact: 01/07/2019
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/10/2018	Source: Dept of Environmental Quality
Date Data Arrived at EDR: 07/26/2018	Telephone: 517-373-8427
Date Made Active in Reports: 08/01/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 6	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Quarterly

Other Ascertainable Records

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

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

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: 312-886-6186
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/07/2019
	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: 01/31/2015	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 07/08/2015	Telephone: 202-528-4285
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 11/19/2018
Number of Days to Update: 97	Next Scheduled EDR Contact: 03/04/2019
	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	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/12/2018
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/21/2019
	Data Release Frequency: Semi-Annually

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: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/12/2018
Number of Days to Update: 339	Next Scheduled EDR Contact: 01/21/2019
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/16/2018
Next Scheduled EDR Contact: 02/25/2019
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: 08/31/2018
Date Data Arrived at EDR: 09/25/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 45

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/25/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

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

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/05/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/09/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/21/2018
Next Scheduled EDR Contact: 12/31/2018
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 01/10/2018
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 2

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/16/2018
Next Scheduled EDR Contact: 03/04/2019
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: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/24/2018
Next Scheduled EDR Contact: 02/04/2019
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: 08/13/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 43

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 11/27/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Annually

RMP: Risk Management Plans

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

Date of Government Version: 08/01/2018
Date Data Arrived at EDR: 08/22/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 44

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 10/23/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 08/13/2018	Source: EPA
Date Data Arrived at EDR: 10/04/2018	Telephone: 202-564-6023
Date Made Active in Reports: 11/09/2018	Last EDR Contact: 10/04/2018
Number of Days to Update: 36	Next Scheduled EDR Contact: 02/18/2019
	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: 09/14/2018	Source: EPA
Date Data Arrived at EDR: 10/11/2018	Telephone: 202-566-0500
Date Made Active in Reports: 12/07/2018	Last EDR Contact: 10/11/2018
Number of Days to Update: 57	Next Scheduled EDR Contact: 01/21/2019
	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: 10/09/2018
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/21/2019
	Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	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: Quarterly

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: Quarterly

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: 08/30/2016	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/08/2016	Telephone: 301-415-7169
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 10/11/2018
Number of Days to Update: 43	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data

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

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 12/05/2018
Number of Days to Update: 76	Next Scheduled EDR Contact: 03/18/2019
	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: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 12/03/2018
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/18/2019
	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: 05/24/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/30/2017	Telephone: 202-566-0517
Date Made Active in Reports: 12/15/2017	Last EDR Contact: 10/26/2018
Number of Days to Update: 15	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

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

Date of Government Version: 10/02/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/03/2018	Telephone: 202-343-9775
Date Made Active in Reports: 11/09/2018	Last EDR Contact: 10/03/2018
Number of Days to Update: 37	Next Scheduled EDR Contact: 01/14/2019
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 10/30/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

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: 09/30/2018
Date Data Arrived at EDR: 10/12/2018
Date Made Active in Reports: 12/07/2018
Number of Days to Update: 56

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/01/2018
Next Scheduled EDR Contact: 12/31/2018
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: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/21/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/09/2018
Next Scheduled EDR Contact: 01/21/2019
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: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 11/01/2018
Next Scheduled EDR Contact: 02/18/2019
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/16/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 08/13/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 43

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 11/27/2018
Next Scheduled EDR Contact: 01/14/2019
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
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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

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

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

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

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

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

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

US MINES: Mines Master Index File

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

Date of Government Version: 08/01/2018
Date Data Arrived at EDR: 08/29/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 37

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/30/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/05/2005	Source: USGS
Date Data Arrived at EDR: 02/29/2008	Telephone: 703-648-7709
Date Made Active in Reports: 04/18/2008	Last EDR Contact: 11/30/2018
Number of Days to Update: 49	Next Scheduled EDR Contact: 03/11/2019
	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	Source: USGS
Date Data Arrived at EDR: 06/08/2011	Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 11/30/2018
Number of Days to Update: 97	Next Scheduled EDR Contact: 03/11/2019
	Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

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

Date of Government Version: 09/10/2018	Source: Department of Interior
Date Data Arrived at EDR: 09/11/2018	Telephone: 202-208-2609
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 12/06/2018
Number of Days to Update: 3	Next Scheduled EDR Contact: 03/25/2019
	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: 08/07/2018	Source: EPA
Date Data Arrived at EDR: 09/05/2018	Telephone: (312) 353-2000
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 12/05/2018
Number of Days to Update: 30	Next Scheduled EDR Contact: 03/18/2019
	Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 09/02/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/05/2018	Telephone: 202-564-2280
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 12/31/2018
Number of Days to Update: 9	Next Scheduled EDR Contact: 03/18/2019
	Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2017	Source: Department of Defense
Date Data Arrived at EDR: 06/19/2018	Telephone: 703-704-1564
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 10/15/2018
Number of Days to Update: 87	Next Scheduled EDR Contact: 01/28/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOCKET HWC: Hazardous Waste Compliance Docket Listing

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

Date of Government Version: 05/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/26/2018	Telephone: 202-564-0527
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 11/30/2018
Number of Days to Update: 71	Next Scheduled EDR Contact: 03/11/2019
	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: 08/22/2018	Source: EPA
Date Data Arrived at EDR: 08/22/2018	Telephone: 800-385-6164
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 11/19/2018
Number of Days to Update: 44	Next Scheduled EDR Contact: 03/04/2019
	Data Release Frequency: Quarterly

AIRS: Permit and Emissions Inventory Data

Permit and emissions inventory data.

Date of Government Version: 09/25/2018	Source: Dept of Environmental Quality
Date Data Arrived at EDR: 09/27/2018	Telephone: 517-373-7074
Date Made Active in Reports: 10/26/2018	Last EDR Contact: 09/17/2018
Number of Days to Update: 29	Next Scheduled EDR Contact: 12/31/2018
	Data Release Frequency: Annually

ASBESTOS: Asbestos Notification Listing

Asbestos

Date of Government Version: 10/31/2018	Source: Department of Licensing & Regulatory Affairs
Date Data Arrived at EDR: 11/06/2018	Telephone: 517-284-7699
Date Made Active in Reports: 12/06/2018	Last EDR Contact: 11/01/2018
Number of Days to Update: 30	Next Scheduled EDR Contact: 02/11/2019
	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: 08/21/2013	Source: Dept of Environmental Quality
Date Data Arrived at EDR: 08/23/2013	Telephone: 517-373-9541
Date Made Active in Reports: 09/12/2013	Last EDR Contact: 11/09/2018
Number of Days to Update: 20	Next Scheduled EDR Contact: 02/25/2019
	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: 10/20/2016	Source: Dept of Environmental Quality
Date Data Arrived at EDR: 02/02/2017	Telephone: 586-753-3754
Date Made Active in Reports: 04/20/2017	Last EDR Contact: 10/01/2018
Number of Days to Update: 77	Next Scheduled EDR Contact: 01/14/2018
	Data Release Frequency: Varies

DRYCLEANERS: Drycleaning Establishments

A listing of drycleaning facilities in Michigan.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/13/2018
Date Data Arrived at EDR: 05/02/2018
Date Made Active in Reports: 06/27/2018
Number of Days to Update: 56

Source: Dept of Environmental Quality
Telephone: 517-335-4586
Last EDR Contact: 10/19/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Quarterly

Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 10/09/2018
Date Data Arrived at EDR: 10/10/2018
Date Made Active in Reports: 10/26/2018
Number of Days to Update: 16

Source: Dept of Environmental Quality
Telephone: 517-335-6610
Last EDR Contact: 10/01/2018
Next Scheduled EDR Contact: 01/14/2019
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: 09/28/2018
Date Data Arrived at EDR: 10/02/2018
Date Made Active in Reports: 10/26/2018
Number of Days to Update: 24

Source: Dept of Environmental Quality
Telephone: 517-335-4034
Last EDR Contact: 09/24/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Varies

FINANCIAL ASSURANCE 3: Financial Assurance Information Listing

Financial assurance information for underground storage tank facilities.

Date of Government Version: 08/24/2017
Date Data Arrived at EDR: 08/24/2017
Date Made Active in Reports: 10/27/2017
Number of Days to Update: 64

Source: Department of Licensing & Regulatory Affairs
Telephone: 517-335-7279
Last EDR Contact: 10/01/2018
Next Scheduled EDR Contact: 01/14/2019
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: 09/15/2015
Date Data Arrived at EDR: 09/16/2015
Date Made Active in Reports: 09/30/2015
Number of Days to Update: 14

Source: Department of Community Health
Telephone: 517-335-9699
Last EDR Contact: 11/30/2018
Next Scheduled EDR Contact: 03/18/2019
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: 08/16/2018
Date Data Arrived at EDR: 10/03/2018
Date Made Active in Reports: 10/26/2018
Number of Days to Update: 23

Source: Dept of Environmental Quality
Telephone: 517-241-1300
Last EDR Contact: 10/03/2018
Next Scheduled EDR Contact: 01/14/2019
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: 07/19/2018
Date Data Arrived at EDR: 07/31/2018
Date Made Active in Reports: 09/13/2018
Number of Days to Update: 44

Source: Dept of Environmental Quality
Telephone: 517-241-1515
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/23/2018
Date Data Arrived at EDR: 11/01/2018
Date Made Active in Reports: 12/06/2018
Number of Days to Update: 35

Source: Dept of Environmental Quality
Telephone: 517-284-6562
Last EDR Contact: 11/15/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 Environmental Quality
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 Environmental Quality
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 Environmental Quality
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.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/12/2018	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 11/14/2018	Telephone: 860-424-3375
Date Made Active in Reports: 12/04/2018	Last EDR Contact: 11/14/2018
Number of Days to Update: 20	Next Scheduled EDR Contact: 02/25/2019
	Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/13/2018	Telephone: N/A
Date Made Active in Reports: 08/01/2018	Last EDR Contact: 10/09/2018
Number of Days to Update: 19	Next Scheduled EDR Contact: 01/21/2019
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/01/2018
Date Data Arrived at EDR: 08/01/2018
Date Made Active in Reports: 08/31/2018
Number of Days to Update: 30

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 10/31/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/27/2018
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/16/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 07/09/2018
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/07/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

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 PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

7850 E JEFFERSON AVE
7850 E JEFFERSON AVE
DETROIT, MI 48214

TARGET PROPERTY COORDINATES

Latitude (North):	42.349619 - 42° 20' 58.63"
Longitude (West):	82.994841 - 82° 59' 41.43"
Universal Transverse Mercator:	Zone 17
UTM X (Meters):	335691.8
UTM Y (Meters):	4690308.5
Elevation:	582 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	6066652 BELLE ISLE, MI
Version Date:	2014
Southwest Map:	6066264 DETROIT, MI
Version Date:	2014

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

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>
26163C0301E	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
26163C0285E	FEMA FIRM Flood data
26163C0303E	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
BELLE ISLE	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>
Not Reported		

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: Devonian
Series: Middle Devonian
Code: D2 (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: clay loam
loamy fine sand
loamy sand

Surficial Soil Types: clay loam
loamy fine sand
loamy sand

Shallow Soil Types: sand
silty clay

Deeper Soil Types: silt loam
sand
clay loam
silty clay

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 0.001 miles
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>
No PWS System Found		

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		

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	MIOG11000078476	1/8 - 1/4 Mile WSW

PHYSICAL SETTING SOURCE MAP - 5509725.2s



DETROIT BO
NELIPIORT

- County Boundary
- Major Roads
- Contour Lines
- Airports
- 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: 7850 E Jefferson Ave
 ADDRESS: 7850 E Jefferson Ave
 Detroit MI 48214
 LAT/LONG: 42.349619 / 82.994841

CLIENT: Applied Science & Technology
 CONTACT: Laura Gray
 INQUIRY #: 5509725.2s
 DATE: December 13, 2018 9:56 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1

WSW

1/8 - 1/4 Mile

OIL_GAS

MIOG11000078476

Gas/Oil:	6304	API Well #:	21163615047000
Permit #:	0	Completion:	0
Well Type:	TH	Well Status:	Unknown
Bore Type:	Mineral (Non-Confidential)	Slant:	V
Total Depth Drilled:	790	True Vertical Depth:	0
Kickoff Point of TVD:	0	Deepest Formation:	SYLVANIA
Formation Tops:	Not Reported	Production Formation:	Not Reported
Production Unit #:	0	Production Unit:	Not Reported
Lease Name:	Detroit Naval Armory	Well #:	1
Operator #:	7471	Company Name:	United States Navy
Surface Owner:	Not Reported	State Owned Land:	0
Federally Owned Land:	0	Permit Date:	Not Reported
Plug Date:	Not Reported	H2S Concentration:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: MI Radon

Radon Test Results

Zipcode	Test Date	LT Sign	Result
48214	8/26/2005		1.5
48214	2/27/2006		1.3
48214	2/15/2005		1.1
48214	12/10/2002		1.0
48214	2/15/2005		1.0
48214	8/26/2005	<	0.3
48214	4/10/2006		0.5
48214	2/15/2005		0.7
48214	8/26/2005		0.6
48214	8/26/2005		0.7
48214	8/26/2005		0.8
48214	8/28/2006		0.8
48214	5/21/2008		0.6
48214	10/9/2009		0.8
48214	8/26/2005		2.7
48214	8/25/2006		3.8
48214	11/9/2000	<	0.3
48214	8/26/2005		4.9
48214	8/26/2005		4.0
48214	8/26/2005		4.2

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.

Federal Area Radon Information for Zip Code: 48214

Number of sites tested: 3

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	1.067 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

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**CLOSURE REPORT
SUNOCO RIVER ROUGE TERMINAL
8005 JEFFERSON AVENUE
DETROIT, MICHIGAN 48213
DUNS #0001-4944**

SECOR Project No: S0006-017-01

April 29, 1998

Prepared For:

Paul M. Renberg, P.E.
Sun Company, Inc.
500 South Dix Avenue
Detroit, Michigan 48213

Prepared By:

SECOR International Incorporated
27280 Haggerty Road, Suite C-11
Farmington Hills, Michigan 48331



Proj # 443851

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY - UNDERGROUND STORAGE TANK DIVISION



LEAKING UNDERGROUND STORAGE TANK CLOSURE REPORT

INSTRUCTIONS: COMPLETION OF THIS REPORT WITH ALL APPLICABLE INFORMATION IS MANDATORY. The Certified Underground Storage Tank Professional (CP) MUST sign below. Failure to submit this report within the stated time period may result in Administrative Penalties as provided for in Part 213, Section 21321 of Act 451, P.A. 1994 as amended.

FACILITY NAME: Sunoco Food Mart, DUNS #0001-4944 FACILITY ID NUMBER: 0-005944
ADDRESS: 8005 Jefferson Avenue, Detroit, Michigan. COUNTY: Wayne MERA SITE ID NUMBER: NA
DATE(S) RELEASE DISCOVERED: August 6, 1990 CONFIRMED RELEASE NUMBER(S): C-1439-90
O/O NAME: Sun Company, Inc. MUSTFA CLAIM NUMBER: NA
O/O ADDRESS: 500 S. Dix Avenue, Detroit, Michigan, 48213.
CONTACT PERSON: Mr. Paul Renberg, P.E. PHONE NUMBER: 313-849-2708

ANSWER ALL QUESTIONS, (DO NOT LEAVE BLANKS):

- 1. Has the UST been emptied? Yes [X] No (If no, explain why): Release was from a leaking pump, which was repaired.
2. Free product present: a. Currently? YES [] NO [X] If YES, total gallons recovered since last report:
b. Previously? YES [] NO [X] If YES, total gallons recovered to date:
3. Have vapors been identified in any confined spaces (basement, sewers)? YES [] NO [X]
4. State the number of homes where drinking water is or was affected as a result of a release from this facility: None
5. Estimated distance and direction from point of release to nearest:
a. Private well: >1/2 Mile b. Municipal well: >1/2 Mile c. Surface water/wetland: 1000 feet
6. Since last report: a. cubic yards of soil remediated: 0 b. gallons of groundwater remediated: 0
7. Totals to date: a. cubic yards of soil remediated: 0 b. gallons of groundwater remediated: 0
8. Michigan RBCA Site Classification (1-4): 4

CERTIFICATION OF REPORT COMPLETION

I, the undersigned CP, hereby attest to the best of my knowledge and belief that the statements in this document and all attachments are true, accurate and complete. I certify that it was submitted to the USTD on May 19, 1998 (date submitted-Required)

Jeffrey D. Goedel CP Original Signature - Required Date 5/18/98

Darrell P. Grassmyer PRINT QC Project Manager's Name

Jeffrey D. Goedel, C.P.G. PRINT CP's Name

SECOR International Incorporated CONSULTANT

27280 Haggerty Road, Suite C-11, Farmington Hills, Michigan 48331 ADDRESS

(248) 489-5900 TELEPHONE NO.

(248) 489-1088 FAX NO.

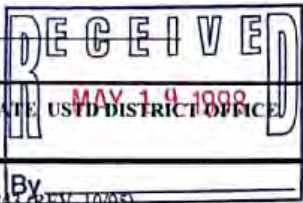
CERTIFICATION OF CLOSURE

- 1. Type of RBCA Evaluation: [X] Tier 1 Tier 2 [] Tier 3
2. Closure report based on which type of land use?: [X] Residential [] Commercial III [] Commercial IV Industrial
3. Institutional Controls: [X] None Notice of Corrective Action Restrictive Covenant

I certify under penalty of law that corrective actions associated with the above referenced release at this facility were completed in accordance with Part 213, Act 451, P.A. 1994 as amended, and current departmental guidance and procedures available at this time.

I further certify that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment for knowing violations.

Jeffrey D. Goedel CP Signature - Required Date 5/18/98



PLEASE RETURN THIS COMPLETED REPORT AND ASSOCIATED ATTACHMENTS TO THE APPROPRIATE USTD DISTRICT OFFICE LISTED ON THE BACK OF THIS PAGE.

CLOSURE REPORT (Continued)
UNDERGROUND STORAGE TANK DIVISION OFFICES AND LOCATIONS

Determine in which county the UST release occurred. Return all completed forms and associated reports to the USTD office listed next to that county in the following table. Addresses for the USTD offices are listed below.

COUNTY	USTD OFFICE	COUNTY	USTD OFFICE	COUNTY	USTD OFFICE	COUNTY	USTD OFFICE
Alcona	Grayling	Dickinson	Marquette	Lake	Grayling	Oceana	Grand Rapids
Alger	Marquette	Eaton	Shiawassee	Lapeer	Shiawassee	Ogemaw	Grayling
Allegan	Plainwell	Emmet	Grayling	Leelanau	Grayling	Ontonagon	Marquette
Alpena	Grayling	Genesee	Shiawassee	Lenawee	Jackson	Osceola	Grayling
Antrim	Grayling	Gladwin	Grayling	Livingston	Shiawassee	Oscoda	Grayling
Arenac	Grayling	Gogebic	Marquette	Luce	Marquette	Otsego	Grayling
Baraga	Marquette	Grand Traverse	Grayling	Mackinac	Marquette	Ottawa	Grand Rapids
Barry	Plainwell	Gratiot	Shiawassee	Macomb	SE Michigan	Presque Isle	Grayling
Bay	Saginaw-Bay	Hillsdale	Jackson	Manistee	Grayling	Roscommon	Grayling
Benzie	Grayling	Houghton	Marquette	Marquette	Marquette	Saginaw	Saginaw-Bay
Bernie	Plainwell	Huron	Saginaw-Bay	Mason	Grayling	Sanilac	Saginaw-Bay
Branch	Jackson	Ingham	Shiawassee	Mecosta	Grand Rapids	Schoolcraft	Marquette
Calhoun	Jackson	Ionia	Grand Rapids	Menominee	Marquette	Shiawassee	Shiawassee
Cass	Plainwell	Iosco	Grayling	Midland	Saginaw-Bay	St Clair	SE Michigan
Charlevoix	Grayling	Iron	Marquette	Missaukee	Grayling	St Joseph	Plainwell
Cheboygan	Grayling	Isabella	Saginaw-Bay	Monroe	SE Michigan	Tuscola	Saginaw-Bay
Chippewa	Marquette	Jackson	Jackson	Montcalm	Grand Rapids	Van Buren	Plainwell
Clare	Grayling	Kalamazoo	Plainwell	Montmorency	Grayling	Washtenaw	Jackson
Clinton	Shiawassee	Kalkaska	Grayling	Muskegon	Grand Rapids	Wayne	SE Michigan
Crawford	Grayling	Kent	Grand Rapids	Newaygo	Grand Rapids	Wexford	Grayling
Delta	Marquette	Keweenaw	Marquette	Oakland	SE Michigan		

<u>CADILLAC OFFICE</u> ROUTE #1 8015 MACKINAW TRAIL CADILLAC MI 49601 616-775-9727 (PHONE) 616-775-9671 (FAX)	<u>JACKSON OFFICE</u> 301 E LOUIS GLICK HIGHWAY JACKSON MI 49201 517-780-7900 (PHONE) 517-780-7855 (FAX)	<u>SAGINAW BAY OFFICE</u> 503 N EUCLID AVE SUITE 9 BAY CITY MI 48706 517-684-9141 (PHONE) 517-684-9799 (FAX)
<u>GAYLORD OFFICE</u> PO BOX 667 GAYLORD MI 49735 517-732-3541 (PHONE) 517-732-0794 (FAX)	<u>MARQUETTE OFFICE</u> 1990 US 41 SOUTH MARQUETTE MI 49855 906-228-6561 (PHONE) 906-228-5245 (FAX)	<u>SHIAWASSEE OFFICE</u> 10650 BENNETT DR MORRICE MI 48857-9792 517-625-4600 (PHONE) 517-625-5000 (FAX)
<u>GRAND RAPIDS OFFICE</u> 350 OTTAWA ST NW GRAND RAPIDS MI 49503 616-456-5071 (PHONE) 616-456-1239 (FAX)	<u>PLAINWELL OFFICE</u> 1342 SR-89 SUITE B PLAINWELL MI 49080-1915 616-692-2120 (PHONE) 616-692-3050 (FAX)	<u>SE MICHIGAN OFFICE</u> 38980 SEVEN MILE RD LIVONIA MI 48152 313-953-0241 (PHONE) 313-953-0243 (FAX)
<u>GRAYLING OFFICE</u> 1955 NORTH I-75 BL GRAYLING MI 49738 517-348-6371 (PHONE) 517-348-8825 (FAX)		

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LIST OF ATTACHMENTS

(Include as Required and Check Box if Attached)

Attachments 1 - 6, 9 and 12 are to be submitted if applicable.

Attachments 7,8, 10, 11, 13 and 14 are found in the back of this document and should be completed and submitted when necessary to certify closure.

ATTACHMENT NUMBER	DESCRIPTION
----------------------	-------------

- | | | |
|----|-------------------------------------|---|
| 1 | <input type="checkbox"/> | Schematic Drawing of the Remedial System |
| 2 | <input type="checkbox"/> | Public Notification Document(s) |
| 3 | <input type="checkbox"/> | Permission of Property Owner to File a Notice of Corrective Action |
| 4 | <input type="checkbox"/> | Permission of Property Owner to File a Notice of Restrictive Covenant |
| 5 | <input checked="" type="checkbox"/> | Site Map Showing the Extent of the Former Soil Contamination and the Soil Verification Sampling Locations |
| 6 | <input type="checkbox"/> | Excavation Drawing Showing Soil Verification Sampling Locations |
| 7 | <input checked="" type="checkbox"/> | Data Table Showing All Soil Verification Sampling Results (Laboratory) |
| 8 | <input checked="" type="checkbox"/> | Comparison Table for Soil Verification |
| 9 | <input checked="" type="checkbox"/> | Site Map Showing the Extent of the Former Groundwater Contamination and the Groundwater Verification Sampling Locations |
| 10 | <input checked="" type="checkbox"/> | Data Table Showing All Groundwater Verification Sampling Results (Laboratory) |
| 11 | <input checked="" type="checkbox"/> | Comparison Table for Groundwater Verification |
| 12 | <input type="checkbox"/> | Site Map Showing the Extent of the Former Other Media Contamination and the Other Media Verification Sampling Locations |
| 13 | <input type="checkbox"/> | Data Table Showing All Other Media Verification Sampling Results (Laboratory) |
| 14 | <input type="checkbox"/> | Comparison Table for Other Media Verification |

1.0 PROJECT CHRONOLOGY

- | | |
|---|-----------------------|
| A. Date Confirmed Release Discovered: | <u>8/6/1990</u> |
| B. Date Confirmed Release Report Submitted: | <u>8/9/1990</u> |
| C. Date Initial Assessment Report Submitted: | <u>Not Applicable</u> |
| D. Other Milestone Date (Specify: Initial Abatement Measures Report): | <u>8/13/1990</u> |
| E. Other Milestone Date (Specify: Free Product Removal, Site Characterization, and Site Investigation Work Plan Reports): | <u>8/15/1990</u> |
| F. Other Milestone Date (Specify: Site Investigation Report): | <u>9/17/1991</u> |
| G. Other Milestone Date (Specify: Phase I Site Investigation Work Plan): | <u>10/4/1991</u> |
| H. Other Milestone Date (Specify: Phase II Site Investigation Report): | <u>11/25/1992</u> |
| I. Date Final Assessment Report Submitted: | <u>Not Applicable</u> |
| J. Other Milestone Date (Specify: Update Report): | <u>8/12/1996</u> |
| K. Date Closure Report Submitted: | <u>5/19/1998</u> |

2.0 DE MINIMIS CLASSIFICATION

- A. Was this a *de minimis* spill as defined in Section 324.21302(e)? Yes No

NOTE: If "Yes", complete questions "B" and "C" below and only the following remaining sections of this Closure Report: 3.1, 3.2, 3.6, 4.1, and the Cover Sheet Certification.

- B. Volume of soil remediated or disposed to date:
C. Disposal facility name(s) and location(s):

3.0 SUMMARY OF CORRECTIVE ACTION ACTIVITIES PERFORMED

Summarize the overall program and the primary components of the corrective action performed at the facility by addressing each project phase identified below that was relevant to this site and its remediation. Include a schematic drawing of the remedial system (Attachment No. 1). Attach additional sheets, if necessary.

Not Applicable

3.1 RELEASE REPORTING

- A. List the source(s) of the release and the location(s) where contamination was first discovered:

The source of the release was a meter bracket on premium unleaded pump #6, located in the fuel dispenser island shown on Attachment 5. According to site files, a confirmed release was reported to the Michigan Department of Natural Resources (MDNR) on August 6, 1990. The pump was inspected because of complaints from customers that the pump was operating very slowly. The inspection revealed that approximately 20 gallons of premium unleaded gasoline were released into the soils underlying the pump. The meter bracket was repaired and tested prior to returning it to service.

3.2 IMMEDIATE RESPONSE ACTION IMPLEMENTATION

- A. Date Began: 8/6/90
B. Date Completed: 8/10/90
C. List the initial response actions performed (excluding free product removal):

Initial response actions performed on August 6, 1990 by Sun Company, Inc. (SUN) maintenance personnel included: Shutting the power off to dispenser unit number 6; Inspection of dispenser unit number 6 to determine that the meter bracket beneath the dispenser was the source of the release; The meter bracket was repaired and the pump tested prior to placing unit number 6 back into service; Investigation for the presence of free product beneath dispenser of unit number 6; and, investigating the storm drain catch basins on and off-site and underground utility manholes surrounding the site for the presence of free product and/or organic vapors. On August 10, 1990, personnel from ATEC Associates, Inc. (ATEC) visited the site to confirm the source of the product release, and to investigate utility manholes and storm drains around the site for the presence of free product and/or organic vapors.

3.3 FREE PRODUCT DISCOVERY AND REMOVAL

- A. Was free product discovered? Yes No

If "No", skip to Section 3.4; if "Yes", complete questions "B" through "G"

- B. Date Free Product Discovered: _____ / _____ / _____
C. Date Free Product Reported to USTD: _____ / _____ / _____
D. Date Free Product Removal Began: _____ / _____ / _____
E. Date Free Product Removal Completed: _____ / _____ / _____
F. Briefly describe the approach used to remove or recover the free product:
G. Total Quantity of Free Product Recovered: _____ gallons

3.4 SITE ASSESSMENT ACTIVITIES

- A. Date Initial Assessment Began: 9/17/91
B. Date Initial Assessment Completed: 2/17/95
C. Check the environmental media sampled and analyzed during this phase of investigation: _____
(Check all that apply)

- Soil Air Sediments Other *Specify*: _____
 Groundwater Surface Water Biota _____

- D. Briefly describe the sampling and analysis performed during the initial assessment phase for each medium checked above:

On April 11, 1991, ATEC personnel installed four soil borings (SB/MW-1, SB/MW-2, SB/MW-3 and SB/MW-4) which were completed as monitoring wells. Soil and groundwater samples were collected from each boring and submitted to ATEC Analytical Testing Division (ATEC ATD) in Indianapolis, Indiana for analysis of benzene, toluene, ethylbenzene, total xylenes (BTEX) and polynuclear aromatic (PNAs) compounds according to United

States Environmental Protection Agency (USEPA or EPA) analytical Methods 8240 and 8310, respectively.

On March 5, 1992, ATEC personnel installed three additional soil borings (SB/MW-5, SB/MW-6, and SB/MW-7) which were completed as monitoring wells. Soil samples were collected from each boring and submitted to GTEL Environmental Laboratories (GTEL) in Milford, New Hampshire for BTEX and PNA analysis according to EPA Methods 8020 and 8310, respectively.

On April 5, 1992 ATEC returned to the site and completed SB-8 in the East Jefferson Avenue right-of-way as a soil boring only. On April 6, 1992 soil samples were collected from the SB-5, SB-6, and SB-7 locations to replace the samples collected on March 5, 1992, which were broken in shipment to the laboratory. The samples were submitted along with the new SB-8 soil samples to GTEL in Wichita, Kansas for BTEX and PNA analysis according to EPA Methods 8020 and 8310, respectively.

Groundwater samples were collected from MW-1 through MW-7 on March 19 and May 27, 1992 and submitted to GTEL in Wichita, Kansas for laboratory analysis of BTEX according to EPA Method 602 and PNAs according to EPA Methods 8310 (March samples) and 610 (May samples).

On December 22, 1993, ATEC personnel drilled two additional soil borings (SB/MW-9 and SB/MW-10) which were completed as monitoring wells. The borings were installed for delineation purposes. Two soil samples were collected from each boring and submitted to ATEC ATD in Indianapolis, Indiana for laboratory analysis of BTEX/methyl tert-butyl ether (MTBE) and PNA compounds according to EPA Methods 8020 and 8310, respectively.

On February 14 and 15, 1995, ATEC installed four additional soil borings/monitoring wells (SB/MW-11, SB/MW-12, SB/MW-13, and SB/MW-14) to further delineate the site. Soil samples collected from each boring were submitted to RECRA Environmental, Inc. (RECRA) in Amherst, New York for laboratory analysis of BTEX/MTBE and PNA compounds according to EPA Methods 8020 and 8310, respectively.

ATEC personnel collected groundwater samples from the site monitoring wells intermittently during their investigation of site subsurface impacts. The last groundwater sampling activities conducted by ATEC personnel were on July 12, 1996. Groundwater samples were collected from MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7, MW-9, MW-10, MW-11, MW-12, and MW-13 and were submitted to Canton Analytical Laboratory, Inc. (CAL) in Canton, Michigan for BTEX/MTBE and PNA analysis according to EPA Methods 8020 and 8310, respectively.

- E. Date Final Assessment Began: 2/97
F. Date Final Assessment Completed: 12/97
G. Check the environmental media sampled and analyzed during this phase of investigation:
(Check all that apply)
- | | | | |
|---|--|------------------------------------|--------------------------------|
| <input checked="" type="checkbox"/> Soil | <input type="checkbox"/> Air | <input type="checkbox"/> Sediments | <input type="checkbox"/> Other |
| <input checked="" type="checkbox"/> Groundwater | <input type="checkbox"/> Surface Water | <input type="checkbox"/> Biota | (Specify): _____ |

H. Briefly describe the additional sampling and analysis performed during the final assessment phase for each medium checked above:

On September 1, 1996, SECOR International Incorporated (SECOR) was contracted by Sun Company, Inc. (SUN) to complete the site investigation phase of the project.

Groundwater samples from MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-9, MW-10, MW-11, MW-12, MW-13, and MW-14 were submitted to Fibertec Environmental Services (Fibertec) in Wixom, Michigan in February, 1997 for BTEX/MTBE and PNA analysis according to EPA Analytical Methods 602 and 625, respectively. MW-7 was not sampled because it could not be located. SB-8 was completed as a soil boring only, and therefore a groundwater sample could not be collected from it. Based upon the analytical results from the February, 1997 sampling, a list of wells (MW-1, MW-3, MW-10, MW-11 and MW-12) to be sampled on a quarterly basis was established. Groundwater samples were collected from the wells on the list in May, 1997 and submitted to Brighton Analytical, Inc. in Brighton, Michigan for BTEX/MTBE and PNA analysis according to EPA Analytical Methods 602 and 625, respectively. The location of the site monitoring wells are shown on Attachment 9.

SECOR personnel collected groundwater samples in August and December, 1997 for closure verification. Based upon the BTEX/MTBE and PNA analytical results from these final two sampling events, SECOR is submitting this Closure Report by utilizing Tier I Criteria for Direct Contact with groundwater.

I. Briefly describe and explain any differences between the Work Plan submitted with the Initial Assessment Report and the site characterization work performed:

The release was confirmed before July 21, 1995, therefore the additional groundwater monitoring was completed to determine if the site meets Tier I Criteria. An Initial Assessment Report and Work Plan are not required for this site.

3.5 SITE CLASSIFICATION

A. Date of Initial Classification:

Site classification according to RBCA guidelines did not exist at the time of the confirmed release in August, 1990. However, the site is currently classified as a Class 4 Site.

B. Initial Classification Level:

Class 1 Class 2 Class 3 Class 4

C. Date of Most Recent Reclassification (if any): NA

D. Most Recent Reclassification Level:

Class 1 Class 2 Class 3 Class 4

E. Briefly describe the justification for any reclassifications: Not Applicable.

3.6 TIERED EVALUATIONS AND CLEANUP GOALS

A. What levels of evaluation were performed for this site?

(Check all that apply)

Tier I Tier II Tier III

Groundwater Direct Contact Criteria

B. If a Tier II or Tier III evaluation was performed, describe the most significant alternate assumptions, models, or site-specific information used in place of the default assumptions, models, or model parameters: Not Applicable.

C. What was the ultimate basis for the cleanup goals established for this facility?
(Check only those that apply):

	ON-SITE			OFF-SITE		
	Soil	Groundwater	Other Media	Soil	Groundwater	Other Media
RESIDENTIAL	<input checked="" type="checkbox"/> Tier I <input type="checkbox"/> Tier II <input type="checkbox"/> Tier III	<input checked="" type="checkbox"/> Tier I <input type="checkbox"/> Tier II <input type="checkbox"/> Tier III	<input type="checkbox"/> Tier II <input type="checkbox"/> Tier III	<input checked="" type="checkbox"/> Tier I <input type="checkbox"/> Tier II <input type="checkbox"/> Tier III	<input checked="" type="checkbox"/> Tier I <input type="checkbox"/> Tier II <input type="checkbox"/> Tier III	<input type="checkbox"/> Tier II <input type="checkbox"/> Tier III
COMMERCIAL III	<input type="checkbox"/> Tier I <input type="checkbox"/> Tier II <input type="checkbox"/> Tier III	<input type="checkbox"/> Tier I <input type="checkbox"/> Tier II <input type="checkbox"/> Tier III	<input type="checkbox"/> Tier II <input type="checkbox"/> Tier III	<input type="checkbox"/> Tier I <input type="checkbox"/> Tier II <input type="checkbox"/> Tier III	<input type="checkbox"/> Tier I <input type="checkbox"/> Tier II <input type="checkbox"/> Tier III	<input type="checkbox"/> Tier II <input type="checkbox"/> Tier III
COMMERCIAL IV	<input type="checkbox"/> Tier I <input type="checkbox"/> Tier II <input type="checkbox"/> Tier III	<input type="checkbox"/> Tier I <input type="checkbox"/> Tier II <input type="checkbox"/> Tier III	<input type="checkbox"/> Tier II <input type="checkbox"/> Tier III	<input type="checkbox"/> Tier I <input type="checkbox"/> Tier II <input type="checkbox"/> Tier III	<input type="checkbox"/> Tier I <input type="checkbox"/> Tier II <input type="checkbox"/> Tier III	<input type="checkbox"/> Tier II <input type="checkbox"/> Tier III
INDUSTRIAL	<input type="checkbox"/> Tier I <input type="checkbox"/> Tier II <input type="checkbox"/> Tier III	<input type="checkbox"/> Tier I <input type="checkbox"/> Tier II <input type="checkbox"/> Tier III	<input type="checkbox"/> Tier II <input type="checkbox"/> Tier III	<input type="checkbox"/> Tier I <input type="checkbox"/> Tier II <input type="checkbox"/> Tier III	<input type="checkbox"/> Tier I <input type="checkbox"/> Tier II <input type="checkbox"/> Tier III	<input type="checkbox"/> Tier II <input type="checkbox"/> Tier III

3.7 PUBLIC NOTICE

If implementation of the corrective action plan will result in anything other than unrestricted land use or unlimited resource use, notice must be provided to the public directly impacted by the release and the planned corrective action.

A. Will implementation of the corrective action plan result in any restrictions to land use or limitations on resource use? Yes No

If "No", skip to Section 3.9; if "Yes", continue with question "B" below.

B. Describe all land use or resource use limitations associated with the implemented corrective action:

C. Was USTD guidance used to establish the form and content of the Public Notice? (See Attachment No. 20 to the "Guidance Document for Risk-Based Corrective Action at Leaking Underground Storage Tanks".) Yes No

D. If "No", provide an explanation:

E. Attach a copy of the public notification document(s) used to provide the required public notice. (Include as Attachment No. 2.)

F. Identify the individuals or segments of the public that were provided notice of the proposed land use restrictions or limitations to be placed on resource use:

G. Describe the mechanism(s) by which the directly impacted public was notified

3.8 NOTICE OF CORRECTIVE ACTION, DECLARATION OF RESTRICTIVE COVENANT, AND OTHER RESTRICTIVE MECHANISMS

If the corrective action depends on the use of institutional controls or other land use restrictions, a Notice of Corrective Action (for corrective actions based on Tier I clean-up criteria with institutional controls or land use restrictions) or a Declaration of Restrictive Covenant (for corrective actions based on Tier II or III clean-up criteria with institutional controls or land use restrictions) must be recorded with the Register of Deeds for the County in which the site is located.

A. Does the corrective action depend on the use of institutional controls or other land use or resource use restrictions? Yes No

If "No", skip to Section 3.9; if "Yes", continue with question "B" below.

B. Was a Notice of Corrective Action as defined in Section 324.21310a(1) required as part of the corrective action? Yes No

If "No", skip to question "P"; if "Yes", continue with question "C" below.

C. Was USTD guidance used to establish the form and content of the notice? (See Attachment No. 20 to the "Guidance Document for Risk-Based Corrective Action at Leaking Underground Storage Tanks"). Yes No

D. If "No", provide an explanation: _____

E. Date the Notice of Corrective Action was submitted to the USTD for approval: _____/_____/_____

F. Date of USTD approval of the Notice of Corrective Action: _____/_____/_____

G. Was the Notice of Corrective Action recorded with the Register of Deeds for the County in which the site is located? Yes No

H. If "No", provide an explanation; then skip to question "P": _____

If "Yes", provide the following:

I. Date Recorded: _____/_____/_____

J. County Where Site is Located: _____

K. Register of Deeds Contact Name: _____

L. Register of Deeds Telephone No.: _____

M. Person Filing: _____

N. Is the person filing the property owner? Yes No

O. If "No", attach a copy of the written permission for the filing from the property owner. (Include as Attachment No. 3.)

P. Was a Restrictive Covenant as defined in Section 324.21310a(2) required as part of the Corrective Action? Yes No

If "No", skip to question "II"; if "Yes", continue with question "Q" below.

Q. Was USTD guidance used to establish the form and content of the Declaration of Restrictive Covenant? (See Attachment No. 20 to the "Guidance Document for Risk-Based Corrective Action at Leaking Underground Storage Tanks".) Yes No

R. If "No", provide an explanation: _____

S. Date the Declaration of Restrictive Covenant was submitted to the USTD: _____/_____/_____

T. Date of USTD approval of the Declaration of Restrictive Covenant: _____/_____/_____

U. Was the Declaration of Restrictive Covenant recorded with the Register of Deeds for the County in which the site is located? Yes No

V. If "No", provide an explanation: _____

If "Yes", provide the following:

W. Date Recorded: _____/_____/_____

X. County Where Site is Located: _____

Y. Register of Deeds Contact Name: _____

Z. Register of Deeds Telephone Number: _____

AA. Person Filing: Yes No

BB. Is the person filing the property owner?

CC. If "No", attach a copy of the written permission for the filing from the property owner. (Include as Attachment No. 4.)

Does the restrictive covenant include: Yes No

DD. Provisions that the restrictions run with the land? Yes No

EE. Provisions that restrictions are binding on the owner's successors, assigns, and lessees? Yes No

FF. Provisions that restrictions are binding until the USTD determines that the regulated substances no longer present an unacceptable risk? Yes No

GG. A survey and description of the property addressed by the corrective action plan? Yes No

HH. The scope of any land use or resource use restrictions? Yes No

II. Was an alternate mechanism to restrict exposure to regulated substances as defined in Section 324.21310a(3) associated with the Corrective Action? Yes No

If "No", skip to Section 3.9; if "Yes", continue with question "JJ" below.

JJ. Describe the alternate restrictive mechanism(s) associated with the corrective action. (Check all that apply):

Ordinance prohibiting certain activities to control exposures to regulated substances. (Specify the prohibited activity):

Other mechanism. (Describe): _____

KK. Date other restrictive mechanism(s) was submitted to USTC for approval: _____ / _____ / _____

LL. Date of USTC approval of the alternative restrictive mechanism: _____ / _____ / _____

3.9 PERMITS

A. List all discharge permits required for the corrective action: **No permits are required.**

Type of Permit	Permit No.	Application Date	Approval Date-

3.10 CORRECTIVE ACTIONS

A. Description of activities performed:

Initial response actions performed on August 6, 1990 by SUN maintenance personnel included: Shutting the power off to dispenser unit number 6; Inspection of dispenser unit number 6 to determine that the meter bracket beneath the dispenser was the source of the release; The meter bracket was repaired and the pump tested prior to placing unit number 6 back into service; Investigation for the presence of free product beneath dispenser unit number 6; and, investigating the storm drain catch basins on and off-site and underground utility manholes surrounding the site for the presence of free product and/or organic vapors. On August 10, 1990, personnel from ATEC Associates, Inc. (ATEC) visited the site to confirm the source of the product release, and to investigate utility manholes and storm drains around the site for the presence of free product and/or organic vapors.

Corrective actions beyond the collection of soil and groundwater samples are unnecessary, because all analytical results indicate that the site may be closed under a "no action" decision utilizing Tier I Direct Contact Criteria.

B. Was the corrective action implemented as outlined in the Corrective Action Plan section of the Final Assessment Report? Yes No

A Final Assessment Report (FAR) was not required because of the date of the release.

C. If "No", summarize the changes and provide justification for why these changes were necessary. (Attach additional sheets, if necessary):

A FAR was not required due to the date of the release.

3.11 PERFORMANCE MONITORING

- A. Date Performance Monitoring Began: NA
B. Date Performance Monitoring Completed: NA
C. Describe the types of monitoring activities performed, and the media and parameters monitored:

4.0 CLOSURE VERIFICATION SAMPLING

- A. Date Corrective Action Plan Implemented: NA
B. Date Corrective Actions Completed: NA

4.1 VERIFICATION OF SOIL REMEDIATION

A. Was the MDEQ guidance document "Verification of Soil Remediation Guidance Document" (Attachment No. 25 of the "Guidance Document for Risk-Based Corrective Action at Leaking Underground Storage Tanks") used to prepare the soil verification sampling plan?

Yes No

B. If "No", provide an explanation: **No remedial action was performed at the site.**

C. If "Yes", under what category did the site fall? "Small Site" "Medium or Large Site"

D. Describe the soil verification sampling strategy applied at the site by providing the following. (Attach additional sheets, as necessary):

- Scaled site map (Attachment No. 5) which identifies the former extent of the soil contamination, and the soil verification sampling locations relative to existing site features. (Multiple chemical contaminants and multiple sample depths should be addressed on the minimum number of site maps needed to convey the information with clarity and legibility).

Attachment Number 5 is included.

For a corrective action involving excavation, a scaled drawing(s) (Attachment No. 6) showing the floor and walls of the excavation and the associated sampling locations. The drawing should also depict the subsurface stratigraphy, soil types, fractures, discolored soil locations, and adjoining conduits or potential migration pathways, as appropriate. **Not Applicable.**

E. Describe how the number of samples collected for soil verification purposes was established:

Soil borings SB/MW-1, SB/MW-2, and SB/MW-3 were installed in the immediate vicinity of the leaking dispenser, shown on Attachment 5. Borings SB/MW-4, SB/MW-5, SB/MW-6, SB/MW-7, SB/MW-9, and SB/MW-10, were installed on-site and SB-8, SB/MW-11, SB/MW-12, SB/MW-13, and SB/MW-14 were installed off-site for delineation purposes.

The soil borings were completed with a 6.25-inch inner diameter hollow stem auger drill rig. ATEC personnel supervised the installation of the soil borings/monitoring wells and completed a geologic log and construction details of each monitoring well. Soil samples were collected on a continuous basis using a 2.0-inch diameter, 2.0-foot long split spoon soil sampler to document changes in lithology and for field screening purposes (except for SB-8, which was installed with a hand auger). Each sample was divided into separate glass sample jars. One portion of the sample was immediately placed on ice and the other was kept at ambient temperature to be field screened with a photoionization detector (PID) for total organic vapors. The PID readings were recorded on each geologic boring log. The soil sample exhibiting the highest PID reading and/or the sample from the bottom of the borehole was submitted for laboratory analysis. Auger cuttings generated from drilling activities were disposed at an off-site landfill.

F. List the analytical parameters used to verify the soil remediation:

The soil samples collected from SB/MW-1, SB/MW-2, SB/MW-3, and SB/MW-4 were submitted to ATEC Analytical Testing Division (ATEC ATD) in Indianapolis, Indiana for BTEX and PNA analysis according to EPA Analytical Methods 8240 and 8310, respectively.

The soil samples collected from SB/MW-5, SB/MW-6, SB/MW-7 were submitted to GTEL in Wichita, Kansas for BTEX and PNA analysis according to EPA Analytical Methods 8020 and 8310, respectively.

The soil samples collected from SB/MW-9 and SB/MW-10 were submitted to ATEC in Indianapolis, Indiana for laboratory analysis of BTEX/MTBE and PNA analysis according to EPA Analytical Methods 8020 and 8310, respectively.

The soil samples collected from SB/MW-11, SB/MW-12, SB/MW-13, and SB/MW-14 were submitted to RECRA in Amherst, New York for BTEX and PNA analysis according to EPA Analytical Methods 8020 and 8310, respectively.

SB/MW-12 was resampled. Two soil samples (SS1-2' and SS1-6') were collected on 3/4/98 and were submitted to Brighton Analytical in Brighton, Michigan for BTEX and PNA analysis according to EPA Analytical Methods 8021 and 8270, respectively.

G. Were all soil verification samples analyzed, preserved, and handled in accordance with the USTD guidance document entitled "Guidance for Parameters, Analytical Methods, Sample Handling, Quality Control, and Cleanup Limits for Petroleum Hydrocarbon Releases" (Attachment No. 12 of the "Guidance Document for Risk-Based Corrective Action at Leaking Underground Storage Tanks")?

Yes No

SECOR cannot verify if the samples collected by other consultants have been preserved and handled according to the USTD guidelines. However, for the purpose of this report, SECOR

assumes that all the soil samples were preserved and handled according to the USTD guidelines.

H. If "No", provide an explanation for any differences: _____

I. Attach data tables presenting the analytical results of all on-site and off-site soil verification sampling performed in the attached Laboratory Results table format (Attachment No. 7). Include all pertinent sample results submitted previously with the Initial Assessment Report or Final Assessment Report. (NOTE: The USTD may request copies of the laboratory data sheets, chain of custody forms, and all available QA/QC information relating to these verification samples.)

Attachment No. 7 is included. Except for two soil samples collected by SECOR on 3/4/98 (resampling of SB/MW-12), all soil sample collection was conducted by ATEC personnel, and results of laboratory soil analysis have been included in reports previously submitted to the Michigan Department of Environmental Quality (MDEQ).

J. Attach a Comparison Table for Soil Verification (Attachment No. 8) to demonstrate that the established target cleanup levels have been attained in accordance with the applicable MDEQ/USTD closure guidance.

Attachment No. 8 is included, which illustrates that the maximum detected concentrations are below residential direct contact RBSLs.

K. Total volume of soil remediated or disposed to date:

7 yds³

L. Disposal facility name(s) and location(s): BFI Arbor Hills Landfill, Northville, Michigan and BFI - Lyon Development, New Hudson, Michigan.

4.2 VERIFICATION OF GROUNDWATER REMEDIATION

A. Was the USTD "Groundwater and Soil Closure Guidance" (Attachment No. 26 of the "Guidance Document for Risk-Based Corrective Action at Leaking Underground Storage Tanks") used to prepare the groundwater verification sampling plan? Yes No

B. If "No", provide an explanation: No remedial action was performed at the site.

Describe the groundwater verification sampling strategy applied at the site by answering questions "C" through "G". (Attach additional sheets, as necessary):

C. Attach a scaled site map (Attachment No. 9) that identifies the former extent of the groundwater contamination and the groundwater verification sampling locations relative to existing site features. (Multiple chemical contaminants and multiple aquifer/sample depths should be addressed on the minimum number of site maps needed to convey the information with clarity and legibility.)

Attachment Number 9 is included, which presents the most recent groundwater analytical results (Quarterly Sampling for 1997). Previous analytical results were submitted by ATEC to the MDEQ.

D. Describe how the sampling frequency and duration of sampling used for groundwater verification purposes was established:

Groundwater samples from MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-9, MW-10, MW-11, MW-12, MW-13, and MW-14 were submitted to Fibertec Environmental Services (Fibertec) in Wixom, Michigan in February, 1997 for BTEX/MTBE and PNA analysis according to EPA Analytical Methods 602 and 625, respectively. MW-7 was not sampled because it could not be located. SB-8 was not completed as a monitoring well, therefore a groundwater sample could not be collected from it. Based upon the analytical results from the February, 1997 sampling, a list of wells (MW-1, MW-3, MW-10, MW-11 and MW-12) to be sampled on a quarterly basis was established. Groundwater samples were collected from the wells on the list in May, August, and December, 1997 and submitted to Brighton Analytical, Inc. in Brighton, Michigan for BTEX/MTBE and PNA analysis according to EPA Analytical Methods 602 and 625, respectively. The location of the site monitoring wells are shown on Attachment 9.

The quarterly sampling frequency of selected site monitoring wells is in accordance with Attachment 12 of the MDEQ Guidance Document for RBCA at LUST Sites, Natural Resource and Environmental Protection Act 1994, PA 451, Part 213, as Amended.

The site monitoring wells were sampled to verify that all analytical results were below MDEQ Tier I Direct Contact (DC) Risk Based Screening Levels (RBSLs), at which point quarterly sampling of the wells was determined to be no longer necessary.

A single groundwater sample was collected from MW-4 on February 7, 1998 for verification purposes. The previous sample, collected on February 12, 1997, indicated concentrations of PNAs above MDEQ Tier I Direct Contact Criteria. The most recent sample indicated no concentrations of BTEX/MTBE or PNAs above method detection limits.

E. List the analytical parameters used to verify the groundwater remediation, and the justification for their selection:

The groundwater samples collected in February, 1997 were submitted to Fibertec in Wixom, Michigan for BTEX/MTBE and PNA analysis according to EPA Analytical Methods 602 and 625, respectively. The groundwater samples collected from the wells on the list in May, 1997 were submitted to Brighton Analytical, Inc. in Brighton, Michigan for BTEX/MTBE and PNA analysis according to EPA Analytical Methods 602 and 625, respectively. Analytical parameters for each sample were chosen according to Attachment 12 of the MDEQ Guidance Document for RBCA at LUST Sites, Natural Resources and Environmental Protection Act of 1994, PA 451, Part 213, as Amended.

F. Were all groundwater verification samples analyzed, preserved, and handled in accordance with the USTG guidance document entitled "Guidance for Parameters, Analytical Methods, Sample Handling, Quality Control, and Cleanup Limits for Petroleum Hydrocarbon Releases" (Attachment No. 12 of the "Guidance Document for Risk-based Corrective Action at Leaking Underground Storage Tanks")? Yes No

G. If "No", provide an explanation for any differences: _____

H. Attach data tables presenting the analytical results of all on-site and off-site groundwater verification sampling performed in the attached Laboratory Results table format (Attachment No. 10). Include applicable sample results submitted previously with the Initial Assessment Report or Final Assessment Report. (NOTE: The USTD may request copies of laboratory data sheets, chain of custody forms, and all available QA/QC information relating to these verification samples.)

Attachment No. 10 is included. It includes groundwater sample results from the 1997 Quarterly Sampling events and the verification sample collected in February, 1998. Groundwater samples collected previous to 1997 were already submitted to the MDEQ and are not included in this report.

I. Attach a Comparison Table for Groundwater Verification (Attachment No. 11) to demonstrate that the established target cleanup levels have been attained in accordance with the applicable MDEQ /USTD closure guidance.

Attachment No. 11 is included.

For corrective actions involving the operation of a groundwater treatment system, answer questions "J" through "N". Otherwise, skip to question "O".

J. Were the target cleanup levels met for six consecutive months (minimum of two quarterly samplings) with the treatment system operating? Yes No

K. If "No", provide an explanation:

L. Were the sample results from all wells used for verification at or below the target cleanup levels for a full year (minimum of four quarterly samplings) after the remedial system was turned off? Yes No

M. If "No", provide an explanation:

For corrective actions where no groundwater remediation was required, answer questions "O" through "P". Otherwise, skip to Section 4.3.

N. Total volume of groundwater remediated to date: 0 gallons

O. Were the target cleanup levels met for at least one sampling event? Yes No

P. If "No", provide an explanation: _____

4.3 VERIFICATION OF REMEDIATION FOR OTHER MEDIA

A. Was the corrective action for this site implemented for any media other than soil or groundwater? Yes No

If "Yes", continue with questions "B" through "J" answering each question in the series for each of the other environmental media remediated. If "No", complete the Cover Sheet Certification and quit.

B. What other environmental media were remediated as part of this corrective action?
(Check all that apply):

- Air Sediments Other (Specify): _____
 Surface Water Biota _____

Describe the verification sampling strategy applied at the site by providing the following information pertaining to each of the other media remediated. (Attach additional sheets, as necessary.)

C. Provide a scaled site or area map (Attachment No. 12) which identifies the former extent of the contamination in each of these other media and the verification sampling locations relative to existing site features and boundaries. (Multiple chemical contaminants should be addressed on the minimum number of site or area maps needed to convey the information with clarity and legibility.)

D. Describe how the sampling frequency and duration of sampling used for verification purposes in each of these other media was established: _____

E. List the analytical parameters used to verify the specified remediation in each of these other media, and the justification for their selection: _____

F. Were all verification samples associated with each of these other media analyzed, preserved, and handled in accordance with the USTC guidance document entitled "Guidance for Parameters, Analytical Methods, Sample Handling, Quality Control, and Cleanup Limits for Petroleum Hydrocarbon Releases" (Attachment No. 12 of the "Guidance Document for Risk-Based Corrective Action at Leaking Underground Storage Tanks" to the maximum extent possible)? Yes No

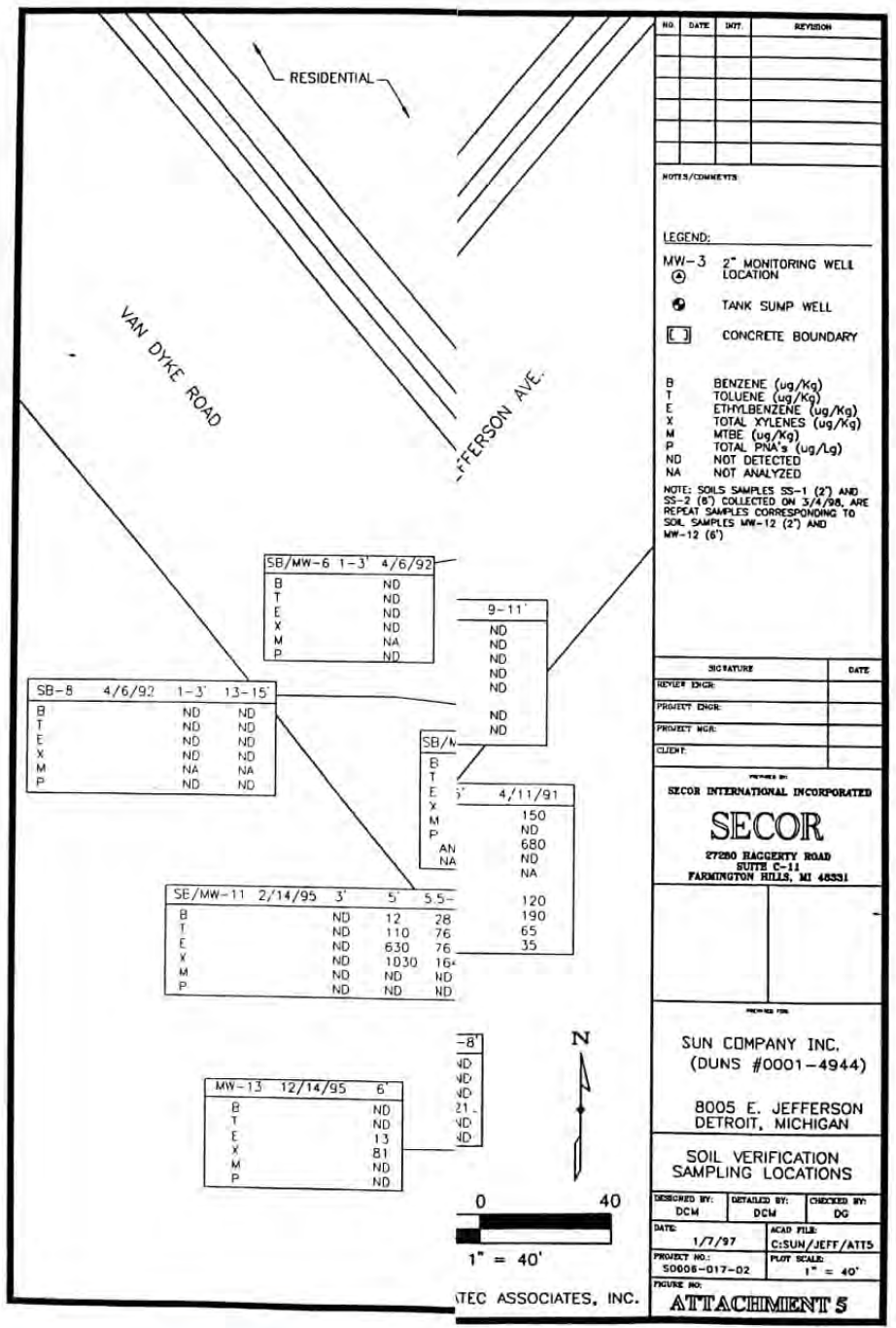
G. If "No", provide an explanation for any differences: _____

H. Attach data tables presenting the results of all on-site and off-site verification sampling performed for each of these other media in the attached Laboratory Results table format (Attachment No. 13). Include applicable sample results submitted previously with the Initial Assessment Report or Final Assessment Report. (NOTE: The USTC may request copies of laboratory data sheets, chain of custody forms, and all available QA/QC information relating to these verification samples.)

I. Attach a Verification Comparison Table for each of the other remediated media (Attachment No. 14) to demonstrate that the established target cleanup levels have been attained in accordance with the applicable MDEQ /USTC closure guidance.

J. Estimated volume of each of the other specified media remediated, or treated or disposed to date (specify units): _____

ATTACHMENT 5



NO.	DATE	BY	REVISION

NOTES/COMMENTS

LEGEND:

MW-3 2" MONITORING WELL LOCATION

TANK SUMP WELL

CONCRETE BOUNDARY

B BENZENE (ug/Kg)
 T TOLUENE (ug/Kg)
 E ETHYLBENZENE (ug/Kg)
 X TOTAL XYLENES (ug/Kg)
 M MTBE (ug/Kg)
 P TOTAL PNA's (ug/Lg)
 ND NOT DETECTED
 NA NOT ANALYZED

NOTE: SOILS SAMPLES SS-1 (2') AND SS-2 (6') COLLECTED ON 3/4/98. ARE REPEAT SAMPLES CORRESPONDING TO SOIL SAMPLES MW-12 (2') AND MW-12 (6')

SIGNATURE	DATE
REVIEW ENGR:	
PROJECT ENGR:	
PROJECT MGR:	
CLIENT:	

DESIGNED BY:
 SECOR INTERNATIONAL INCORPORATED
SECOR
 27280 RAGGERTY ROAD
 SUITE C-11
 FARMINGTON HILLS, MI 48331

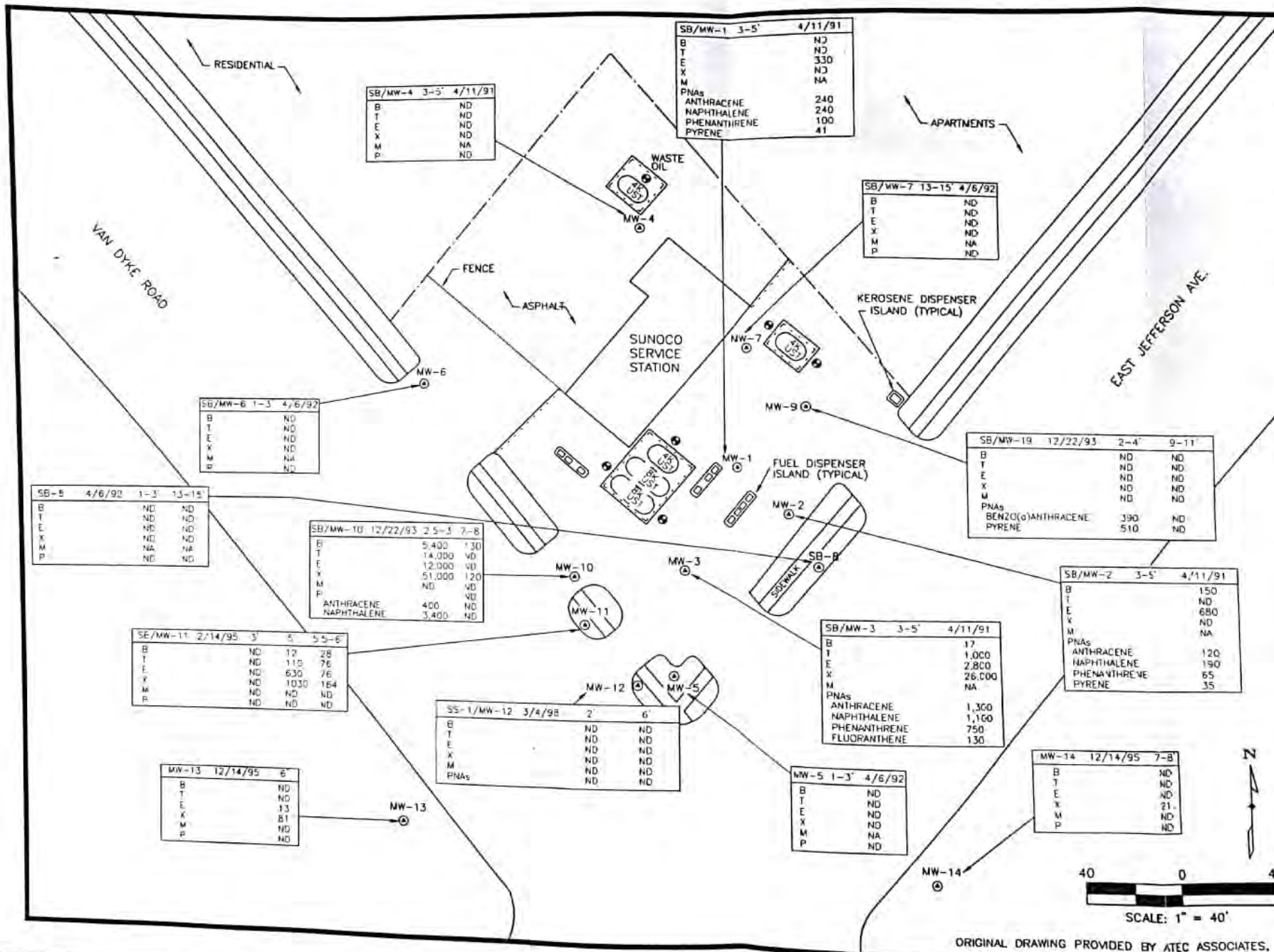
DESIGNED BY:
 SUN COMPANY INC.
 (DUNS #0001-4944)
 8005 E. JEFFERSON
 DETROIT, MICHIGAN

SOIL VERIFICATION SAMPLING LOCATIONS

DESIGNED BY: DCM	DETAILED BY: DCM	CHECKED BY: DG
DATE: 1/7/97	ACAD FILE: C:\SUN\JEFF\ATTS	PROJECT NO.: S0008-017-02
PROJECT NO.:	PLAT SCALE: 1" = 40'	FIGURE NO.:

ATTACHMENT 5

TEC ASSOCIATES, INC.



NO.	DATE	REV.	REVISION

NOTES/COMMENTS:

LEGEND:

MW-3 2" MONITORING WELL LOCATION

⊙ TANK SUMP WELL

▭ CONCRETE BOUNDARY

B BENZENE (ug/Kg)
 T TOLUENE (ug/Kg)
 E ETHYLBENZENE (ug/Kg)
 X TOTAL XYLENES (ug/Kg)
 M MTBE (ug/Kg)
 P TOTAL PNA's (ug/Lg)
 ND NOT DETECTED
 NA NOT ANALYZED

NOTE: SOLID SAMPLES SS-1 (7) AND SS-2 (6) COLLECTED ON 3/4/98. ARE REPEAT SAMPLES CORRESPONDING TO SOL SAMPLES MW-12 (2) AND MW-12 (6)

SIGNATURE	DATE
REVIEW ENGINEER	
PROJECT ENGINEER	
PROJECT NO.	
CLIENT	

SECOR INTERNATIONAL INCORPORATED

SECOR

87280 HAZGERTY ROAD
 SUITE C-11
 FARMINGTON HILLS, MI 48331

SUN COMPANY INC.
 (DUNS #0001-4944)

8005 E. JEFFERSON
 DETROIT, MICHIGAN

SOIL VERIFICATION SAMPLING LOCATIONS

DESIGNED BY: DCM	DRAWN BY: DCM	CHECKED BY: DG
DATE: 1/7/97	ACAD FILE: C:\SUN\JEFF\ATTS	
PROJECT NO.: SD006-017-02	PLOT SCALE: 1" = 40'	
FIGURE NO.:		

ORIGINAL DRAWING PROVIDED BY ATEC ASSOCIATES, INC.

ATTACHMENT 5

Scanned by CamScanner

ATTACHMENT 7

VOLATILES										
Sample ID	SB/MW-1		SB/MW-2		SB/MW-3		SB/MW-4		SB/MW-5	
Sample Depth (feet BGS)	3-5		3-5		3-5		3-5		1-3	
Date Collected	4/11/91		4/11/91		4/11/91		4/11/91		4/6/92	
Date Extracted	4/23/91		4/22/91		4/23/91		4/23/91		4/16/92	
Date Analyzed	4/23/91		4/22/91		4/23/91		4/23/91		4/16/92	
Analytical Method No.	8240		8240		8240		8240		8020	
Collection Method*	SS		SS		SS		SS		SS	
CONSTITUENT (ug/kg)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Benzene	<5	5	150	50	17	10	<5	5	<10	10
<input checked="" type="checkbox"/> Toluene	<5	5	<50	50	1,000	10	<5	5	<10	10
<input checked="" type="checkbox"/> Ethylbenzene	330	5	680	50	2,800	10	<5	5	<10	10
<input checked="" type="checkbox"/> Total Xylenes	<5	5	<50	50	26,000	10	<5	5	<30	30
<input type="checkbox"/> MTBE										

ATTACHMENT NO. 7 (CONTINUED) PAGE 2 OF 10
SOIL VERIFICATION SAMPLING RESULTS (LABORATORY)
FACILITY NAME Sunoco Food Mart, DUNS #0001-4944
FACILITY NUMBER: 0-005944

POLYNUCLEAR AROMATICS										
Sample ID	SB/MW-1		SB/MW-2		SB/MW-3		SB/MW-4		SB/MW-5	
Sample Depth (feet BGS)	3-5		3-5		3-5		3-5		1-3	
Date Collected	4/11/91		4/11/91		4/11/91		4/11/91		4/6/92	
Date Extracted	4/16/91		4/16/91		4/16/91		4/16/91		4/13/92	
Date Analyzed	4/23/91		4/23/91		4/23/91		4/23/91		4/21/92	
Analytical Method No.	8310		8310		8310		8310		8310	
Collection Method*	SS		SS		SS		SS		SS	
CONSTITUENT (ug/l)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Acenaphthene	<33	33	<33	33	<33	33	<33	33	<33	33
<input checked="" type="checkbox"/> Acenaphthylene	<33	33	<33	33	<33	33	<33	33	<33	33
<input checked="" type="checkbox"/> Anthracene	240	33	120	33	1,300	33	<33	33	<33	33
<input checked="" type="checkbox"/> Benzo(a)anthracene	<33	33	<33	33	<33	33	<33	33	<33	33
<input checked="" type="checkbox"/> Benzo(a)pyrene	<33	33	<33	33	<33	33	<33	33	<33	33
<input checked="" type="checkbox"/> Benzo(b)fluoranthene	<33	33	<33	33	<33	33	<33	33	<33	33
<input checked="" type="checkbox"/> Benzo(g,h,i)perylene	<33	33	<33	33	<33	33	<33	33	<33	33
<input checked="" type="checkbox"/> Benzo(k)fluoranthene	<33	33	<33	33	<33	33	<33	33	<33	33
<input checked="" type="checkbox"/> Chrysene	<33	33	<33	33	<33	33	<33	33	<33	33
<input checked="" type="checkbox"/> Dibenzo(a,h)anthracene	<33	33	<33	33	<33	33	<33	33	<33	33
<input checked="" type="checkbox"/> Fluoranthene	<33	33	<33	33	130	33	<33	33	<33	33
<input checked="" type="checkbox"/> Fluorene	<33	33	<33	33	<33	33	<33	33	<33	33
<input checked="" type="checkbox"/> Indeno(1,2,3-cd)pyrene	<33	33	<33	33	<33	33	<33	33	<33	33
<input checked="" type="checkbox"/> Naphthalene	240	33	190	33	1,100	33	<33	33	<33	33
<input checked="" type="checkbox"/> Phenanthrene	100	33	65	33	750	33	<33	33	<33	33
<input checked="" type="checkbox"/> Pyrene	41	33	35	33	<33	33	<33	33	<33	33

BGS = Below Ground Surface

* Collection Method Codes (List all that apply): Grab Sample (GS), Split Spoon (SS), Hand Auger (HA), Geoprobe (GP), Continuous Corer (CC), Soil Gas (SG), Cone Penetrometer (CP), Hydropunch (HP)

If Other (OT), specify here: _____

MDL = Method Detection Limit

ATTACHMENT NO. 7 (CONTINUED) PAGE 3 OF 10
 SOIL VERIFICATION SAMPLING RESULTS (LABORATORY)
 FACILITY NAME Sunoco Food Mart, DUNS #0001-4944
 FACILITY NUMBER: 0-005944

VOLATILES										
Sample ID	SB/MW-6		SB/MW-7		SB-8		SB-8		SB/MW-9	
Sample Depth (feet BGS)	1-3		13-15		1-3		13-15		2-4	
Date Collected	4/6/92		4/6/92		4/6/92		4/6/92		12/22/93	
Date Extracted	4/14/92		4/14/92		4/14/92		4/14/92		1/3/94	
Date Analyzed	4/14/92		4/14/92		4/14/92		4/14/92		1/3/94	
Analytical Method No.	8020		8020		8020		8020		8020	
Collection Method*	SS		SS		SS		SS		SS	
CONSTITUENT (ug/kg)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Benzene	<10	10	<10	10	<10	10	<10	10	<10	10
<input checked="" type="checkbox"/> Toluene	<10	10	<10	10	<10	10	<10	10	<10	10
<input checked="" type="checkbox"/> Ethylbenzene	<10	10	<10	10	<10	10	<10	10	<10	10
<input checked="" type="checkbox"/> Total Xylenes	<30	30	<30	30	<30	30	<30	30	<10	10
<input checked="" type="checkbox"/> MTBE	NA	NA	NA	NA	NA	NA	NA	NA	<100	100

BGS = Below Ground Surface

* Collection Method Codes (List all that apply): Grab Sample (GS), Split Spoon (SS), Hand Auger (HA), Geoprobe (GP), Continuous Corer (CC), Soil Gas (SG), Cone Penetrometer (CP), Hydropunch (HP)

If Other (OT), specify here: _____

MDL = Method Detection Limit

ATTACHMENT NO. 7 (CONTINUED) PAGE 4 OF 10
 SOIL VERIFICATION SAMPLING RESULTS (LABORATORY)
 FACILITY NAME Sunoco Food Mart, DUNS #0001-4944
 FACILITY NUMBER: 0-005944

POLYNUCLEAR AROMATICS										
Sample ID	SB/MW-6		SB/MW-7		SB-8		SB-8		SB/MW-9	
Sample Depth (feet BGS)	1-3		13-15		1-3		13-15		2-4	
Date Collected	4/6/92		4/6/92		4/6/92		4/6/92		12/22/93	
Date Extracted	4/13/92		4/13/92		4/13/92		4/13/92		12/28/94	
Date Analyzed	4/21/92		4/22/92		4/22/92		4/22/92		1/1/94	
Analytical Method No.	8310		8310		8310		8310		8310	
Collection Method*	SS		SS		SS		SS		SS	
CONSTITUENT (ug/l)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Acenaphthene	<33	33	<33	33	<33	33	<33	33	<330	330
<input checked="" type="checkbox"/> Acenaphthylene	<33	33	<33	33	<33	33	<33	33	<330	330
<input checked="" type="checkbox"/> Anthracene	<33	33	<33	33	<33	33	<33	33	<330	330
<input checked="" type="checkbox"/> Benzo(a)anthracene	<33	33	<33	33	<33	33	<33	33	390	330
<input checked="" type="checkbox"/> Benzo(a)pyrene	<33	33	<33	33	<33	33	<33	33	<330	330
<input checked="" type="checkbox"/> Benzo(b)fluoranthene	<33	33	<33	33	<33	33	<33	33	<330	330
<input checked="" type="checkbox"/> Benzo(g,h,i)perylene	<33	33	<33	33	<33	33	<33	33	<330	330
<input checked="" type="checkbox"/> Benzo(k)fluoranthene	<33	33	<33	33	<33	33	<33	33	<330	330
<input checked="" type="checkbox"/> Chrysene	<33	33	<33	33	<33	33	<33	33	<330	330
<input checked="" type="checkbox"/> Dibenzo(a,h)anthracene	<33	33	<33	33	<33	33	<33	33	<330	330
<input checked="" type="checkbox"/> Fluroanthene	<33	33	<33	33	<33	33	<33	33	<330	330
<input checked="" type="checkbox"/> Fluorene	<33	33	<33	33	<33	33	<33	33	<330	330
<input checked="" type="checkbox"/> Indeno(1,2,3-cd)pyrene	<33	33	<33	33	<33	33	<33	33	<330	330
<input checked="" type="checkbox"/> Naphthalene	<33	33	<33	33	<33	33	<33	33	<330	330
<input checked="" type="checkbox"/> Phenanthrene	<33	33	<33	33	<33	33	<33	33	<330	330
<input checked="" type="checkbox"/> Pyrene	<33	33	<33	33	<33	33	<33	33	510	330

BGS = Below Ground Surface

* Collection Method Codes (List all that apply):¹ Grab Sample (GS), Split Spoon (SS), Hand Auger (HA), Geoprobe (GP), Continuous Corer (CC), Soil Gas (SG), Cone Penetrometer (CP), Hydropunch (HP)

If Other (OT), specify here: _____

MDL = Method Detection Limit

ATTACHMENT NO. 7 (CONTINUED) PAGE 5 OF 10
SOIL VERIFICATION SAMPLING RESULTS (LABORATORY)
FACILITY NAME Sunoco Food Mart, DUNS #0001-4944
FACILITY NUMBER: 0-005944

VOLATILES										
Sample ID	SB/MW-9		SB/MW-10		SB/MW-10		SB/MW-11		SB/MW-11	
Sample Depth (feet BGS)	9-11		2.5-3		7-8		3		5	
Date Collected	12/22/93		12/22/93		12/22/93		2/15/95		2/15/95	
Date Extracted	12/29/93		12/29/93		12/30/93		2/21/95		2/21/95	
Date Analyzed	12/29/93		12/29/93		12/30/93		2/21/95		2/21/95	
Analytical Method No.	8020		8020		8020		8020		8020	
Collection Method*	SS		SS		SS		SS		SS	
CONSTITUENT (ug/kg)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Benzene	<10	10	5,400	2,500	130	50	<10	10	12	10
<input checked="" type="checkbox"/> Toluene	<10	10	14,000	2,500	<50	50	<10	10	110	10
<input checked="" type="checkbox"/> Ethylbenzene	<10	10	12,000	2,500	<50	50	<10	10	630	10
<input checked="" type="checkbox"/> Total Xylenes	<10	10	51,000	2,500	120	50	<10	10	1,030	10
<input checked="" type="checkbox"/> MTBE	<100	100	<25,000	25,000	<500	500	<100	100	<100	100

BGS = Below Ground Surface

* Collection Method Codes (List all that apply): Grab Sample (GS), Split Spoon (SS), Hand Auger (HA), Geoprobe (GP), Continuous Corer (CC), Soil Gas (SG), Cone Penetrometer (CP), Hydropunch (HP)

If Other (OT), specify here: _____

MDL = Method Detection Limit

ATTACHMENT NO. 7 (CONTINUED) PAGE 6 OF 10
 SOIL VERIFICATION SAMPLING RESULTS (LABORATORY)
 FACILITY NAME Sunoco Food Mart, DUNS #0001-4944
 FACILITY NUMBER: 0-005944

POLYNUCLEAR AROMATICS										
Sample ID	SB/MW-9		SB/MW-10		SB/MW-10		SB/MW-11		SB/MW-11	
Sample Depth (feet BGS)	9-11		2.5-3		7-8		3		5	
Date Collected	12/22/93		12/22/93		12/22/93		2/15/95		2/15/95	
Date Extracted	12/28/93		12/28/93		12/28/93		3/1/95		3/1/95	
Date Analyzed	1/1/94		1/1/94		1/1/94		3/1/95		3/1/95	
Analytical Method No.	8310		8310		8310		8310		8310	
Collection Method*	SS		SS		SS		SS		SS	
CONSTITUENT (ug/l)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Acenaphthene	<33	33	<330	330	<330	330	<330	330	<330	330
<input checked="" type="checkbox"/> Acenaphthylene	<33	33	<330	330	<330	330	<330	330	<330	330
<input checked="" type="checkbox"/> Anthracene	<33	33	400	330	<330	330	<330	330	<330	330
<input checked="" type="checkbox"/> Benzo(a)anthracene	<33	33	<330	330	<330	330	<330	330	<330	330
<input checked="" type="checkbox"/> Benzo(a)pyrene	<33	33	<330	330	<330	330	<330	330	<330	330
<input checked="" type="checkbox"/> Benzo(b)fluoranthene	<33	33	<330	330	<330	330	<330	330	<330	330
<input checked="" type="checkbox"/> Benzo(g,h,i)perylene	<33	33	<330	330	<330	330	<330	330	<330	330
<input checked="" type="checkbox"/> Benzo(k)fluoranthene	<33	33	<330	330	<330	330	<330	330	<330	330
<input checked="" type="checkbox"/> Chrysene	<33	33	<330	330	<330	330	<330	330	<330	330
<input checked="" type="checkbox"/> Dibenzo(a,h)anthracene	<33	33	<330	330	<330	330	<330	330	<330	330
<input checked="" type="checkbox"/> Fluoroanthene	<33	33	<330	330	<330	330	<330	330	<330	330
<input checked="" type="checkbox"/> Fluorene	<33	33	<330	330	<330	330	<330	330	<330	330
<input checked="" type="checkbox"/> Indeno(1,2,3-cd)pyrene	<33	33	<330	330	<330	330	<330	330	<330	330
<input checked="" type="checkbox"/> Naphthalene	<33	33	3,400	330	<330	330	<330	330	<330	330
<input checked="" type="checkbox"/> Phenanthrene	<33	33	<330	330	<330	330	<330	330	<330	330
<input checked="" type="checkbox"/> Pyrene	<33	33	<330	330	<330	330	<330	330	<330	330

BGS = Below Ground Surface

* Collection Method Codes (List all that apply): Grab Sample (GS), Split Spoon (SS), Hand Auger (HA), Geoprobe (GP), Continuous Corer (CC), Soil Gas (SG), Cone Penetrometer (CP), Hydropunch (HP)

If Other (OT), specify here: _____

MDL = Method Detection Limit

ATTACHMENT NO. 7 (CONTINUED) PAGE 7 OF 10
 SOIL VERIFICATION SAMPLING RESULTS (LABORATORY)
 FACILITY NAME Sunoco Food Mart, DUNS #0001-4944
 FACILITY NUMBER: 0-005944

VOLATILES										
Sample ID	SB/MW-11		SB/MW-12**		SS-1		SB/MW-12**		SS-1	
Sample Depth (feet BGS)	5.5-6		2		2		6		6	
Date Collected	2/15/95		2/14/95		3/3/98		2/14/95		3/3/98	
Date Extracted	2/21/95		2/21/95		3/4/98		2/21/95		3/4/98	
Date Analyzed	2/21/95		2/21/95		3/4/98		2/21/95		3/4/98	
Analytical Method No.	8020		8020		8021		8020		8021	
Collection Method*	SS		SS		SS		SS		SS	
CONSTITUENT (ug/kg)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Benzene	28	10	140	10	<10	10	<10	10	<10	10
<input checked="" type="checkbox"/> Toluene	76	10	29	10	<10	10	<10	10	<10	10
<input checked="" type="checkbox"/> Ethylbenzene	76	10	220	10	<10	10	13	10	<10	10
<input checked="" type="checkbox"/> Total Xylenes	164	10	168	10	<30	10	81	10	<30	10
<input checked="" type="checkbox"/> MTBE	<100	100	110	100	<100	100	<100	100	<100	100

** Soil samples SB/MW-12(2') and SB/MW-12(6') were resampled on 3/3/98. The corresponding resampled samples are SS-1(2') and SS-1(6'). Soil samples SB/MW-12(2') and SB/MW-12(6') are not considered in the comparison table for soil verification (attachment-8).

BGS = Below Ground Surface

* Collection Method Codes (List all that apply): Grab Sample (GS), Split Spoon (SS), Hand Auger (HA), Geoprobe (GP), Continuous Corer (CC), Soil Gas (SG), Cone Penetrometer (CP), Hydropunch (HP)

If Other (OT), specify here: _____

MDL = Method Detection Limit

ATTACHMENT NO. 7 (CONTINUED) PAGE 8 OF 10
SOIL VERIFICATION SAMPLING RESULTS (LABORATORY)
FACILITY NAME Sunoco Food Mart, DUNS #0001-4944
FACILITY NUMBER: 0-005944

POLYNUCLEAR AROMATICS										
Sample ID	SB/MW-11		SB/MW-12**		SS-1		SB/MW-12**		SS-1	
Sample Depth (feet BGS)	5.5-6		2		2		6		6	
Date Collected	2/15/95		2/14/95		3/3/98		2/14/95		3/3/98	
Date Extracted	3/1/95		3/2/95		3/10/98		3/2/95		3/10/98	
Date Analyzed	3/1/95		3/2/95		3/12/98		3/2/95		3/12/98	
Analytical Method No.	8310		8310		8270		8310		8270	
Collection Method*	SS		SS		SS		SS		SS	
CONSTITUENT (ug/l)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Acenaphthene	<330	330	6,700	330	<330	330	490	330	<330	330
<input checked="" type="checkbox"/> Acenaphthylene	<330	330	<330	330	<330	330	<330	330	<330	330
<input checked="" type="checkbox"/> Anthracene	<330	330	1,600	330	<330	330	2,500	330	<330	330
<input checked="" type="checkbox"/> Benzo(a)anthracene	<330	330	3,400	330	<330	330	4,800	330	<330	330
<input checked="" type="checkbox"/> Benzo(a)pyrene	<330	330	5,000	330	<330	330	5,400	330	<330	330
<input checked="" type="checkbox"/> Benzo(b)fluoranthene	<330	330	4,300	330	<330	330	5,600	330	<330	330
<input checked="" type="checkbox"/> Benzo(g,h,i)perylene	<330	330	2,900	330	<330	330	4,100	330	<330	330
<input checked="" type="checkbox"/> Benzo(k)fluoranthene	<330	330	1,900	330	<330	330	2,900	330	<330	330
<input checked="" type="checkbox"/> Chrysene	<330	330	3,300	330	<330	330	4,500	330	<330	330
<input checked="" type="checkbox"/> Dibenzo(a,h)anthracene	<330	330	3,400	330	<330	330	4,400	330	<330	330
<input checked="" type="checkbox"/> Fluoranthene	<330	330	11,000	330	<330	330	16,000	330	<330	330
<input checked="" type="checkbox"/> Fluorene	<330	330	530	330	<330	330	1,000	330	<330	330
<input checked="" type="checkbox"/> Indeno(1,2,3-cd)pyrene	<330	330	2,800	330	<330	330	3,600	330	<330	330
<input checked="" type="checkbox"/> Naphthalene	<330	330	<330	330	<330	330	<330	330	<330	330
<input checked="" type="checkbox"/> Phenanthrene	<330	330	2,700	330	<330	330	5,700	330	<330	330
<input checked="" type="checkbox"/> Pyrene	<330	330	8,500	330	<330	330	13,000	330	<330	330

** Soil samples SB/MW-12(2') and SB/MW-12(6') were resampled on 3/3/98. The corresponding resampled samples are SS-1(2') and SS-1(6').
 Soil samples SB/MW-12(2') and SB/MW-12(6') are not considered in the comparison table for soil verification (attachment-8).

BGS = Below Ground Surface

* Collection Method Codes (List all that apply): Grab Sample (GS), Split Spoon (SS), Hand Auger (HA), Geoprobe (GP), Continuous Corer (CC), Soil Gas (SG), Cone Penetrometer (CP), Hydropunch (HP)

If Other (OT), specify here: _____

MDL = Method Detection Limit

ATTACHMENT NO. 7 (CONTINUED) PAGE 9 OF 10
 SOIL VERIFICATION SAMPLING RESULTS (LABORATORY)
 FACILITY NAME Sunoco Food Mart, DUNS #0001-4944
 FACILITY NUMBER: 0-005944

VOLATILES										
Sample ID	SB/MW-13		SB/MW-14							
Sample Depth (feet BGS)	6		7-8							
Date Collected	2/14/95		2/14/95							
Date Extracted	2/21/95		2/21/95							
Date Analyzed	2/21/95		2/21/95							
Analytical Method No.	8020		8020							
Collection Method*	SS		SS							
CONSTITUENT (ug/kg)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Benzene	<10	10	<10	10		10		10		10
<input checked="" type="checkbox"/> Toluene	<10	10	<10	10		10		10		10
<input checked="" type="checkbox"/> Ethylbenzene	13	10	<10	10		10		10		10
<input checked="" type="checkbox"/> Total Xylenes	81	10	21	10		10		10		10
<input checked="" type="checkbox"/> MTBE	<100	100	<100	100		100		100		100

ATTACHMENT NO. 7 (CONTINUED) PAGE 10 OF 10
SOIL VERIFICATION SAMPLING RESULTS (LABORATORY)
FACILITY NAME Sunoco Food Mart, DUNS #0001-4944
FACILITY NUMBER: 0-005944

POLYNUCLEAR AROMATICS										
Sample ID	SB/MW-13		SB/MW-14							
Sample Depth (feet BGS)	6		7-8							
Date Collected	2/15/95		2/15/95							
Date Extracted	3/1/95		3/1/95							
Date Analyzed	3/1/95		3/1/95							
Analytical Method No.	8310		8310							
Collection Method*	SS		SS							
CONSTITUENT (ug/l)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Acenaphthene	<330	330	<330	330		330		330		330
<input checked="" type="checkbox"/> Acenaphthylene	<330	330	<330	330		330		330		330
<input checked="" type="checkbox"/> Anthracene	<330	330	<330	330		330		330		330
<input checked="" type="checkbox"/> Benzo(a)anthracene	<330	330	<330	330		330		330		330
<input checked="" type="checkbox"/> Benzo(a)pyrene	<330	330	<330	330		330		330		330
<input checked="" type="checkbox"/> Benzo(b)fluoranthene	<330	330	<330	330		330		330		330
<input checked="" type="checkbox"/> Benzo(g,h,i)perylene	<330	330	<330	330		330		330		330
<input checked="" type="checkbox"/> Benzo(k)fluoranthene	<330	330	<330	330		330		330		330
<input checked="" type="checkbox"/> Chrysene	<330	330	<330	330		330		330		330
<input checked="" type="checkbox"/> Dibenzo(a,h)anthracene	<330	330	<330	330		330		330		330
<input checked="" type="checkbox"/> Fluoranthene	<330	330	<330	330		330		330		330
<input checked="" type="checkbox"/> Fluorene	<330	330	<330	330		330		330		330
<input checked="" type="checkbox"/> Indeno(1,2,3-cd)pyrene	<330	330	<330	330		330		330		330
<input checked="" type="checkbox"/> Naphthalene	<330	330	<330	330		330		330		330
<input checked="" type="checkbox"/> Phenanthrene	<330	330	<330	330		330		330		330
<input checked="" type="checkbox"/> Pyrene	<330	330	<330	330		330		330		330

BGS = Below Ground Surface

* Collection Method Codes (List all that apply): Grab Sample (GS), Split Spoon (SS), Hand Auger (HA), Geoprobe (GP), Continuous Corer (CC), Soil Gas (SG), Cone Penetrometer (CP), Hydropunch (HP)

If Other (OT), specify here: _____

MDL = Method Detection Limit

ATTACHMENT 8

**ADDENDUM TO CLOSURE REPORT
SUNOCO FOOD MART
805 East Jefferson Avenue
Detroit, MI**

SECOR Project No: S0006-017-002

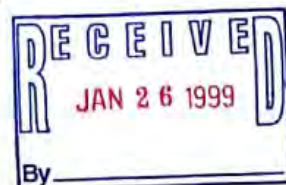
January 20, 1999

Prepared For:

Paul M. Renberg, P.E.
Sunoco, Inc.
500 South Dix Avenue
Detroit, Michigan 48213

Prepared By:

SECOR International Incorporated
27280 Haggerty Road, Suite C-11
Farmington Hills, Michigan 48331



LEAKING UNDERGROUND STORAGE TANK
CLOSURE REPORT

443851

INSTRUCTIONS: COMPLETION OF THIS REPORT WITH ALL APPLICABLE INFORMATION IS MANDATORY. The Certified Underground Storage Tank Professional (CP) MUST sign below. Failure to submit this report within the stated time period may result in Administrative Penalties as provided for in Part 213, Section 21313a of Act 451, P.A. 1994 as amended.

FACILITY NAME: Sunoco Food Market, DUNS #0001-4944 FACILITY ID NUMBER: 0-005944
 ADDRESS: 8005 Jefferson Avenue 48214 CONFIRMED RELEASE NUMBER(S):
 CITY: Detroit ZIP: 48226 COUNTY: Wayne C-1439-90
 O/O NAME: Sunoco, Inc. DATE(S) RELEASE DISCOVERED: 8-6-90
 O/O ADDRESS: 500 South Dix Avenue, Detroit STATE: Michigan ZIP: 48213-4820
 CONTACT PERSON: Paul M. Renberg, P.E. PHONE NUMBER: (313) 849-2708

ANSWER ALL QUESTIONS, (DO NOT LEAVE BLANKS):

- a. Has the UST been emptied? Yes No (If no, explain why): Release was from a leaking pump, which was repaired.
 b. Has the UST system been properly closed? Yes No (If no, explain why): System is in use.
- Free product present: a. Currently? YES NO If YES, total gallons recovered since last report:
 b. Previously? YES NO If YES, total gallons recovered to date:
- Have vapors been identified in any confined spaces (basement, sewers, etc.)? YES NO
- State the number of homes where drinking water is or was affected as a result of a release from this facility: 0
- Estimated distance and direction from point of release to nearest:
 a. Private well: > 1/2 Mile b. Municipal well: > 1/2 Mile c. Surface water/wetland: ~1000 Feet
- Since last report: a. cubic yards of soil remediated: 0 b. gallons of groundwater remediated: 0
- Totals to date: a. cubic yards of soil remediated: 0 b. gallons of groundwater remediated: 0
- Michigan RBCA Site Classification (1-4): 4 Previous RBCA Site Classification (1-4): None
- Has contamination migrated off-site above Tier 1 Residential RBSLs YES NO
 If YES, have off-site impacted parties been notified YES NO (per Section 21309a(3) of Part 213)
- Is an institutional control required for contamination that has migrated or will migrate off-site? Yes No

CERTIFICATION OF REPORT COMPLETION

I, the undersigned CP, hereby attest to the best of my knowledge and belief that the statements in this document and all attachments are true, accurate and complete. I certify that it was submitted to the USTD on 1/22/99
 date submitted (REQUIRED)

Jeffrey D. Goedtel 1/22/99 Darrell P. Grassmyer
 CP Original Signature - (REQUIRED) Date PRINT QC Project Manager's Name
Jeffrey D. Goedtel, C.P.G. SECOR International Incorporated
 PRINT CP's Name CONSULTANT

27280 Haggerty Road, Suite C-11, Farmington Hills, MI 48331 (248) 489-5900 (248) 489-1088
 ADDRESS TELEPHONE NO. FAX NO.

CERTIFICATION OF CLOSURE

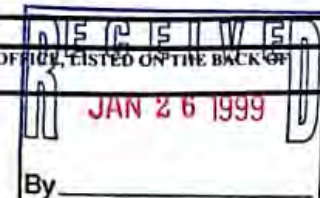
- Type of RBCA Evaluation: Tier 1 Tier 2 Tier 3
- Closure report based on which type of land use?: Residential Commercial III Commercial IV Industrial
- Institutional Controls: None Notice of Corrective Action Restrictive Covenant Other

I certify under penalty of law that corrective actions associated with the above referenced release at this facility were completed in accordance with Part 213, Act 451, P.A. 1994 as amended, and current departmental guidance and procedures available at the time the work was completed.

I further certify that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment for knowing violations.

Jeffrey D. Goedtel 1/22/99
 CP Signature (REQUIRED) Date

PLEASE RETURN THIS COMPLETED REPORT AND ASSOCIATED ATTACHMENTS TO THE APPROPRIATE USTD DISTRICT OFFICE LISTED ON THE BACK OF THIS PAGE.



**MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY - UNDERGROUND STORAGE TANK DIVISION
CLOSURE REPORT (Continued)**

Section	Table of Contents	Page
----------------	--------------------------	-------------

UNDERGROUND STORAGE TANK DIVISION OFFICES AND LOCATIONS

Determine in which county/city the UST is located. Return all completed forms and associated reports to the USTD office listed next to that county/city in the following table. Addresses for the USTD offices are listed below.

COUNTY	USTD OFFICE	COUNTY	USTD OFFICE	COUNTY	USTD OFFICE	COUNTY	USTD OFFICE
Alcona	Gaylord	Dickinson	Marquette	Lake	Cadillac	Oceana	Grand Rapids
Alger	Marquette	Eaton	Shiawassee	Lapeer	Shiawassee	Ogemaw	Gaylord
Allegan	Plainwell	Emmet	Gaylord	Leclanau	Cadillac	Ontonagon	Marquette
Alpena	Gaylord	Genesee	Shiawassee	Lenawee	Jackson	Osceola	Cadillac
Antrim	Gaylord	Gladwin	Gaylord	Livingston	Shiawassee	Oscoda	Gaylord
Arenac	Gaylord	Gogebic	Marquette	Luce	Marquette	Otsego	Gaylord
Baraga	Marquette	Grand Traverse	Cadillac	Mackinac	Marquette	Ottawa	Grand Rapids
Barry	Plainwell	Graiot	Shiawassee	Macomb	SE Michigan	Presque Isle	Gaylord
Bay	Saginaw-Bay	Hillsdale	Jackson	Manistee	Cadillac	Roscommon	Gaylord
Benzie	Cadillac	Houghton	Marquette	Marquette	Marquette	Saginaw	Saginaw-Bay
Berrien	Plainwell	Huron	Saginaw-Bay	Mason	Cadillac	Sanilac	Saginaw-Bay
Branch	Jackson	Ingham	Shiawassee	Mecosta	Grand Rapids	Schoolcraft	Marquette
Calhoun	Jackson	Ionia	Grand Rapids	Menominee	Marquette	Shiawassee	Shiawassee
Cass	Plainwell	Iosco	Gaylord	Midland	Saginaw-Bay	St Clair	SE Michigan
Charlevoix	Gaylord	Iron	Marquette	Missaukee	Cadillac	St Joseph	Plainwell
Cheboygan	Gaylord	Isabella	Saginaw-Bay	Monroe	SE Michigan	Tuscola	Saginaw-Bay
Chippewa	Marquette	Jackson	Jackson	Montcalm	Grand Rapids	Van Buren	Plainwell
Clare	Gaylord	Kalamazoo	Plainwell	Montmorency	Gaylord	Washtenaw	Jackson
Clinton	Shiawassee	Kalkaska	Cadillac	Muskegon	Grand Rapids	Wayne	SE Michigan
Crawford	Gaylord	Kent	Grand Rapids	Newaygo	Grand Rapids	Wexford	Cadillac
Delta	Marquette	Keweenaw	Marquette	Oakland	SE Michigan		
CITY	USTD OFFICE	CITY	USTD OFFICE	CITY	USTD OFFICE		
Detroit	Detroit	Highland Park	Detroit	Hamtramck	Detroit		

<p align="center"><u>CADILLAC OFFICE</u> 120 W CHAPIN ST CADILLAC MI 49601-2158 616-775-3960 (PHONE) 616-775-1511 (FAX)</p>	<p align="center"><u>DETROIT OFFICE</u> 300 RIVERPLACE, SUITE 3600 DETROIT MI 48207 313-392-6480 (PHONE) 313-392-6488 (FAX)</p>	<p align="center"><u>PLAINWELL OFFICE</u> 1342 SR-89 WEST, SUITE B PLAINWELL MI 49080-1915 616-692-2120 (PHONE) 616-692-3050 (FAX)</p>
<p align="center"><u>GAYLORD OFFICE</u> 1732 W M-32, PO BOX 667 GAYLORD MI 49735-0667 517-731-4920 (PHONE) 517-731-6181 (FAX)</p>	<p align="center"><u>JACKSON OFFICE</u> 301 E LOUIS GLICK HIGHWAY JACKSON MI 49201-1556 517-780-7690 (PHONE) 517-780-7855 (FAX)</p>	<p align="center"><u>SAGINAW-BAY OFFICE</u> 503 N EUCLID AVE SUITE 1 BAY CITY MI 48706-2965 517-686-8025 (PHONE) 517-684-9799 (FAX)</p>
<p align="center"><u>GRAND RAPIDS OFFICE</u> 350 OTTAWA ST NW 6TH FLOOR GRAND RAPIDS MI 49503-2341 616-456-5071 (PHONE) 616-456-1239 (FAX)</p>	<p align="center"><u>MARQUETTE OFFICE</u> 1990 US 41 SOUTH MARQUETTE MI 49855-9198 906-228-6561 (PHONE) 906-228-5245 (FAX)</p>	<p align="center"><u>SHIawassee OFFICE</u> 10650 BENNETT DR MORRICE MI 48857-9792 517-625-5515 (PHONE) 517-625-5000 (FAX)</p>
<p align="center"><u>SE MICHIGAN OFFICE</u> 38980 SEVEN MILL RD LIVONIA MI 48152-1006 313-953-8905 (PHONE) 313-432-1295 (FAX)</p>	<p align="center"><u>HEADQUARTERS</u> 333 S CAPITOL AVE PO BOX 30157 LANSING MI 48909-7657 517-373-8168 (PHONE) 517-335-2245 (FAX)</p>	

January 20, 1999

Ms. Patricia Thornton
Storage Tank Division
Michigan Department of Environmental Quality
300 River Place, Suite 3600
Detroit, MI 48207

RE: Addendum to Closure Report
Sunoco Food Mart
8005 East Jefferson Avenue
Detroit, MI
Confirmed Release Date: August 6, 1990
DUNS #0001-4944

Dear Ms. Thornton:

SECOR International Incorporated (*SECOR*), on behalf of Sunoco, Inc. (Sunoco), is submitting this addendum in response to your July 9, 1998 Audit of Corrective Actions requesting additional activities to achieve closure for the above referenced release. The purpose of this addendum is to address each concern described in the Audit and to achieve a Tier I unrestricted residential closure for the above referenced site.

SECOR submitted a Tier I unrestricted residential closure to the MDEQ on May 18, 1998. In response to the closure, the MDEQ completed an audit of the corrective action and provided a written review of the closure to Sunoco on July 9, 1998. The review stated that the MDEQ "does not concur with the certification of the QC that corrective actions have been completed in accordance with Part 213". On July 28, 1998, *SECOR* contacted Ms. Patricia Thornton of the MDEQ by phone to discuss the Audit. In addition, *SECOR* submitted a letter to Ms. Thornton, via facsimile, confirming a commitment to perform the activities as discussed during the phone conversation. On July 30, 1998, *SECOR* performed additional investigative activities at the site to address the concerns described in the Audit.

The following addendum restates the comments from the MDEQ Audit, for convenience, and then states *SECOR's* responses after each comment:

Comment: In order to receive an unrestricted closure, the complete vertical and horizontal extent of soil and groundwater impact must be defined. A review of the Closure Report revealed that the groundwater analysis for MW-4 previously contained contaminants that exceeded Tier I RBSL's. In order to achieve closure, a minimum of two consecutive quarterly samples at, or below, the RBSLs must be documented. In addition, Attachment 11 within the Closure Report lists the applicable RBSL criteria, as the Groundwater Direct Contact criteria. However, in order to utilize the Direct Contact criteria for groundwater, the site must be evaluated with respect to the potable groundwater pathway, and documentation must be provided that a pathway does not exist.

With regard to the soil investigations, additional investigation will be necessary as the vertical extent has not been defined at the six to 10 foot interval in SB-8, MW-7, MW-5 and MW-6. Without this information, it is impossible to determine if the contamination has migrated into the right-of-way on Van Dyke or East Jefferson Avenue.

Response: *On July 30, 1998, a water sample was collected from MW-4 for benzene, toluene, ethylbenzene, xylenes (BTEX) and polynuclear aromatic hydrocarbons (PNA) analysis. The analysis indicated that BTEX and PNAs were below the method detection limits. As a result of this sampling event, the MDEQ requirement has been achieved in which "a minimum of two consecutive quarterly samples at, or below, the RBSLs must be documented." A copy of the laboratory results are provided in Attachment 1 for your reference, and Table 1 and Figure 1 have been updated to incorporate these results.*

The site has been evaluated with respect to the potable groundwater pathway. ATEC Environmental Consultants conducted a record search at the Detroit Health Department and the Detroit Water Department in reference to the location of public and/or private water supply wells within ½ mile radius of the site. According to their search, the Detroit Health Department informed ATEC that there were no active public or private water wells within a ½ mile radius of the site. In addition, according to ATEC, the Detroit Health Department stated that it is illegal to operate a water well for any purpose in the City of Detroit. ATEC has included this information in previously submitted reports including the Site Investigation (dated September 17, 1992) and the Phase II Site Investigation (dated November 25, 1992). Site geology consists of damp hard clay with varying amounts of sand and silt to a depth of at least 15 feet below grade. A moist to saturated fine sand was encountered between 3 and 7 feet below grade, with a thickness ranging from 1 to 4 feet. A copy of the soil boring/monitoring logs are included in Attachment 2.

SECOR has reviewed soil data available for MW-5, MW-6, MW-7 and SB-8. The review indicated that the vertical definition at the 6 to 10 foot interval was completed by ATEC, and these results were included in previously submitted reports. Soil samples from the 6 to 10 foot depths were not submitted for laboratory analysis, because photoionization detector (PID) screening was completed at these depths during boring advancement and no volatile organic hydrocarbons were detected or measured. The PID readings are presented in the soil boring logs in Attachment 2.

Comment: In addition, Section 21304a(2) of the Natural Resources and Environmental Protection Act, 1994 PA 451, Part 213, as amended, requires that all pathways be evaluated, therefore, the groundwater and soil volatilization to indoor air inhalation criteria for a residential land use, must be evaluated for all reasonable and relevant pathways for an unrestricted closure.

Response: *SECOR has evaluated the indoor inhalation pathway for the site. The review indicates that all groundwater impact is below the Tier I indoor inhalation criteria for residential land use, and all soil impact is below the Tier I indoor inhalation criteria for residential land use, with the exception of the soil sample collected from MW-10, 2.5-3 feet below grade (see Tables 1 through 4, Figures 1 and 2). According to the Building Division of the City of Detroit, B-1 General Business zoning requirements in the City of Detroit require a 40 foot setback from the right-of-way. As a result of this requirement, no building may be constructed in the vicinity of MW-10, and therefore the indoor air pathway is not relevant in this area.*

Comment: Provide a summary of all groundwater sampling events to date, including all sampling performed by prior consultant (ATEC) to demonstrate decreasing concentrations over time, as not all groundwater sampling events were provided previously as stated in

Section 4.2 of the Closure Report.

Response: *Refer to the attached Table 1.*

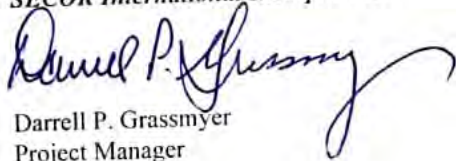
Comment: Submit a separate scaled diagram which depicts surrounding properties, buildings, as well as utility corridors. In addition, provide copies of monitor well logs.

Response: *See Figure 3 and Attachment 2.*

The information provided in this correspondence is intended to satisfy the concerns raised in the audit letter dated July 9, 1998 to Sunoco. If you have any questions or comments, please contact Mr. Jeff Goedtel or myself at (248) 489-5900.

Sincerely,

SECOR International Incorporated



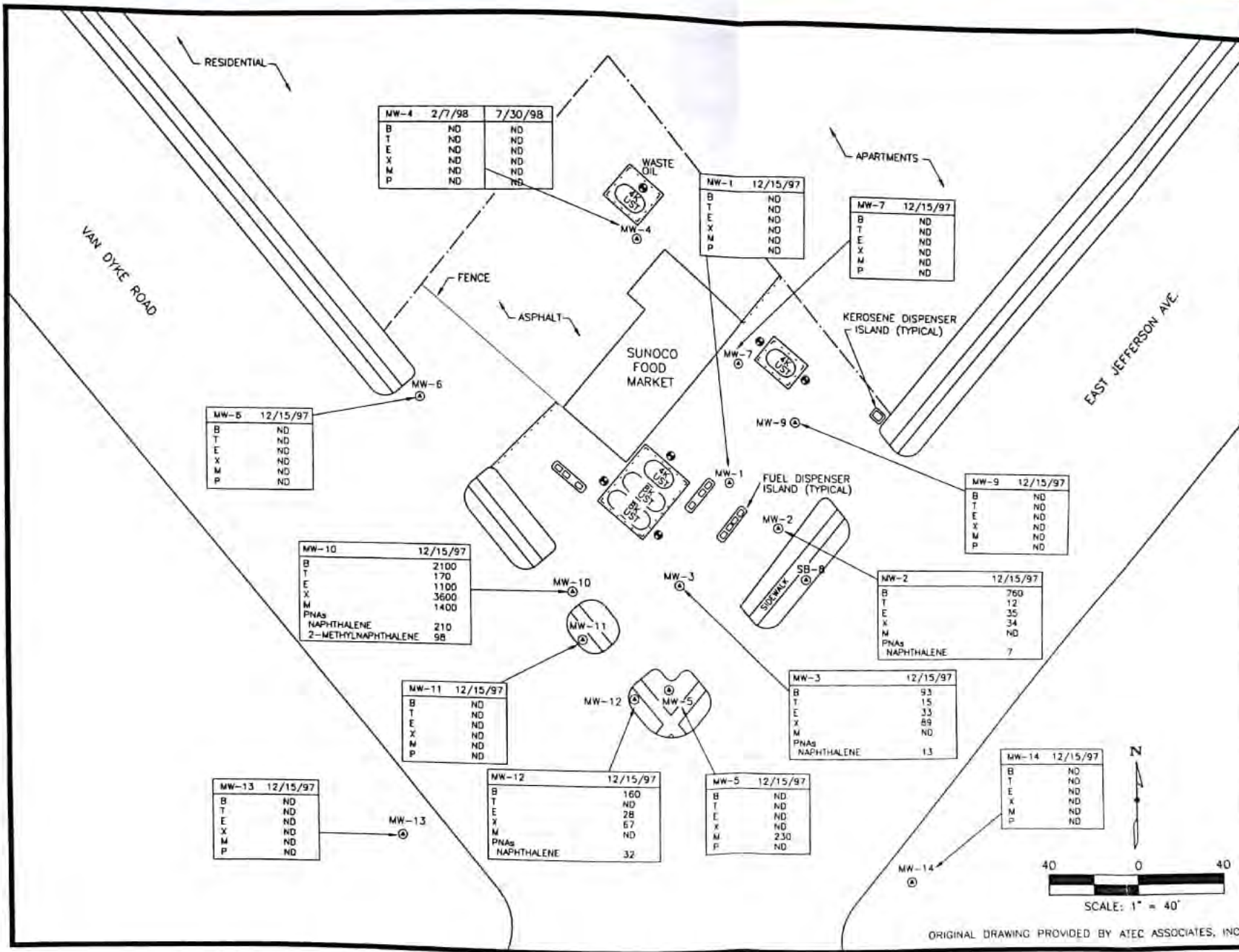
Darrell P. Grassmyer
Project Manager

cc: Paul Renberg - Sunoco, Inc.
Kathy McCaney - Sunoco, Inc.
Jeff Goedtel - *SECOR*
File

DK:\B\SUN-JEFFERSON\REPORTS\CLOSADDN.WPD

FIGURES

FIGURES



MW-4	2/7/98	7/30/98
B	ND	ND
T	ND	ND
E	ND	ND
X	ND	ND
M	ND	ND
P	ND	ND

MW-1	12/15/97
B	ND
T	ND
E	ND
X	ND
M	ND
P	ND

MW-7	12/15/97
B	ND
T	ND
E	ND
X	ND
M	ND
P	ND

MW-6	12/15/97
B	ND
T	ND
E	ND
X	ND
M	ND
P	ND

MW-9	12/15/97
B	ND
T	ND
E	ND
X	ND
M	ND
P	ND

MW-10	12/15/97
B	2100
T	170
E	1100
X	3600
M	1400
PNAs	
NAPHTHALENE	210
2-METHYLNAPHTHALENE	98

MW-2	12/15/97
B	760
T	12
E	35
X	34
M	ND
PNAs	
NAPHTHALENE	7

MW-11	12/15/97
B	ND
T	ND
E	ND
X	ND
M	ND
P	ND

MW-3	12/15/97
B	93
T	15
E	33
X	89
M	ND
PNAs	
NAPHTHALENE	13

MW-13	12/15/97
B	ND
T	ND
E	ND
X	ND
M	ND
P	ND

MW-12	12/15/97
B	160
T	ND
E	28
X	67
M	ND
PNAs	
NAPHTHALENE	32

MW-5	12/15/97
B	ND
T	ND
E	ND
X	ND
M	230
P	ND

MW-14	12/15/97
B	ND
T	ND
E	ND
X	ND
M	ND
P	ND

NO.	DATE	BY	REVISION

NOTES/COMMENTS

LEGEND:

MW-3 2" MONITORING WELL LOCATION

⊙ TANK SUMP WELL

□ CONCRETE BOUNDARY

B BENZENE (ug/l)

T TOLUENE (ug/l)

E ETHYLBENZENE (ug/l)

X TOTAL XYLENES (ug/l)

M MTBE (ug/l)

P TOTAL PNAs (ug/l)

ND NOT DETECTED

REVISION	DATE

SECOR INTERNATIONAL INCORPORATED

SECOR

8780 SACRETTY ROAD
SUITE C-11
FARMINGTON HILLS, MI 48331

SUNOCO INC.

800 S. DIX AVENUE
DETROIT, MICHIGAN

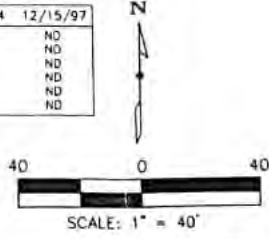
SUNOCO STATION
DUNS #0001-444

8005 E. JEFFERSON
DETROIT, MICHIGAN

GROUNDWATER
VERIFICATION SAMPLING
LOCATIONS

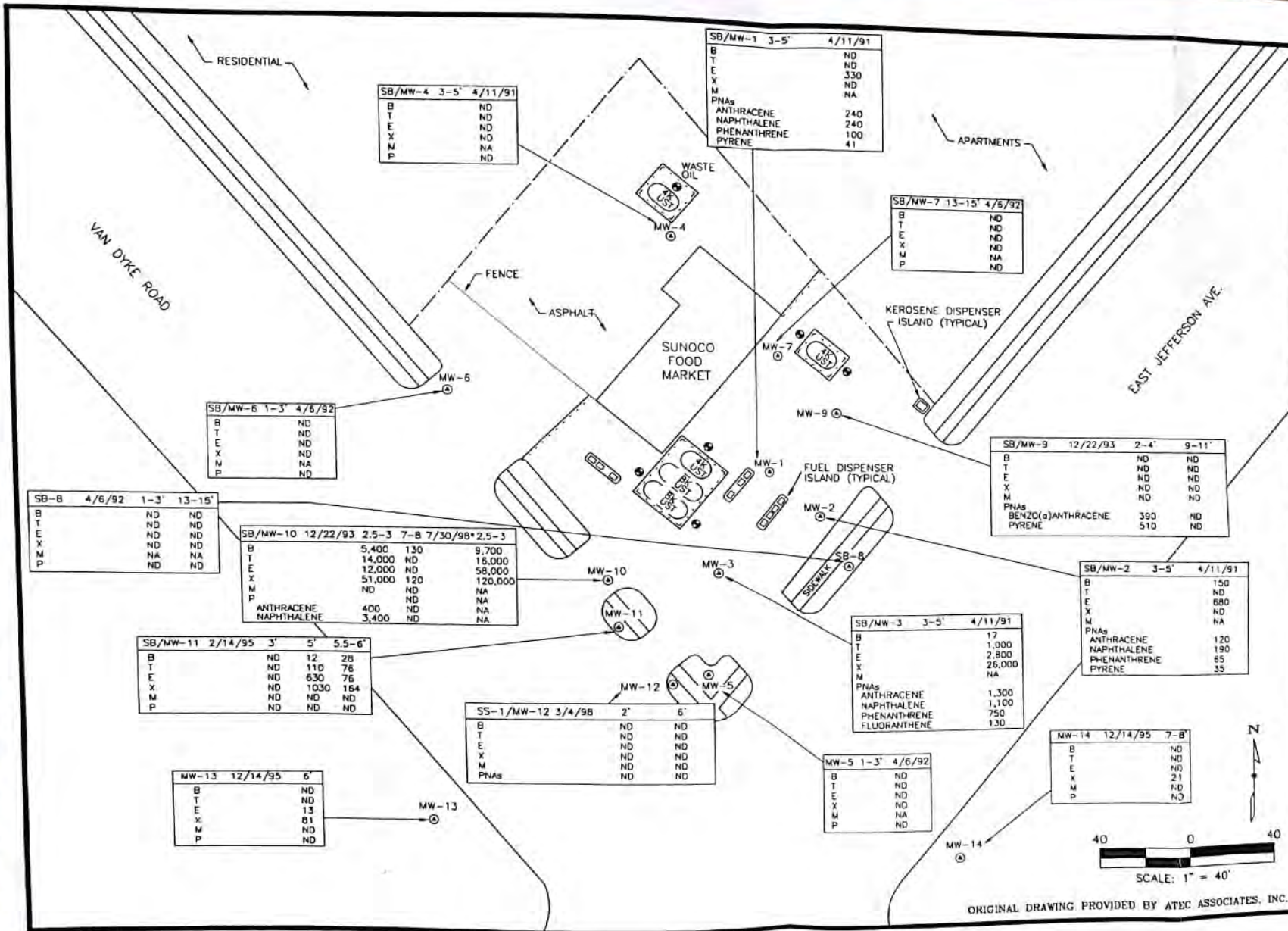
DESIGNED BY	DRAWN BY	CHECKED BY
DCW	DCW	DC

DATE: 1/7/97
PROJECT NO.: S0008-017-02
FIGURE NO.



ORIGINAL DRAWING PROVIDED BY ATEC ASSOCIATES, INC.

FIGURE 1



SB/MW-4 3-5' 4/11/91

B	ND
T	ND
E	ND
X	ND
M	NA
P	ND

SB/MW-1 3-5' 4/11/91

B	ND
T	ND
E	330
X	ND
M	NA
PNAs	NA
ANTHRACENE	240
NAPHTHALENE	240
PHENANTHRENE	100
PYRENE	41

SB/MW-7 13-15' 4/6/92

B	ND
T	ND
E	ND
X	NA
M	ND
P	ND

SB/MW-6 1-3' 4/6/92

B	ND
T	ND
E	ND
X	ND
M	NA
P	ND

SB-B 4/6/92 1-3' 13-15'

B	ND	ND
T	ND	ND
E	ND	ND
X	ND	ND
M	NA	NA
P	ND	ND

SB/MW-10 12/22/93 2.5-3 7-B 7/30/98* 2.5-3

B	5,400	130	9,700
T	14,000	ND	18,000
E	12,000	ND	58,000
X	51,000	120	120,000
M	ND	ND	NA
P	ND	ND	NA
ANTHRACENE	400	ND	NA
NAPHTHALENE	3,400	ND	NA

SB/MW-11 2/14/95 3' 5' 5.5-6'

B	ND	12	28
T	ND	110	76
E	ND	630	75
X	ND	1030	164
M	ND	ND	ND
P	ND	ND	ND

MW-13 12/14/95 6'

B	ND
T	ND
E	13
X	81
M	ND
P	ND

SS-1/MW-12 3/4/98 2' 6'

B	ND	ND
T	ND	ND
E	ND	ND
X	ND	ND
M	ND	ND
P	ND	ND
PNAs	ND	ND

SB/MW-3 3-5' 4/11/91

B	17
T	1,000
E	2,800
X	25,000
M	NA
PNAs	NA
ANTHRACENE	1,300
NAPHTHALENE	1,100
PHENANTHRENE	750
FLUORANTHRENE	130

MW-5 1-3' 4/6/92

B	ND
T	ND
E	ND
X	ND
M	NA
P	ND

SB/MW-9 12/22/93 2-4' 9-11'

B	ND	ND
T	ND	ND
E	ND	ND
X	ND	ND
M	ND	ND
PNAs	ND	ND
BENZO(a)ANTHRACENE	390	ND
PYRENE	510	ND

SB/MW-2 3-5' 4/11/91

B	150
T	ND
E	680
X	ND
M	NA
PNAs	NA
ANTHRACENE	120
NAPHTHALENE	190
PHENANTHRENE	65
PYRENE	35

MW-14 12/14/95 7-B

B	ND
T	ND
E	ND
X	21
M	ND
P	ND

NO.	DATE	BY	REVISION

REVISIONS:

LEGEND:

MW-3 2" MONITORING WELL LOCATION

⊙ TANK SUMP WELL

⊕ CONCRETE BOUNDARY

B BENZENE (ug/kg)
 T TOLUENE (ug/kg)
 E ETHYLBENZENE (ug/kg)
 X TOTAL XYLENES (ug/kg)
 M MTBE (ug/kg)
 P TOTAL PNAs (ug/kg)
 ND NOT DETECTED
 NA NOT ANALYZED

NOTE: SOIL SAMPLES SS-1 (ST) AND SS-2 (B) COLLECTED ON 3/4/98. REPEAT SAMPLES CORRESPONDING TO SOIL SAMPLES MW-12 (7) AND MW-12 (8)

* ADDITIONAL SOIL SAMPLE COLLECTED IN THE AREA OF SB/MW-10 ON 7/30/98.

SECOR INTERNATIONAL INCORPORATED

SECOR

FIELD BRANCH OFFICE
 SUITE C-11
 FARMINGTON HILLS, MI 48334

SUNOCO INC.

800 B. DIX AVENUE
 DETROIT, MICHIGAN

SUNOCO STATION
 DUNS #001-444

8005 E. JEFFERSON
 DETROIT, MICHIGAN

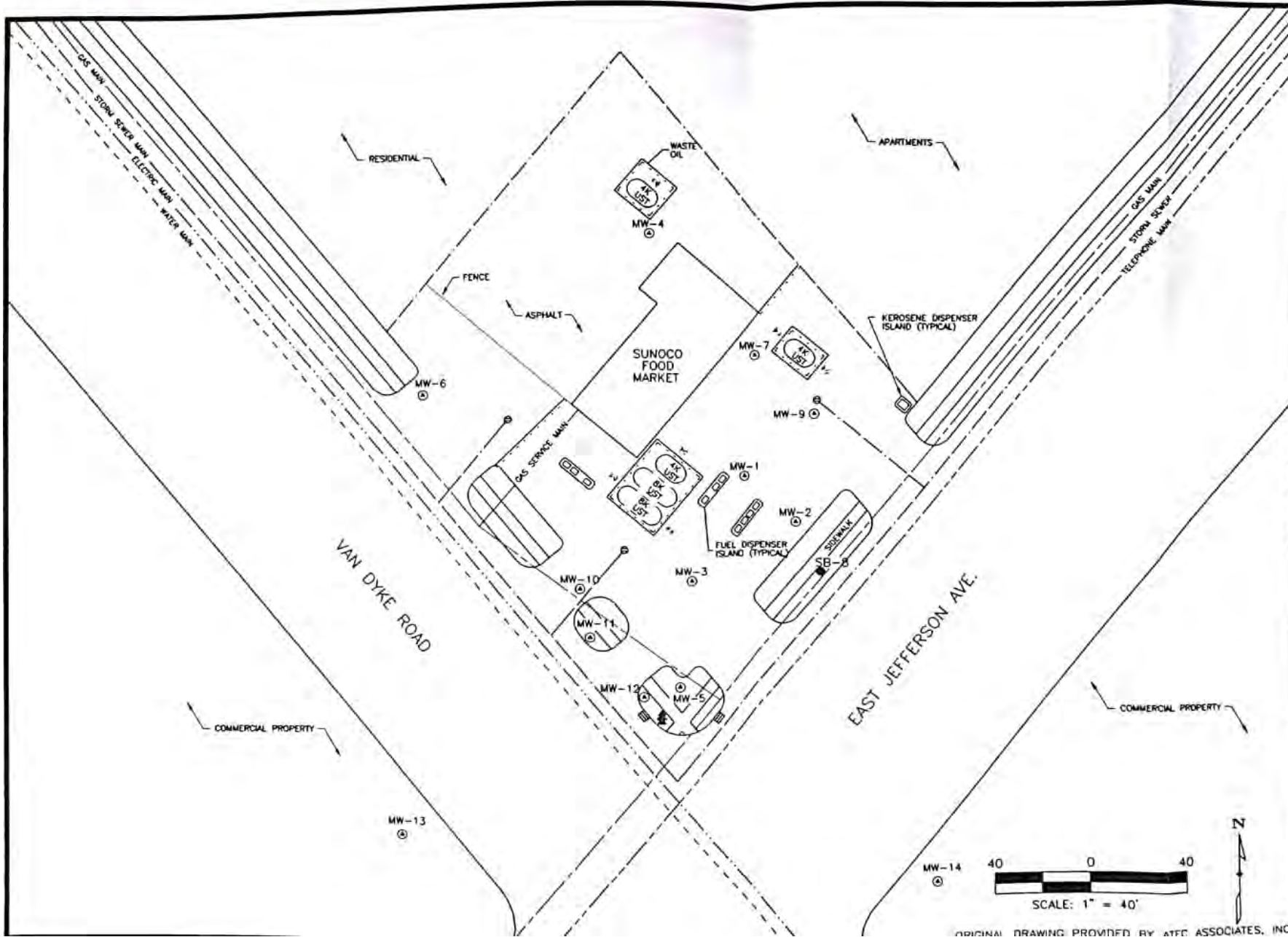
SOIL VERIFICATION SAMPLING LOCATIONS

DESIGNED BY:	REVIEWED BY:	CHECKED BY:
DCM	DCM	DD
DATE:	SCALE:	DATE:
1/7/87	DCM/JEF/ATTS	1/7/87
PROJECT NO.:	PLAN SCALE:	PROJECT NO.:
S0008-017-02	1" = 40'	S0008-017-02
FIGURE NO.:		



ORIGINAL DRAWING PROVIDED BY ATYC ASSOCIATES, INC.

FIGURE 2



NO.	DATE	BY	REVISION

- LEGEND:**
- MW-3 2" MONITORING WELL LOCATION
 - SB-8 SOIL BORING LOCATION
 - FIRE HYDRANT
 - TANK SLUMP WELL
 - CONCRETE BOUNDARY
 - CATCH BASIN
 - STORM DRAIN

SIGNATURE	DATE

RECORDED BY:
SECOR
 4780 HAZZERTY ROAD
 SUITE C-11
 FARMINGTON HILLS, MI 48331

SUNOCO INC.
 800 & DIX AVENUE
 DETROIT, MICHIGAN

SUNOCO STATION
 DUNS #0001-444

8008 E. JEFFERSON
 DETROIT, MICHIGAN

SITE MAP

DESIGNED BY:	DATE:	DETAILS BY:	SCALE:	CHECKED BY:
DCM	1/9/97	DCM	AS SH./EAST/JEFFERSON/SITE	DC
PROJECT NO.:	50008-017-01	PLAT SCALE:	1" = 40'	

FIGURE 3



ORIGINAL DRAWING PROVIDED BY ATFC ASSOCIATES, INC.

STATE OF MICHIGAN



JOHN ENGLER, Governor

DEPARTMENT OF ENVIRONMENTAL QUALITY

"Better Service for a Better Environment"

HOLLISTER BUILDING, PO BOX 30473, LANSING MI 48909-7973

INTERNET www.deq.state.mi.us

RUSSELL J. HARDING, Director

II 443851
REPLY TO

DETROIT OFFICE
SUITE 3600
300 RIVER PLACE
DETROIT MI 48207

March 8, 1999

Mr. Paul Renberg
Sunoco, Inc.
500 South Dix Avenue
Detroit, Michigan 48209

Dear Mr. Renberg:

SUBJECT: Closure Report Date: January 22, 1999
Confirmed Release Date: August 6, 1990
Location of Tank(s): Sunoco DUNS #0001-4944, 8005 East Jefferson
Detroit, Wayne County, Michigan
Facility ID #: 05944
MUSTFA Claim #: 1895

In accordance with Section 21312a(2) of Part 213 Leaking Underground Storage Tanks (LUST) of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451), the Storage Tank Division (STD) of the Department of Environmental Quality (DEQ) acknowledges receipt of your new Closure Report. This Closure Report was submitted on your behalf for the above referenced site by Mr. Jeffrey Goedel, Certified Professional (CP) with SECOR International Incorporated, Qualified Underground Storage Tank Consultant (QC), in accordance with Section 21312a(1) of Part 213.

The Closure Report submitted by the CP concludes that corrective action at the site has resulted in unrestricted use of the site based on a *Tier 1* evaluation.

Please note that when contaminated soil and/or groundwater, as a result of a release of a regulated substance, remains on site consistent with site closure requirements, the owner/operator shall not remove or allow this soil and/or groundwater to be removed from the site to an off-site location without properly characterizing the soils and/or groundwater to determine that they can be lawfully relocated without posing a threat to the public health, safety, and welfare, and the environment. The determination shall consider whether the soil and/or groundwater is subject to regulations under Part 111 of Act 451.

Under Section 21315(1) of Act 451, the STD may initiate an audit of the results of the investigation and corrective actions undertaken to confirm the results and conclusions indicated by the QC within six months of receipt of the Closure Report. If an audit is initiated within this time frame, and the audit confirms that corrective action has been conducted in compliance

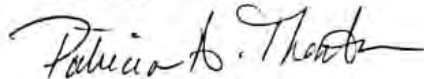
with Part 213 and that the cleanup criteria have been met, you will be provided with a letter describing the audit and its results, as described in Section 21315(3) of Act 451.

The STD audit would consist of a review of file documents, and may include the collection of soil and/or groundwater samples from the facility to verify that the levels of remaining contaminants certified by your QC are accurate.

All groundwater monitoring wells and other similar devices installed as part of the corrective action activities at the site will need to be properly abandoned when they are no longer needed for their original purpose or modified purpose, in accordance with Part 625, Mineral Wells of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended; and Part 127 Water Supply and Sewer Systems of the Public Health Code, 1978 PA 368, as amended and the rules promulgated thereunder. Proper abandonment of groundwater monitoring wells and other potential conduits for contamination should be performed within 60 days after use has been discontinued, and documentation of abandonment submitted to the STD District Office responsible for oversight. However, if the STD conducts an audit which **does not** confirm that corrective action is complete, additional information and/or corrective action may be required as set forth in Section 21315(3) of Act 451. Therefore, it is recommended that abandonment not be performed until either the department provides a letter indicating that the Closure Report has been audited and we concur with the conclusions that corrective action activities have been completed; or until the six month time frame for the department to conduct a closure audit expires.

If you have any questions, please contact me at the telephone number below.

Sincerely,



Patricia A. Thornton
Geologist
Storage Tank Division
313-392-6520

PAT/pw

cc: Mr. Jeffrey Goedtel, SECOR International Incorporated
Ms. Mary Vanderlaan, DEQ
Mr. Robert Reisner, DEQ



LEAKING UNDERGROUND STORAGE TANK CLOSURE REPORT

INSTRUCTIONS: COMPLETION OF THIS REPORT WITH ALL APPLICABLE INFORMATION IS MANDATORY. The Certified Underground Storage Tank Professional (CP) MUST sign below. Failure to submit this report within the stated time period may result in administrative penalties as provided for in Part 213, Section 21313a of 1994 PA 451, as amended. PLEASE RETURN THIS COMPLETED REPORT AND ASSOCIATED ATTACHMENTS TO THE APPROPRIATE STD DISTRICT OFFICE, ACCORDING TO PAGE 2.


FACILITY NAME: SUNOCO ULTRA SERVICE CENTER		FACILITY ID NUMBER: 0-005944
STREET ADDRESS: 8005 E. Jefferson		
CITY: Detroit, MI	ZIP: 48214	COUNTY: Wayne
DATE(S) RELEASE DISCOVERED: 3-9-00 10-2-01	CONFIRMED RELEASE NUMBER(S): C-239-00, C-1283-01	
O/O NAME: Same		
O/O STREET ADDRESS: Same	STATE:	ZIP:
CONTACT PERSON: Mohamad Ezzeddine		PHONE NUMBER: 313-822-7424

ANSWER ALL QUESTIONS (DO NOT LEAVE BLANKS):

1. a. Has the UST been emptied? YES NO (If no, explain why): **USTs passed tightness test**
- b. Has the UST system been properly closed? YES NO (If no, explain why): **Station still in operation (USTs OK)**
2. Free product present: a. Currently? YES NO If YES, total gallons recovered since last report:
b. Previously? YES NO If YES, total gallons recovered to date:
3. Have vapors been identified in any confined spaces (basement, sewers, etc.)? YES NO
4. State the number of homes where drinking water is or was affected as a result of a release from this facility: **None**
5. Estimated distance and direction from point of release to nearest:
a. Private well: **>1 mi.** b. Municipal well: **N/A** c. Surface water/wetland: **0.2 mi (Det River)**
6. Since last report: a. cubic yards of soil remediated: **0** b. gallons of groundwater remediated: **0**
7. Totals to date: a. cubic yards of soil remediated: **0** b. gallons of groundwater remediated: **0**
8. Michigan RBCA Site Classification (1-4): **4** Previous RBCA Site Classification (1-4): **3**
9. Has contamination migrated off-site above Tier 1 Residential RBSLs YES NO
If YES, have off-site impacted parties been notified (per Section 21309a(3) of Part 213) YES NO
10. Is an institutional control required for contamination that has migrated or will migrate off-site? YES NO
11. MTBE Has MTBE been detected in any sample? YES NO Is any sample above 40 ppb? YES NO

CERTIFICATION OF REPORT COMPLETION

I, the undersigned CP, hereby attest to the best of my knowledge and belief that the statements in this document and all attachments are true and complete. I certify that it was submitted to the Storage Tank Division (STD) on 12-03-01 Date Submitted (REQUIRED)

 12-3-01 David H. Belan LPG
CP Original Signature - (REQUIRED) Date PRINT QC Project Manager's Name

Stephen A. Peach PE Consolidated Environmental Services, Inc.
PRINT CP's Name CONSULTANT

725 S. Adams Suite 14 Birmingham, MI 48009 248-540-8437 248-540-8368
ADDRESS TELEPHONE NO. FAX NO.

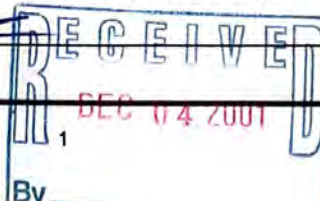
CERTIFICATION OF CLOSURE

1. Type of RBCA Evaluation: Tier 1 Tier 2 Tier 3
2. Closure report based on which type of land use?: Residential Commercial III Commercial IV Industrial
3. Institutional Controls: None Notice of Corrective Action Restrictive Covenant Other Notice to Local Unit of Government

I certify under penalty of law that corrective actions associated with the above referenced release at this facility were completed in accordance with Part 213, Act 451, P.A. 1994 as amended, and current departmental guidance and procedures available at the time the work was completed.

I further certify that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment for knowing violations.

 12-3-01
CP Signature - (REQUIRED) Date



DATE ENTERED INTO DATABASE
12-3-01

STAFF INITIALS:
DP

Instructions - Utilize the following checklist to ensure that all required information is provided in the Closure Report. Include this checklist as the table of contents. The order in which the information is provided is at your discretion. Each page of the report (including the cover sheet, table of contents, appendices, figures, etc.) should be consecutively numbered. The location column should be completed with the appropriate page number for each item. You may reference previously submitted materials by specifying the location within that document. Maps, tables, figures, etc. should be combined as appropriate.

All information required by Part 213 to be included in the Closure Report **must** be provided, and all sections of the report must be completed. If any items are not applicable to the site, provide a justification regarding the absence of this information in the appropriate section of the report.

If an Initial Assessment Report (IAR) and/or a Final Assessment Report (FAR) have not been submitted for this release, provide all required information from the IAR and/or FAR not included below.

Section	Table of Contents	Page
1.0	<u>PROJECT CHRONOLOGY</u>	
	A. Provide the date and time the confirmed release(s) was/were discovered and reported.	<u>8</u>
	B. Provide the IAR submittal date.	<u>8</u>
	C. Provide the FAR submittal date.	<u>8</u>
	D. Provide dates for any other submittals.	<u>8</u>
2.0	<u>SUMMARY OF CORRECTIVE ACTION ACTIVITIES PERFORMED</u>	
2.1	IMMEDIATE RESPONSE ACTION IMPLEMENTATION	
	If an IAR has not been previously submitted, provide all information requested in Section 1.0 of the IAR	<u>8</u>
2.2	FREE PRODUCT DISCOVERY AND REMOVAL	
	If free product has not been discovered, then proceed to Section 2.3.	
	A. Describe initial response actions performed at this site to address the presence of free product as specified in Sections 21307(2)(c) and (f), and (3)(b) and (c), 21308a(1)(b)(xviii). Refer to the STD Operational Memorandum No. 7, <i>Identification, Reporting, and Recovery of Free Product at LUST Sites</i> .	<u>8</u>
	B. Attach a final STD Free Product Recovery Status Report (EQP 3850) if not previously submitted.	<u>NA</u>
2.3	SITE ASSESSMENT ACTIVITIES	
	A. If an IAR has not been previously submitted, provide all information requested in Section 3.0 of the IAR.	<u>8-9</u>
	B. If a FAR has not been previously submitted, provide all information requested in Section 2.0 of the FAR.	<u>8-9</u>
2.4	SITE CLASSIFICATION	
	A. Indicate the current Site Classification Level, in accordance with STD Operational	<u></u>

1.0 PROJECT CHRONOLOGY

On March 9, 2000, gasoline was found in the containment sumps of the fill ports by the MDEQ UST Inspector. This was the result of a surface spill. Subsequent tank tightness testing was done at the direction of the MDEQ, which showed the UST system to be tight. A confirmed release was reported by the MDEQ on 3-9-00. Consolidated Environmental Services, Inc. (CES) submitted an update report on May 8, 2001 which among other items documented the tank tightness test results. Neither an IAR nor FAR have been submitted for this project.

However, a Tier 1 residential closure was filed by Sunoco on May 5, 1998 with an addendum on January 22, 1999. This report is being filed as a Tier 1-Commercial closure. However, because Sunoco took soil samples prior to the implementation of methanol extraction sampling in the field, the moderately higher hydrocarbon concentrations are probably attributed to the new sampling methodology and not to the surface release.

On September 20, 2001, a 1000-gallon waste oil UST was removed from behind the station building (Figure 2). Verification of Soil Remediation samples were collected from the excavation walls and a water sample was collected from the bottom. The soil and water samples were laboratory analyzed for waste oil characteristics (data tables are in Attachment 2). Based on the results, CES file a confirmed release on October 2nd. On October 23rd, CES re-sampled the north and west wall locations and two additional locations (approximately 5 feet outward from them). On November 11, 2001 a water sample from the backfill of the waste oil UST was resubmitted for laboratory analysis after being filtered. Based on our site investigation, CES is submitting a Tier 1 Commercial Closure Report.

2.0 SUMMARY OF CORRECTIVE ACTION ACTIVITIES PERFORMED

2.1 IMMEDIATE RESPONSE ACTION IMPLEMENTATION

After discovery of the release, the property owner contracted tightness test for each of the four USTs. A "Vacutect" tightness test was performed and all UST systems were determined not to leak. The results were presented in update report of May 8, 2001.

Pertinent information for the station USTs is contained in the following table.

Tank I.D. No.	Contents	Size	Construction	Lust	Emptied/Removed
1	Gasoline	8000 gal.	Fiberglass	No	No/No
2	Gasoline	8000 gal.	Fiberglass	No	No/No
3	Gasoline	8000 gal.	Fiberglass	No	No/No
4	Kerosene	4000 gal.	Fiberglass	No	No/No

2.2 FREE PRODUCT DISCOVERY AND REMOVAL

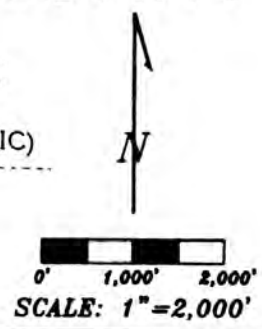
Free product has not been encountered in the environment at this site.

Product was found in the containment sumps of the fill ports of the gasoline USTs on March 9, 2000 and reported by John LaPointe of the MDEQ-STD, Detroit Office. On April 18, 2001, CES gained access to the observation (tank sump) wells adjacent to the USTs. Free product was not found in them. Laboratory analytical results were included in the update report of May 8, 2001.



DETROIT QUADRANGLE
 MICHIGAN-ONTARIO
 7.5 MINUTE SERIES (TOPOGRAPHIC)

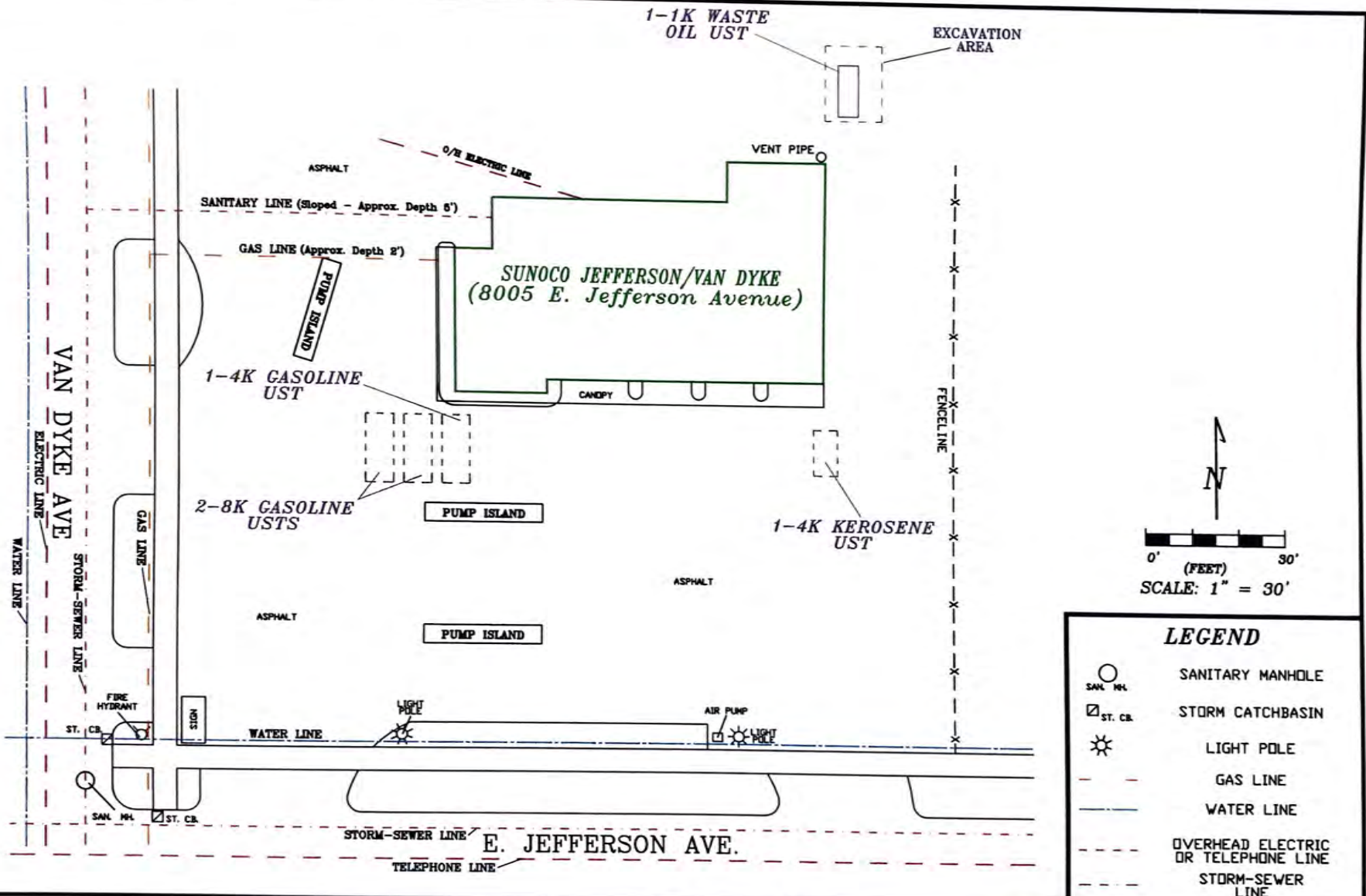
BELLE ISLE QUADRANGLE
 MICHIGAN-ONTARIO
 7.5 MINUTE SERIES (TOPOGRAPHIC)



CONSOLIDATED ENVIRONMENTAL SERVICES, INC.
 725 S. ADAMS, STE.#14 BIRMINGHAM, MI 48009
 PHONE: 248/540-8437 FAX: 248/540-8368

DATE:
07/20/2001
 SCALE:
1"=2,000"
 DRAWN BY:
T.H.
 FILE NAME:
SUNDSL1.DWG

FIGURE 1
SITE LOCATION MAP
 SUNOCO JEFFERSON/VAN DYKE
 8005 JEFFERSON AVENUE
 DETROIT, MI 48214



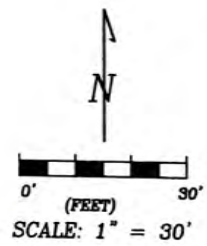
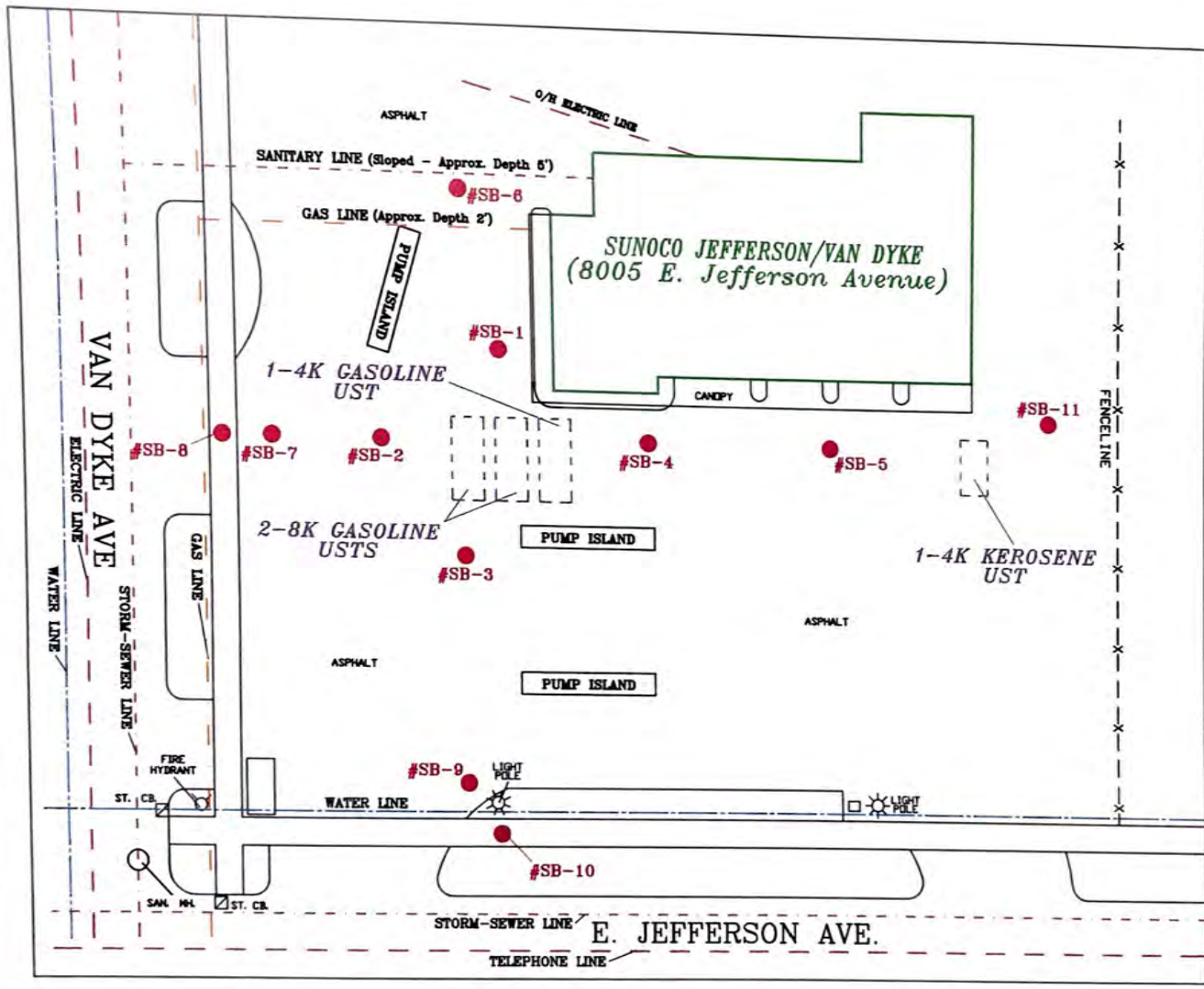
LEGEND

	SANITARY MANHOLE
	STORM CATCHBASIN
	LIGHT POLE
	GAS LINE
	WATER LINE
	OVERHEAD ELECTRIC OR TELEPHONE LINE
	STORM-SEWER LINE

CONSOLIDATED ENVIRONMENTAL SERVICES, INC.
 725 S. ADAMS RD., SUITE 14 BIRMINGHAM, MI. 48009
 PHONE: 248-540-8437 FAX: 248-540-8368

DATE
 REV. 10/5/2001
 SCALE
 1" = 30'
 DRAWN BY:
 LT./T.H.
 FILE:
 SUNDSTM2.DWG

FIGURE 2
 SITE MAP
 SUNOCO JEFFERSON/VAN DYKE
 8005 E. JEFFERSON AVE.
 DETROIT, MI 48214



LEGEND

- - -	GAS LINE
— — —	WATER LINE
- - -	OVERHEAD ELECTRIC OR TELEPHONE LINE
- - -	STORM-SEWER LINE
#SB-9 ●	SOIL BORING LOCATION & DESIGNATED LABEL

CONSOLIDATED ENVIRONMENTAL SERVICES, INC.
 725 S. ADAMS RD., SUITE 14 BIRMINGHAM, MI. 48009
 PHONE: 248-540-8437 FAX: 248-540-8368

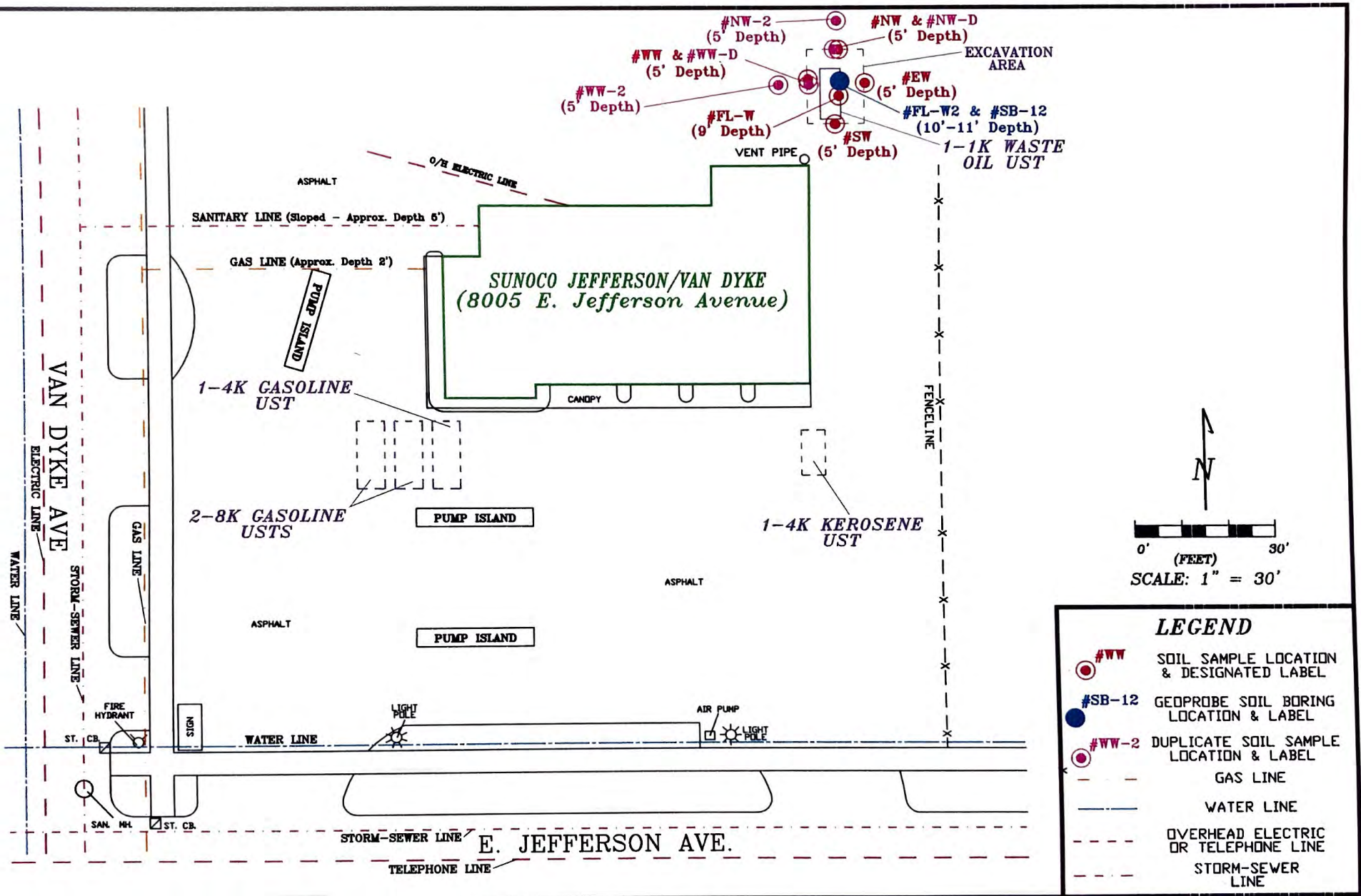
DATE
REV. 8/16/2001

SCALE
1" = 30'

DRAWN BY:
LT./T.H.

FILE:
SUNDSBR3.DWG

FIGURE 3
SOIL BORING LOCATION MAP
 SUNOCO JEFFERSON/VAN DYKE
 8005 E. JEFFERSON AVE.
 DETROIT, MI 48214



CONSOLIDATED ENVIRONMENTAL SERVICES, INC.
 725 S. ADAMS RD., SUITE 14 BIRMINGHAM, MI. 48009
 PHONE: 248-540-8437 FAX: 248-540-8368

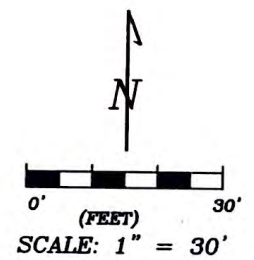
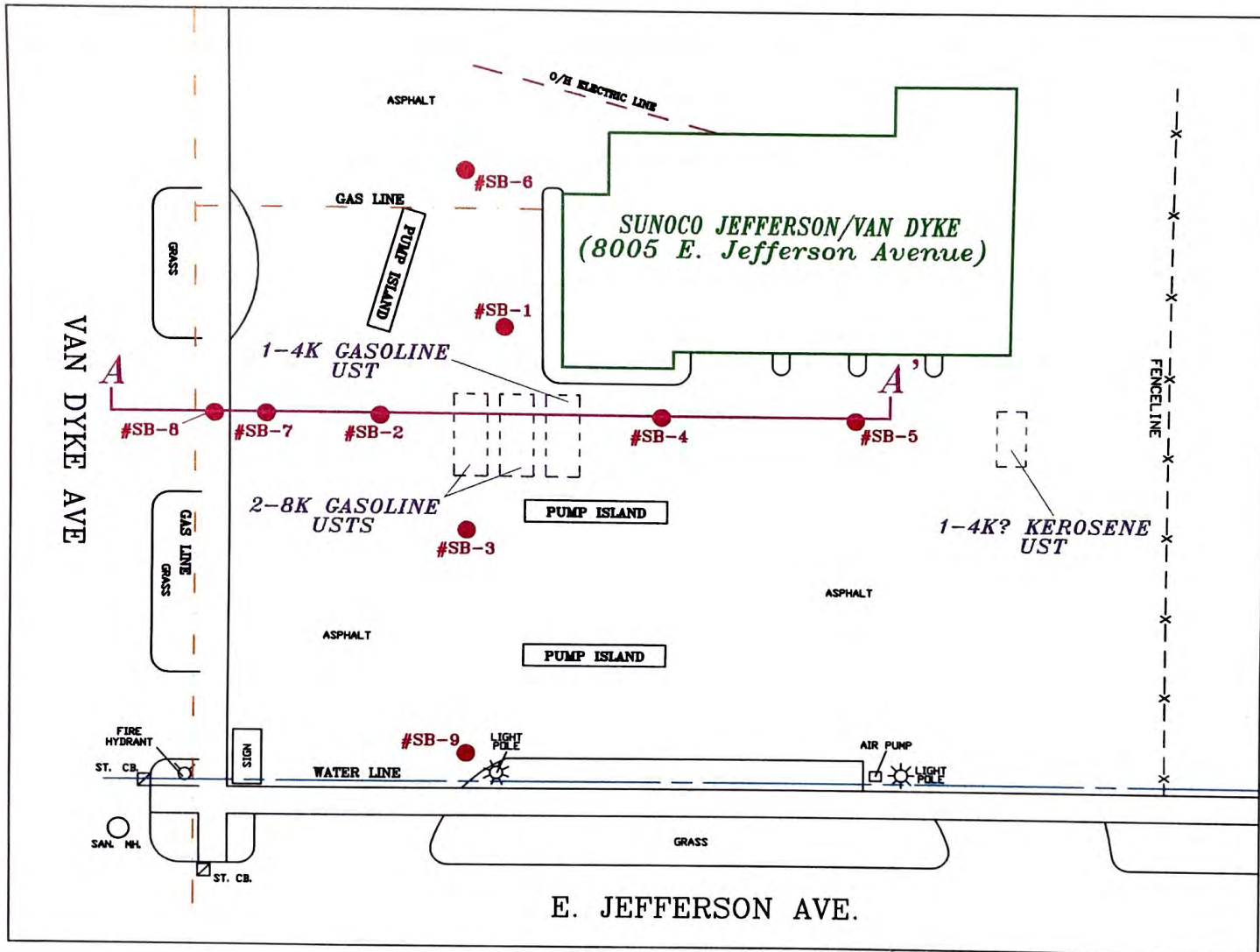
DATE
REV. 11/30/2001

SCALE
1" = 30'

DRAWN BY:
L.T./T.H.

FILE:
SUNVSS4R.DWG

FIGURE 4
SAMPLE LOCATION MAP
SUNOCO JEFFERSON/VAN DYKE
8005 E. JEFFERSON AVE.
DETROIT, MI 48214



LEGEND	
	SAN. M.H. SANITARY MANHOLE
	ST. CB. STORM CATCHBASIN
	GAS LINE
	WATER LINE
	OVERHEAD ELECTRIC LINE
	#SB-5 SOIL BORING LOCATION & DESIGNATED LABEL
	A A' CROSS-SECTIONAL BASELINE A-A'

CONSOLIDATED ENVIRONMENTAL SERVICES, INC.
 725 S. ADAMS RD., SUITE 14 BIRMINGHAM, MI. 48009
 PHONE: 248-540-8437 FAX: 248-540-8368

DATE	REV. 11/7/2001
SCALE	1" = 30'
DRAWN BY:	L.T./T.H.
FILE:	SUNDXBM5.DWG

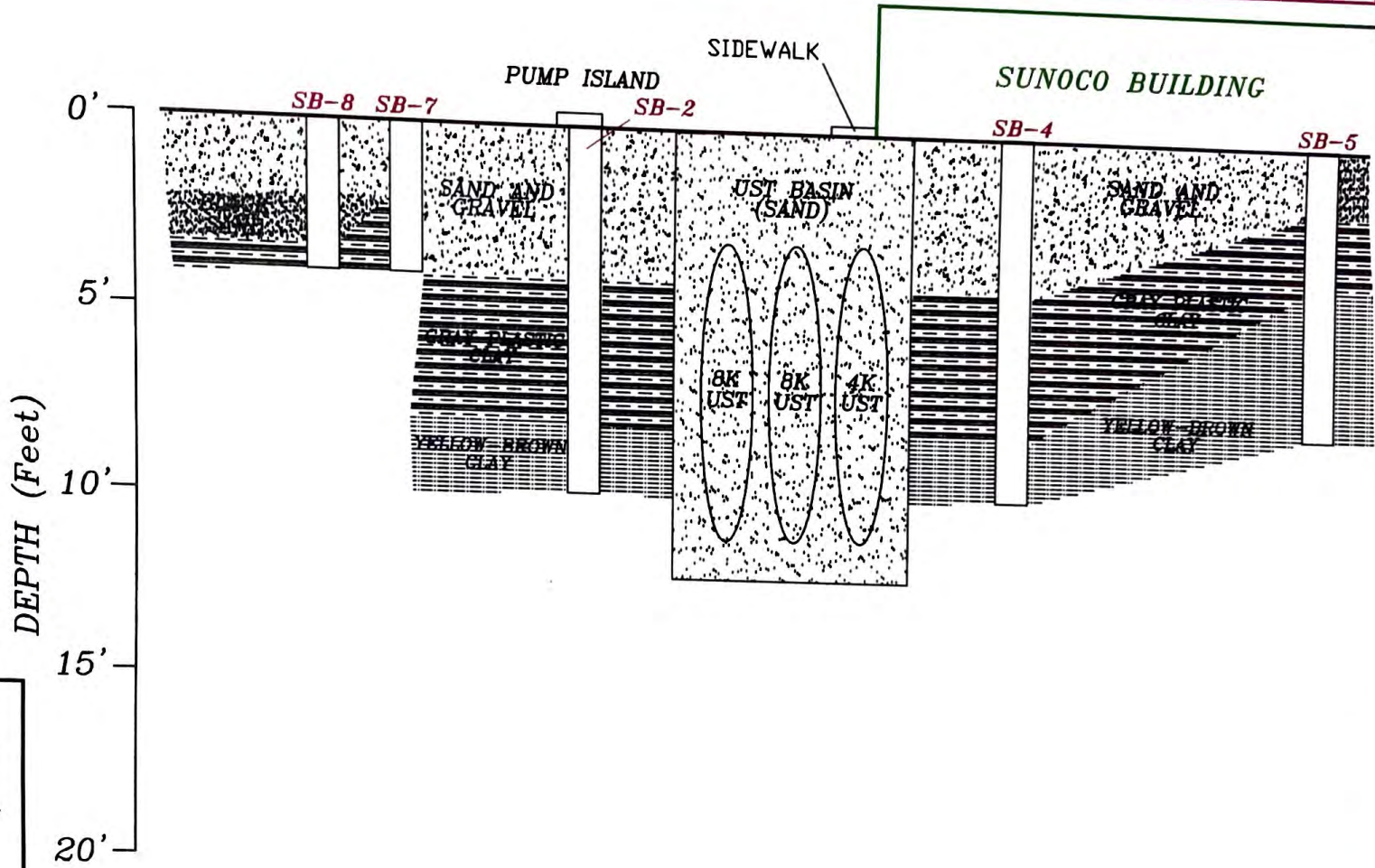
FIGURE 5
 CROSS-SECTION BASELINE MAP
 SUNOCO JEFFERSON/VAN DYKE
 8005 E. JEFFERSON AVE.
 DETROIT, MI 48214

WEST

EAST

A

A'



(FEET)






HORIZ. SCALE: 1" = 20'

VERT. SCALE: 1" = 5'

(Vertical Exaggeration = 4)

DEPTH (Feet)

LEGEND

-  CROSS-SECTION BASELINE
-  SAND AND GRAVEL FORMATION
-  BLACK SAND FORMATION
-  GRAY PLASTIC CLAY FORMATION
-  YELLOW-BROWN CLAY FORMATION

CONSOLIDATED ENVIRONMENTAL SERVICES, INC.

725 S. ADAMS RD., STE.#14 BIRMINGHAM, MI. 48009

PHONE: 248-540-8437 FAX: 248-540-8368

DATE
REV. 11/7/2001

SCALE
HORIZ. 1" = 20'

DRAWN BY:
L.T./TH.

FILE:
SUNDXSC6.DWG

FIGURE 6

CROSS-SECTION A-A' MAP
SUNOCO JEFFERSON/VAN DYKE
8005 E. JEFFERSON AVENUE
DETROIT, MICHIGAN 48214

**SOIL ANALYTICAL DATA
SUNOCO - JEFFERSON/ VAN DYKE
SUNOCO ULTRA SERVICE CENTER
8005 E. JEFFERSON AVE.
DETROIT MI, 48214**

Sample Designation	SB-1	SB-1	SB-2	SB-2	SB-3	SB-3	SB-4	Commercial III Direct Contact Criteria	Commercial III Volatilization to Indoor Air Inhalation Criteria
Depth (BGS)	2'-3'	9'-10'	2'-3'	9'-10'	3'-4'	9'-10'	3'-4'		
Date Collected	5-17-01	5-17-01	5-17-01	5-17-01	5-17-01	5-17-01	5-17-01		
Date Extracted	5-24-01	5-23-01	5-24-01	5-23-01	5-24-01	5-23-01	5-22-01		
Date Analyzed	5-24-01	5-23-01	5-24-01	5-23-01	5-24-01	5-24-01	5-22-01		
Analytical Method No.	8260	8260	8260	8260	8260	8260	8260		
Collection Method	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB		
VOLATILE ORGANICS (ng/kg)									
Benzene	1,070	<50	5,950	<50	2,020	<50	7,200	400,000 (C)	8400
Toluene	1,240	<50	40,800	<50	5,970	52	726	250,000 (C)	250,000 (C)
Ethylbenzene	4,220	<50	18,100	<50	1,540	<50	4,510	140,000 (C)	140,000 (C)
Total Xylenes	102,000	<150	171,000	<150	83,500	<150	3,020	150,000 (C)	150,000 (C)
MTBE	<4,000	<250	<2,500	<250	<4,000	<250	325	5,900,000 (C)	5,900,000 (C)
2-Methylnaphthalene	9,600	<250	12,100	<250	13,700	<250	13,500	72,000,000	ID
Naphthalene	6,600	<250	8,790	<250	7,820	<250	9,060	140,000,000	470,000
1,2,4-Trimethylbenzene	52,200	<100	75,300	<100	85,600	<100	925	110,000 (C)	110,000 (C)
1,3,5-Trimethylbenzene	18,600	<100	28,000	<100	30,100	<100	413	94,000 (C)	94,000 (C)

NOTES: C - Value presented is a screening level based on the chemical-specific generic soil saturation concentration (C_{sat}) since the calculated risk-based criterion is greater than C_{sat}. Concentrations greater than C_{sat} are acceptable cleanup criteria for this pathway where a site-specific demonstration indicates that free-phase contaminant is not present. Consult the Generic Soil Saturation Concentrations: Technical Support Document (August 31, 1998) for further guidance on development of site-specific C_{sat} values. Risk-based criteria are available by contacting an ERD toxicologist.

ID - Inadequate data to develop criterion.

Risk-based screening levels were obtained from MDEQ Operational Memorandum No. 18 Cleanup Criteria Tables, revised June 7, 2000.

**SOIL ANALYTICAL DATA, CONTINUED
SUNOCO - JEFFERSON/ VAN DYKE
SUNOCO ULTRA SERVICE CENTER
8005 E. JEFFERSON AVE.
DETROIT MI, 48214**

Sample Designation	SB-4	SB-5	SB-5	SB-6	SB-7	SB-8	SB-9	Commercial III Direct Contact Criteria	Commercial III Volatization To Indoor Air Inhalation Criteria
Depth (BGS)	9'-10'	3'-4'	7'-8'	3.5'-4'	3'-4'	3'-4'	3.5'-4'		
Date Collected	5-17-01	5-17-01	5-17-01	5-17-01	5-17-01	5-17-01	5-17-01		
Date Extracted	5-23-01	5-24-01	5-23-01	5-22-01	5-24-01	5-23-01	5-22-01		
Date Analyzed	5-23-01	5-24-01	5-24-01	5-22-01	5-24-01	5-24-01	5-22-01		
Analytical Method No.	8260	8260	8260	8260	8260	8260	8260		
Collection Method	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB		
VOLATILE ORGANICS (µg/kg)									
Benzene	<50	2760	87	355	<500	<50	2130	180,000	8400
Toluene	<50	1830	<50	449	<500	<50	232	250,000 (C)	250,000 (C)
Ethylbenzene	<50	10,900	<50	618	4780	<50	4350	140,000 (C)	140,000 (C)
Total Xylenes	<150	60,400	<150	4290	6070	<150	3910	150,000 (C)	150,000 (C)
MTBE	<250	<2500	<250	<250	<2500	<250	<250	5,900,000 C	5,900,000 (C)
2-Methylnaphthalene	<250	24,900	663	803	6970	<250	6400	72,000,000	ID
Naphthalene	<250	13,700	<250	<250	2650	<250	5980	140,000,000	470,000
1,2,4-Trimethylbenzene	<100	66,100	<100	829	16,800	<100	3000	110,000 (C)	110,000 (C)
1,3,5-Trimethylbenzene	<100	31,400	<100	244	6510	<100	1440	94,000 (C)	94,000 (C)

NOTES: C - Value presented is a screening level based on the chemical-specific generic soil saturation concentration (C_{sat}) since the calculated risk-based criterion is greater than C_{sat}. Concentrations greater than C_{sat} are acceptable cleanup criteria for this pathway where a site-specific demonstration indicates that free-phase contaminant is not present. Consult the Generic Soil Saturation Concentrations: Technical Support Document (August 31, 1998) for further guidance on development of site-specific C_{sat} values. Risk-based criteria are available by contacting an ERD toxicologist.

ID – Inadequate data to develop criterion.

Risk-based screening levels were obtained from MDEQ Operational Memorandum No. 18 Cleanup Criteria Tables, revised June 7, 2000.

SOIL ANALYTICAL DATA, CONTINUED
SUNOCO - JEFFERSON/ VAN DYKE
SUNOCO ULTRA SERVICE CENTER
8005 E. JEFFERSON AVE.
DETROIT MI, 48214

Sample Designation	SB-10	SB-11	Commercial III Direct Contact Criteria	Commercial III Volatilization To Indoor Air Inhalation Criteria
Depth (BGS)	3'-4'	3'-4'		
Date Collected	8-8-01	8-8-01		
Date Extracted	8-13-01	8-13-01		
Date Analyzed	8-13-01	8-13-01		
Analytical Method No.	8260	8260		
Collection Method	PROBE	PROBE		
VOLEATILE ORGANICS (µg/Kg)				
Benzene	<50	<50	180,000	8400
Toluene	<50	<50	250,000 (C)	250,000 (C)
Ethylbenzene	<50	<50	140,000 (C)	140,000 (C)
Total Xylenes	<150	<150	150,000 (C)	150,000 (C)
MTBE	<250	<250	5,900,000 C	5,900,000 (C)
2-Methylnaphthalene	<250	<250	72,000,000	ID
Naphthalene	<250	<250	140,000,000	470,000
1,2,4-Trimethylbenzene	<100	<100	110,000 (C)	110,000 (C)
1,3,5-Trimethylbenzene	<100	<100	94,000 (C)	94,000 (C)

NOTES: C - Value presented is a screening level based on the chemical-specific generic soil saturation concentration (C_{sat}) since the calculated risk-based criterion is greater than C_{sat}. Concentrations greater than C_{sat} are acceptable cleanup criteria for this pathway where a site-specific demonstration indicates that free-phase contaminant is not present. Consult the Generic Soil Saturation Concentrations: Technical Support Document (August 31, 1998) for further guidance on development of site-specific C_{sat} values. Risk-based criteria are available by contacting an ERD toxicologist.

ID - Inadequate data to develop criterion.

Risk-based screening levels were obtained from MDEQ Operational Memorandum No. 18 Cleanup Criteria Tables, revised June 7, 2000.

**SOIL ANALYTICAL DATA, CONT'D.
SUNOCO ULTRA SERVICE CENTER
8005 JEFFERSON AVE.
DETROIT, MICHIGAN 48124**

NOTES: C - Value presented is a screening level based on the chemical-specific generic soil saturation concentration (C_{sat}) since the calculated risk-based criterion is greater than C_{sat}. Concentrations greater than C_{sat} are acceptable cleanup criteria for this pathway where a site-specific demonstration indicates that free-phase contaminant is not present. Consult the Generic Soil Saturation Concentrations: Technical Support Document (August 31, 1998) for further guidance on Development of site-specific C_{sat} values. Risk-based criteria are available by contacting an ERD toxicologist.

D - Calculated criterion exceeds 100%, hence it is reduced to 100%. Evaluation of free phase contaminant, environmental impacts, adverse aesthetics and acute or local toxicity are required.

EDB - 1,2-Dibromoethane is also known as Ethylene dibromide.

ID - *Inadequate data* to develop criterion.

ND - Hazardous Compound was *not detected*.

NLV - Hazardous substance is *not likely to volatilize* under most soil conditions.

T - Refer to the Toxic Substances Control Act (TSCA), 40 CFR 761, Subparts D and G, as amended, to determine the applicability of TSCA cleanup standards. See table on page A.33 of MDEQ Operational Memorandum No. 18.

Risk-based screening levels were obtained from MDEQ Operational Memorandum #18 cleanup Criteria Tables, revised June 7, 2000.

SOIL ANALYTICAL DATA, CONT'D.
SUNOCO ULTRA SERVICE CENTER
8005 JEFFERSON AVE.
DETROIT, MICHIGAN 48124

Sample Designation	WW-D	WW-2	NW-D	NW-2	SB-12	Industrial/ Commercial III Direct Contact Protection Criteria	Industrial/ Commercial III Volatilization To Indoor Air Inhalation Criteria
Depth (BGS)	5'	5'	5'	5'	10'-11'		
Date Collected	10-23-01	10-23-01	10-23-01	10-23-01	11-19-01		
Date Extracted	10-27-01	10-4-01	10-27-01	10-4-01	11-28-01		
Date Analyzed	10-29-01	10-4-01	10-29-01	10-5-01	11-28-01		
Collection Method	GRAB	GRAB	GRAB	GRAB	PROBE		
VOLATILE ORGANICS (µg/Kg) Method 8260							
Benzene	NA	<50	NA	<50	<50	400,000 C	8400
Toluene	NA	<50	NA	<50	<50	250,000 C	250,000 C
Ethylbenzene	NA	<50	NA	<50	<50	140,000 C	140,000 C
Xylenes	NA	<150	NA	<150	<150	150,000 C	150,000 C
MTBE	NA	<250	NA	<250	NA	5,900,000 C	5,900,000 C
1,2-Dibromoethane (EDB)*	NA	<50	NA	<50	<50	1200	3600
1,2-Dichloroethane	NA	<50	NA	<50	<50	1,100,000	11,000
1,2,4-Trimethylbenzene	NA	<100	NA	<100	<100	110,000 C	110,000 C
1,3,5-Trimethylbenzene	NA	<100	NA	<100	<100	94,000 C	94,000 C
HALOGENATED COMPOUNDS (µg/Kg) Method 8260							
Chlorobenzene	NA	ND	NA	ND	473	260,000	220,000
1,2-Dichlorobenzene	NA	ND	NA	ND	58	210,000 C	210,000 C
1,4-Dichlorobenzene	NA	ND	NA	ND	60	5,100,000	100,000
Methylene Chloride	NA	ND	NA	ND	204	2,300,000 C	240,000
POLYNUCLEAR AROMATIC HYDROCARBONS (µg/Kg) Method 8270							
Acenaphthene	NA	<330	NA	<330	<330	360,000,000	350,000,000
Acenaphthylene	NA	<330	NA	<330	<330	14,000,000	3,000,000
Anthracene	NA	<330	NA	<330	<330	1,000,000,000 D	1,000,000,000 D
Benzo (a) anthracene	NA	<330	NA	692	<330	300,000	NLV
Benzo (b) fluoranthene	NA	<330	NA	412	<330	300,000	NLV
Benzo (k) fluoranthene	NA	<330	NA	1100	<330	3,000,000	NLV
Benzo (g,h,i) perylene	NA	<330	NA	428	<330	27,000,000	NLV
Benzo (a) pyrene	NA	<330	NA	656	<330	30,000	NLV
Chrysene	NA	<330	NA	720	<330	30,000,000	ID
Dibenzo (a,h) anthracene	NA	<330	NA	<330	<330	30,000	NLV
Fluoranthene	NA	<330	NA	1120	<330	460,000,000	1,000,000,000 D
Fluorene	NA	<330	NA	<330	<330	240,000,000	1,000,000,000 D
Indeno (1,2,3-cd) pyrene	NA	<330	NA	444	<330	300,000	NLV
2-Methylnaphthalene	NA	<330	NA	<330	<330	72,000,000	ID
Naphthalene	NA	<330	NA	<330	<330	140,000,000	470,000
Phenanthrene	NA	<330	NA	496	<330	14,000,000	3,300,000
Pyrene	NA	<330	NA	1220	<330	290,000,000	1,000,000,000 D
METALS (µg/Kg) Method 6010A							
Total Cadmium	NA	1660	NA	1430	1200	4,200,000	NLV
Total Chromium	14,000	12,900	13,300	11,700	108,000	1,000,000,000 D	NLV
Chromium (VI)	445	654	568	807	NA	20,000,000	NLV
Total Lead	NA	21,400	NA	129,000	10,200	400,000	NLV
DIESEL RANGE ORGANICS (µg/Kg) Method 8270 Modified							
nC-10 to nC-25	NA	<6400	NA	<6400	<32,000	NMVE	NMVE
POLYCHLORINATED BIPHENYLS (µg/Kg) Method 8082							
1016	NA	<330	NA	<330	<330	62,000 T	NLV
1221	NA	<330	NA	<330	<330	62,000 T	NLV
1232	NA	<330	NA	<330	<330	62,000 T	NLV
1242	NA	<330	NA	<330	<330	62,000 T	NLV
1248	NA	<330	NA	<330	<330	62,000 T	NLV
1254	NA	<330	NA	<330	<330	62,000 T	NLV
1260	NA	<330	NA	<330	<330	62,000 T	NLV

**SOIL ANALYTICAL DATA
SUNOCO ULTRA SERVICE CENTER
8005 JEFFERSON AVE.
DETROIT, MICHIGAN 48124**

Sample Designation	WW	NW	EW	SW	Industrial/ Commercial III Direct Contact Protection Criteria	Industrial/ Commercial III Volatilization To Indoor Air Inhalation Criteria
Depth (BGS)	5'	5'	5'	5'		
Date Collected	9-20-01	9-20-01	9-20-01	9-20-01		
Date Extracted	10-4-01	10-4-01	10-4-01	10-4-01		
Date Analyzed	10-4-01	10-4-01	10-4-01	10-5-01		
Collection Method	GRAB	GRAB	GRAB	GRAB		
VOLATILE ORGANICS (µg/Kg) Method 8260						
Benzene	<50	<50	<50	<50	400,000 C	8400
Toluene	<50	<50	<50	<50	250,000 C	250,000 C
Ethylbenzene	<50	<50	<50	<50	140,000 C	140,000 C
Xylenes	<150	<150	<150	<150	150,000 C	150,000 C
MTBE	<250	<250	<250	<250	5,900,000 C	5,900,000 C
1,2-Dibromoethane (EDB)*	<50	<50	<50	<50	1200	3600
1,2-Dichloroethane	<50	<50	<50	<50	1,100,000	11,000
1,2,4-Trimethylbenzene	<100	<100	<100	<100	110,000 C	110,000 C
1,3,5-Trimethylbenzene	<100	<100	<100	<100	94,000 C	94,000 C
HALOGENATED COMPOUNDS (µg/Kg) Method 8260						
I3 Compounds	ND	ND	ND	ND		
POLYNUCLEAR AROMATIC HYDROCARBONS (µg/Kg) Method 8270						
Acenaphthene	<330	<330	<330	<330	360,000,000	350,000,000
Acenaphthylene	<330	<330	<330	<330	14,000,000	3,000,000
Anthracene	<330	<330	<330	<330	1,000,000,000 D	1,000,000,000 D
Benzo (a) anthracene	<330	<330	785	412	300,000	NLV
Benzo (b) fluoranthene	<330	<330	664	<330	300,000	NLV
Benzo (k) fluoranthene	<330	<330	762	<330	3,000,000	NLV
Benzo (g,h,i) perylene	<330	<330	738	<330	27,000,000	NLV
Benzo (a) pyrene	<330	<330	714	<330	30,000	NLV
Chrysene	<330	<330	762	<330	30,000,000	ID
Dibenzo (a,h) anthracene	<330	<330	381	<330	30,000	NLV
Fluoranthene	<330	<330	1050	482	460,000,000	1,000,000,000 D
Fluorene	<330	<330	<330	<330	240,000,000	1,000,000,000 D
Indeno (1,2,3-cd) pyrene	<330	<330	664	<330	300,000	NLV
2-Methylnaphthalene	<330	<330	<330	<330	72,000,000	ID
Naphthalene	<330	<330	<330	<330	140,000,000	470,000
Phenanthrene	<330	<330	405	<330	14,000,000	3,300,000
Pyrene	<330	<330	976	437	290,000,000	1,000,000,000 D
METALS (µg/Kg) Method 6010A						
Total Cadmium	1310	6880	576	978	4,200,000	NLV
Total Chromium	1,200,000	25,300,000	171,000	883,000	1,000,000,000 D	NLV
Total Lead	55,900	<500	199,000	21,900	400,000	NLV
DIESEL RANGE ORGANICS (µg/Kg) Method 8270 modified						
nC-10 to nC-25	<32,000	<32,000	<32,000	<32,000	NMVE	NMVE
POLYCHLORINATED BIPHENYLS (µg/Kg) Method 8082						
1016	<330	<330	<330	<330	62,000 T	NLV
1221	<330	<330	<330	<330	62,000 T	NLV
1232	<330	<330	<330	<330	62,000 T	NLV
1242	<330	<330	<330	<330	62,000 T	NLV
1248	<330	<330	<330	<330	62,000 T	NLV
1254	<330	<330	<330	<330	62,000 T	NLV
1260	<330	<330	<330	<330	62,000 T	NLV

Sample Designation	FL-W	FL-W2	Direct Contact Protection Criteria	Industrial/ Commercial Volatilization to Indoor Air Inhalation Criteria
Depth (BGS)	9'	9'		
Date Collected	9-20-01	11-19-01		
Date Extracted	9-28-01	11-20-01		
Date Analyzed	9-29-01	11-26-01		
Collection Method	GRAB	GRAB		
VOLATILE ORGANICS (µg/L) Method 8260				
Benzene	<10	NA	11,000	36,000
Toluene	23	NA	530,000 S	530,000 S
Ethylbenzene	<10	NA	170,000 S	170,000 S
Total Xylenes	94	NA	190,000 S	190,000 S
MTBE	<50	NA	690,000	47,000,000 S
Carbon tetrachloride	<10	NA	4600	2400
Chlorobenzene	<10	NA	86,000	470,000 S
1,2-Dibromoethane (EDB)	<10	NA	25	19,000
1,2-Dichlorobenzene	<10	NA	160,000 S	160,000 S
1,3-Dichlorobenzene	<10	NA	2000	ID
1,4-Dichlorobenzene	<10	NA	6400	74,000 S
Dichlorodifluoromethane	<50	NA	300,000 S	300,000 S
1,2-Dichloroethane	<10	NA	19,000	59,000
Methylene chloride	<20	NA	220,000	1,400,000
Tetrachloroethylene	<10	NA	12,000	170,000
1,1,1-Trichloroethane	<10	NA	1,300,000 S	1,300,000 S
1,1,2-Trichloroethane	<10	NA	21,000	110,000
Trichloroethylene	<10	NA	37,000	97,000
Trichlorofluoromethane	<50	NA	1,100,000 S	1,100,000 S
1,1,2-Trichloro-1,2,2-trifluoroethane	<50	NA	170,000 S	170,000 S
1,2,4-Trimethylbenzene	78	NA	56,000 S	56,000 S
1,3,5-Trimethylbenzene	29	NA	61,000 S	61,000 S
POLYNUCLEAR AROMATIC HYDROCARBONS (µg/L) Method 8270				
Acenaphthene	<50	<5	4200 S	4200 S
Acenaphthylene	<50	<5	3900 S	3900 S
Anthracene	<50	<5	43 S	43 S
Benzo (a) anthracene	95	<1	9.4 S, AA	NLV
Benzo (b) fluoranthene	<50	<2	2.0 M, AA	NLV
Benzo (k) fluoranthene	<50	<5	5.0 M, AA	NLV
Benzo (g,h,i) perylene	200	<5	5.0 M	NLV
Benzo (a) pyrene	<50	<2	5.0 M, AA	NLV
Chrysene	70	<5	5.0 M, AA	ID
Dibenzo (a,h) anthracene	<50	<2	5.0 M, AA	NLV
Fluoranthene	55	<5	210 S	210 S
Fluorene	<50	<5	2000 S	2000 S
Indeno (1,2,3-cd) pyrene	<50	<2	5.0 M	NLV
2-Methylnaphthalene	815	<5	25,000 S	ID
Naphthalene	455	<5	31,000 S	31,000 S
Phenanthrene	90	<5	1000 S	1000 S
Pyrene	175	<5	140 S	140 S

SUNOCO ULTRA SERVICE, CONT'D.
8005 JEFFERSON AVE.
DETROIT, MICHIGAN 48214

Sample Designation	FL-W	Direct Contact Protection Criteria	Industrial/ Commercial Volatilization to Indoor Air Inhalation Criteria
Depth (BGS)	9'		
Date Collected	9-20-01		
Date Extracted	9-28-01		
Date Analyzed	9-29-01		
Collection Method	GRAB		
METALS (µg/L) Method 6010A			
Cadmium (B)	<20	190,000	NLV
Chromium (B,H)	55	290,000,000	NLV
Lead	512	ID	NLV
DIESEL RANGE ORGANICS (µg/L) Method 8270 modified			
n-C10 to n-C25	3430	NMVE	NMVE
TOTAL PCBs (µg/L) Method 8082			
PCB 1016 (J,T)	<0.4	3.3 AA	45 S
PCB 1221 (J,T)	<0.4	3.3 AA	45 S
PCB 1232 (J,T)	<0.4	3.3 AA	45 S
PCB 1242 (J,T)	<0.4	3.3 AA	45 S
PCB 1248 (J,T)	<0.4	3.3 AA	45 S
PCB 1254 (J,T)	<0.4	3.3 AA	45 S
PCB 1260 (J,T)	<0.4	3.3 AA	45 S

- NOTES:** AA - Filtered groundwater samples must be collected for appropriate comparison to the GCC, since these hazardous substances are likely to be adsorbed to particulates rather than dissolved in water.
- B - Background, as defined in RYLG 299.5701 (c), may be substituted if higher than the calculated cleanup criteria. Background levels may not exceed criteria for all inorganic compounds.
- EDB - 1,2-Dibromoethane is also known as Ethylene Dibromide.
- H - Valence-specific chromium data (CrIII and CrVI) must be compared to the corresponding valence-specific cleanup criteria. If analytical data are provided for "total" chromium only, then values for CrVI must be applied as the cleanup criteria. CrIII cleanup criteria for protection of drinking water can only be used at sites where groundwater is prevented from being used as a public water supply, currently and in the future.
- ID - *Inadequate data* to develop criterion.
- J - Hazardous substance may be present in several isomer forms. Isomer-specific concentrations must be added together for comparison to criteria.
- M - Calculated criterion is below analytical Target Detection Limit (TDL), therefore the criterion defaults to the TDL.
- NLV - Chemical is *not likely to volatilize* under most conditions.
- NMVE - *No Michigan value established*.
- S - Criterion defaults to the chemical-specific water solubility limit.
- T - Refer to the Toxic Substances Control Act (TSCA) 40 CFR 761, Subparts D and G, as amended to determine the applicability of TSDCA cleanup standards; or refer to table on page A.33 of Operational Memorandum No. 18.
- Risk-based screening levels were obtained from MDEQ Operational Memorandum #18 cleanup Criteria Tables, revised June 7, 2000.

**ATTACHMENT 3
SOIL BORING LOGS**

CONSOLIDATED ENVIRONMENTAL SERVICES, INC.

SOIL BORING / MONITORING WELL LOG

PROJECT: SUNOCO - JEFFERSONMAN DYKE	LOCATION: 8005 E. Jefferson Ave. Detroit, MI
OWNER: Mohammed	BORING / WELL NUMBER: SB-1
LOGGED BY: David Belan	DEPTH TO GROUNDWATER: 3 FEET
DATE: 5-17-01	TOTAL DEPTH DRILLED: 10 FEET
WEATHER: Foggy, 60 ° F	DRILLING METHOD: Geoprobe

SAMPLE TAKEN	DEPTH IN FEET	PID READINGS PPM	LITHOLOGY
			Concrete
	1	14	Beckfill - Sand and Gravel, brown, fine grained, well sorted, damp, slight odor.
UGP	2	3700	CLAY - Dark gray green, dark brown, black, moderately plastic-plastic, firm-soft, damp, little sand, trace gravel, strong gasoline odor; pea gravel @ 3.9-4 ft.
	3	3200	
	4	962	CLAY - Gray brown, dark gray, black, slightly plastic-plastic, stiff-firm, damp, trace gravel and sand, gasoline odor.
	5	658	
	6	368	
	7	106	CLAY - Yellow brown, gray, moderately plastic, stiff-firm, damp, slight gasoline odor.
UGP	8	72	
	9		TOTAL DEPTH = 10 FEET No monitoring well installed.
	10		
	11		
	12		

CONSOLIDATED ENVIRONMENTAL SERVICES, INC.

SOIL BORING / MONITORING WELL LOG

PROJECT: SUNOCO - JEFFERSONMAN DYKE	LOCATION: 8005 E. Jefferson Ave. Detroit, MI
OWNER: Mohammed	BORING / WELL NUMBER: SB-2
LOGGED BY: David Belan	DEPTH TO GROUNDWATER: N/A
DATE: 5-17-01	TOTAL DEPTH DRILLED: 10 FEET
WEATHER: Foggy, 60 ° F	DRILLING METHOD: Geoprobe

SAMPLE TAKEN	DEPTH IN FEET	PID READINGS (PPM)	LITHOLOGY
			Concrete
	1	NR	Backfill - Sand and Gravel, almost no recovery.
UGP	2	3378	CLAY - Green, gray, black, slightly-moderately plastic-plastic, stiff-firm soft @ 3.5 ft., little sand, trace gravel, damp, wet @ 3.5 ft., strong gasoline odor.
	3	1946	
	4	1121	CLAY - Green, yellow brown, slightly-moderately plastic, stiff-firm, damp, some silt, trace gravel and sand, deminishing gasoline odor.
	5	191	
	6	65	
	7	NR	
	8	10	CLAY - Dull yellow brown, light gray, very slightly plastic, stiff, dry-damp, some silt and fine sand, trace gravel, no odor.
UGP	9	5	
	10		TOTAL DEPTH = 10 FEET No monitoring well installed.
	11		
	12		

CONSOLIDATED ENVIRONMENTAL SERVICES, INC.

SOIL BORING / MONITORING WELL LOG

PROJECT: SUNOCO - JEFFERSONMAN DYKE	LOCATION: 8005 E. Jefferson Ave. Detroit, MI
OWNER: <i>Mohammed</i>	BORING / WELL NUMBER: SB-3
LOGGED BY: <i>David Belan</i>	DEPTH TO GROUNDWATER: N/A
DATE: 5-17-01	TOTAL DEPTH DRILLED: 10 FEET
WEATHER: <i>Foggy, 60 ° F</i>	DRILLING METHOD: Geoprobe

SAMPLE TAKEN	DEPTH IN FEET	PID READINGS (PPM)	LITHOLOGY
	1	2650	Concrete
	2	1810	Backfill - Pea Gravel and gravel, wet, poor recovery.
	3	3775	CLAY - Gray brown, gray, slightly=moderate plastic, gas odor, 1/2' silt on top.
UGP	4	272	
	5	1564	CLAY - Yellow brown, very slightly plastic, stiff, damp, trace sand, silt, and gravel, gasoline odor.
	6	6	
	7	5	
	8	8	
	9	6	
UGP	10	0	
	11		TOTAL DEPTH = 10 FEET No monitoring well installed.
	12		

CONSOLIDATED ENVIRONMENTAL SERVICES, INC.

SOIL BORING / MONITORING WELL LOG

PROJECT: SUNOCO - JEFFERSONIAN DYKE	LOCATION: 8005 E. Jefferson Ave. Detroit, MI
OWNER: Mohammed	BORING / WELL NUMBER: SB-4
LOGGED BY: David Belan	DEPTH TO GROUNDWATER: N/A
DATE: 5-17-01	TOTAL DEPTH DRILLED: 10 FEET
WEATHER: Foggy, 60 ° F	DRILLING METHOD: Geoprobe

SAMPLE TAKEN	DEPTH IN FEET	PIG READINGS FPM	LITHOLOGY
			Concrete
	1		Backfill - Pea Gravel, poor recovery.
	2	3800	
	3		
UGP	4		CLAY - Dark gray, plastic, firm, damp, trace gravel, strong gasoline odor.
	5		
	6	1218	
	7		
	8		CLAY - Dull yellow brown, light gray, very slightly plastic, stiff, dry-damp, trace gravel and sand, no odor.
UGP	9	5	
	10		TOTAL DEPTH = 10 FEET No monitoring well installed.
	11		
	12		

CONSOLIDATED ENVIRONMENTAL SERVICES, INC.

SOIL BORING / MONITORING WELL LOG

PROJECT: SUNOCO - JEFFERSONMAN DYKE	LOCATION: 8005 E. Jefferson Ave. Detroit, MI
OWNER: Mohammed	BORING / WELL NUMBER: SB-5
LOGGED BY: David Belan	DEPTH TO GROUNDWATER: N/A
DATE: 5-17-01	TOTAL DEPTH DRILLED: 8 FEET
WEATHER: Foggy, 60 ° F	DRILLING METHOD: Geoprobe

SAMPLE TAKEN	DEPTH IN FEET	PID READINGS PPM	LITHOLOGY
	1		Concrete
	2	1300	Backfill - Sand and gravel, very poor recovery.
	3	1912	CLAY - Black, green, gray green, slightly plastic, trace sand and gravel, gasoline odor; 3 fine sand seams(1/2" -1 1/2" thick), moist, strong gasoline odo, 1 ft. slump.
UGP	4	2056	
	5		CLAY - Yellow brown, very slightly plastic, stiff, silty, trace sand and gravel, damp, no odor.
	6	0	
UGP	7		
	8		TOTAL DEPTH = 8 FEET No monitoring well installed.
	9		
	10		
	11		
	12		

CONSOLIDATED ENVIRONMENTAL SERVICES, INC.

SOIL BORING / MONITORING WELL LOG

PROJECT: SUNOCO - JEFFERSONMAN DYKE	LOCATION: 8005 E. Jefferson Ave. Detroit, MI
OWNER: Mohammed	BORING / WELL NUMBER: SB-6
LOGGED BY: David Belan	DEPTH TO GROUNDWATER: N/A
DATE: 5-17-01	TOTAL DEPTH DRILLED: 4 FEET
WEATHER: Foggy, 60 ° F	DRILLING METHOD: Geoprobe

SAMPLE TAKEN	DEPTH IN FEET	PID READINGS PPM	LITHOLOGY
	1		Concrete
	2	2	Backfill - Sand and gravel, very poor recovery.
	3		CLAY - Yellow brown, black @ 3.5'- 4', stiff to soft, damp, trace sand and gravel, slight odor.
UGP	4	33	
	5		TOTAL DEPTH = 4 FEET No monitoring well installed.
	6		
	7		
	8		
	9		
	10		
	11		
	12		

CONSOLIDATED ENVIRONMENTAL SERVICES, INC.

SOIL BORING / MONITORING WELL LOG

PROJECT: SUNOCO - JEFFERSONMAN DYKE	LOCATION: 8005 E. Jefferson Ave. Detroit, MI
OWNER: Mohammed	BORING / WELL NUMBER: SB-7
LOGGED BY: David Belan	DEPTH TO GROUNDWATER: N/A
DATE: 5-17-01	TOTAL DEPTH DRILLED: 4 FEET
WEATHER: Foggy, 60 ° F	DRILLING METHOD: Geoprobe

SAMPLE TAKEN	DEPTH IN FEET	PID READINGS PPM	LITHOLOGY
			Concrete
	1		Backfill - Sand and gravel, very poor recovery.
	2	65	CLAY - Dark gray, gray brown, firm-soft, trace sand and gravel, moist @ 3' - 4', gasoline odor.
UGP	3	3313	
	4		<p>TOTAL DEPTH = 4 FEET</p> <p>No monitoring well installed.</p>
	5		
	6		
	7		
	8		
	9		
	10		
	11		
	12		

CONSOLIDATED ENVIRONMENTAL SERVICES, INC.

SOIL BORING / MONITORING WELL LOG

PROJECT: SUNOCO - JEFFERSONMAN DYKE		LOCATION: <i>8005 E. Jefferson Ave. Detroit, MI</i>	
OWNER: <i>Mohammed</i>		BORING / WELL NUMBER: SB-8	
LOGGED BY: <i>David Belan</i>		DEPTH TO GROUNDWATER: N/A	
DATE: 5-17-01		TOTAL DEPTH DRILLED: 4 FEET	
WEATHER: <i>Foggy, 60 ° F</i>		DRILLING METHOD: Geoprobe	
SAMPLE TAKEN	DEPTH IN FEET	PID READINGS PPM	LITHOLOGY
	1		Concrete
	2		Backfill - Pea gravel, wet, poor recovery.
	3	1	SAND - Black, brown, fine grained, well sorted, damp, septic odor.
UGP	4	0	CLAY - Yellow, plastic, soft, trace sand and gravel, no odor
	5		TOTAL DEPTH = 4 FEET No monitoring well installed.
	6		
	7		
	8		
	9		
	10		
	11		
	12		

CONSOLIDATED ENVIRONMENTAL SERVICES, INC.

SOIL BORING / MONITORING WELL LOG

PROJECT: SUNOCO - JEFFERSONMAN DYKE	LOCATION: 8005 E. Jefferson Ave. Detroit, MI
OWNER: <i>Mohammed</i>	BORING / WELL NUMBER: SB-9
LOGGED BY: <i>David Belan</i>	DEPTH TO GROUNDWATER: N/A
DATE: 5-17-01	TOTAL DEPTH DRILLED: 4 FEET
WEATHER: <i>Foggy, 60 ° F</i>	DRILLING METHOD: Geoprobe

SAMPLE TAKEN	DEPTH IN FEET	PID READINGS PPM	LITHOLOGY
	1		Concrete
	2	3900	Backfill - Pea gravel, wet, poor recovery.
	3		
UGP	4	788	
	5		TOTAL DEPTH = 4 FEET No monitoring well installed.
	6		
	7		
	8		
	9		
	10		
	11		
	12		

OWNER: <i>Mohammed</i>	BORING / WELL NUMBER: <i>SB-10</i>
LOGGED BY: <i>David Belan</i>	DEPTH TO GROUNDWATER: <i>N/A</i>
DATE: <i>8-8-01</i>	TOTAL DEPTH DRILLED: <i>4 FEET</i>
WEATHER: <i>Sunny, 90 ° F</i>	DRILLING METHOD: <i>Terraprobe</i>

SAMPLE TAKEN	DEPTH IN FEET	PID READINGS (PPM)	LITHOLOGY
			Concrete
	1		Backfill - Sand, light brown, dark gray (1"), fine grained, damp, septic odor in gray.
	2	0	CLAY - Yellow brown, light gray, slightly plastic, stiff, damp, trace gravel, no odor.
	3		
UGP	4	0	
	5		<p>TOTAL DEPTH = 4 FEET</p> <p>No monitoring well installed.</p>
	6		
	7		
	8		
	9		
	10		
	11		
	12		

CONSOLIDATED ENVIRONMENTAL SERVICES, INC.

SOIL BORING / MONITORING WELL LOG

PROJECT: SUNOCO - JEFFERSONMAN DYKE	LOCATION: 8005 E. Jefferson Ave. Detroit, MI
OWNER: Mohammed	BORING / WELL NUMBER: SB-11
LOGGED BY: David Belan	DEPTH TO GROUNDWATER: N/A
DATE: 8-8-01	TOTAL DEPTH DRILLED: 4 FEET
WEATHER: Sunny, 90 ° F	DRILLING METHOD: Terraprobe

SAMPLE TAKEN	DEPTH IN FEET	PID READINGS PPM	LITHOLOGY
	0		Concrete
	1		Backfill - Sand and gravel, light brown, fine grained, damp, no odor.
	2	0	CLAY - Dull yellow brown, medium gray, moderately plastic, firm, damp, trace gravel, no odor.
	3		
UGP	4	0	
	5		<p style="text-align: center;">TOTAL DEPTH = 4 FEET</p> <p style="text-align: center;">No monitoring well installed.</p>
	6		
	7		
	8		
	9		
	10		
	11		
	12		

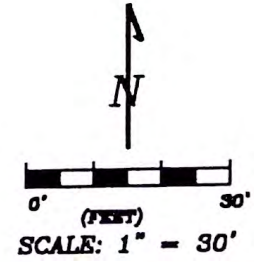
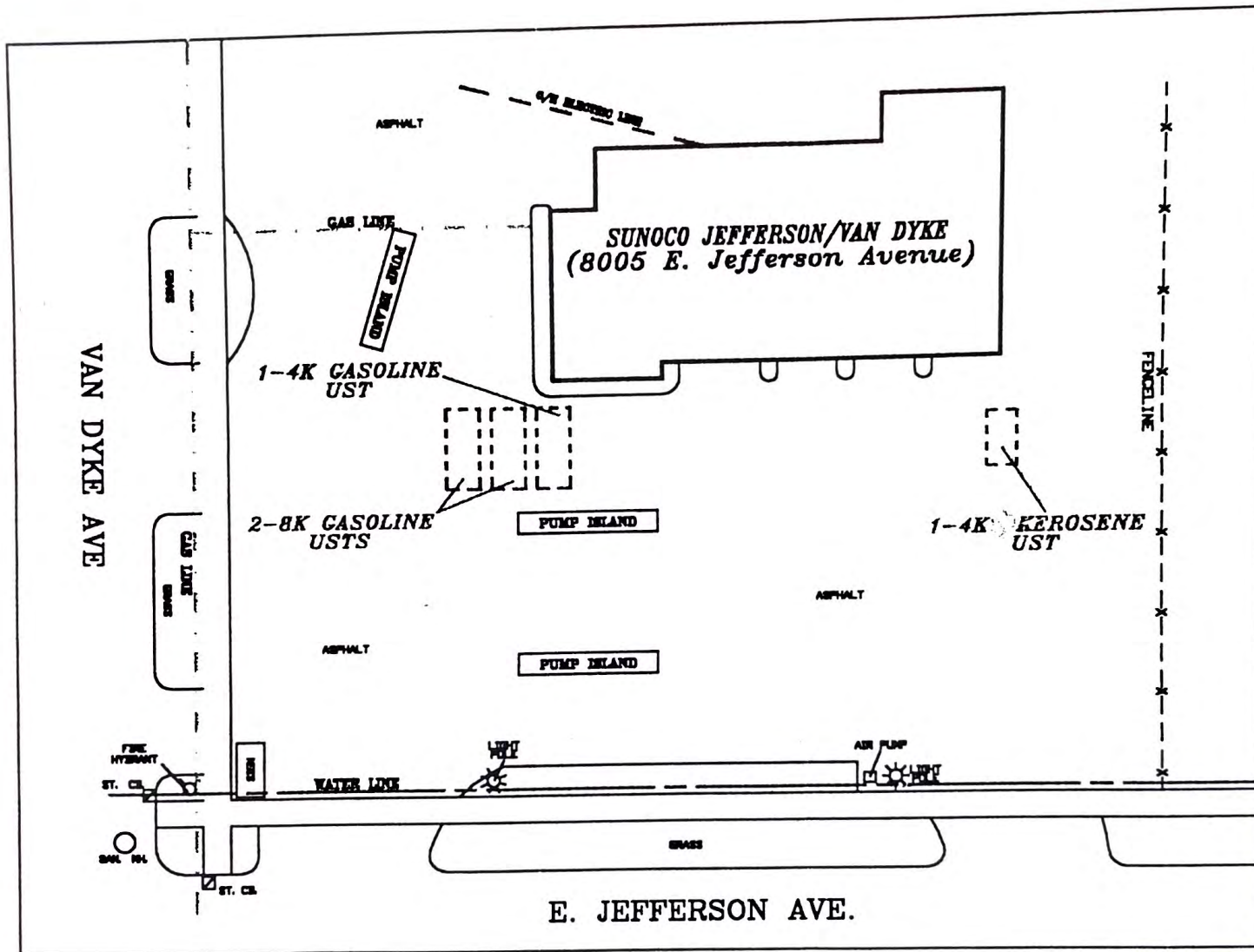
ATTACHMENT A

Common description of land:

Lots 22, 23, 24, and the Westerly 15 feet of Lot 25, PARKER'S RE-SUBDIVISION of Lots 77, 78, 79, 80, 81 Van Dyke Farm, Detroit, according to the plat thereof recorded in Liber 21 of Plats, page 99, Wayne County Records more particularly described as follows: Commencing at the intersection of the Northerly line of East Jefferson Avenue and the Easterly line of Van Dyke Avenue 200 feet to the Southerly line of a 20 foot public alley; thence North 49 degrees 06 minutes 20 seconds East along the Southerly line of said alley 162.11 feet; thence South 28 degrees 00 minutes East 200 feet to a point in the Northerly line of Jefferson Avenue, thence South 49 degrees 06 minutes 20 seconds West 162.11 feet to the place of beginning.

EXCEPTING all that part of the East-West public alley, 20 feet wide, to the centerline thereof, West of Parker and North of Jefferson Avenues, lying North of and adjoining the North line of the West 15 feet of Lot 25 and lying North of and adjoining the North line of the East 15.77 feet of Lot 24 of the above mentioned Subdivision.

Also known as 8005 E. Jefferson Ave., Detroit, Michigan 48214.

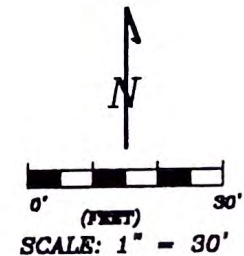
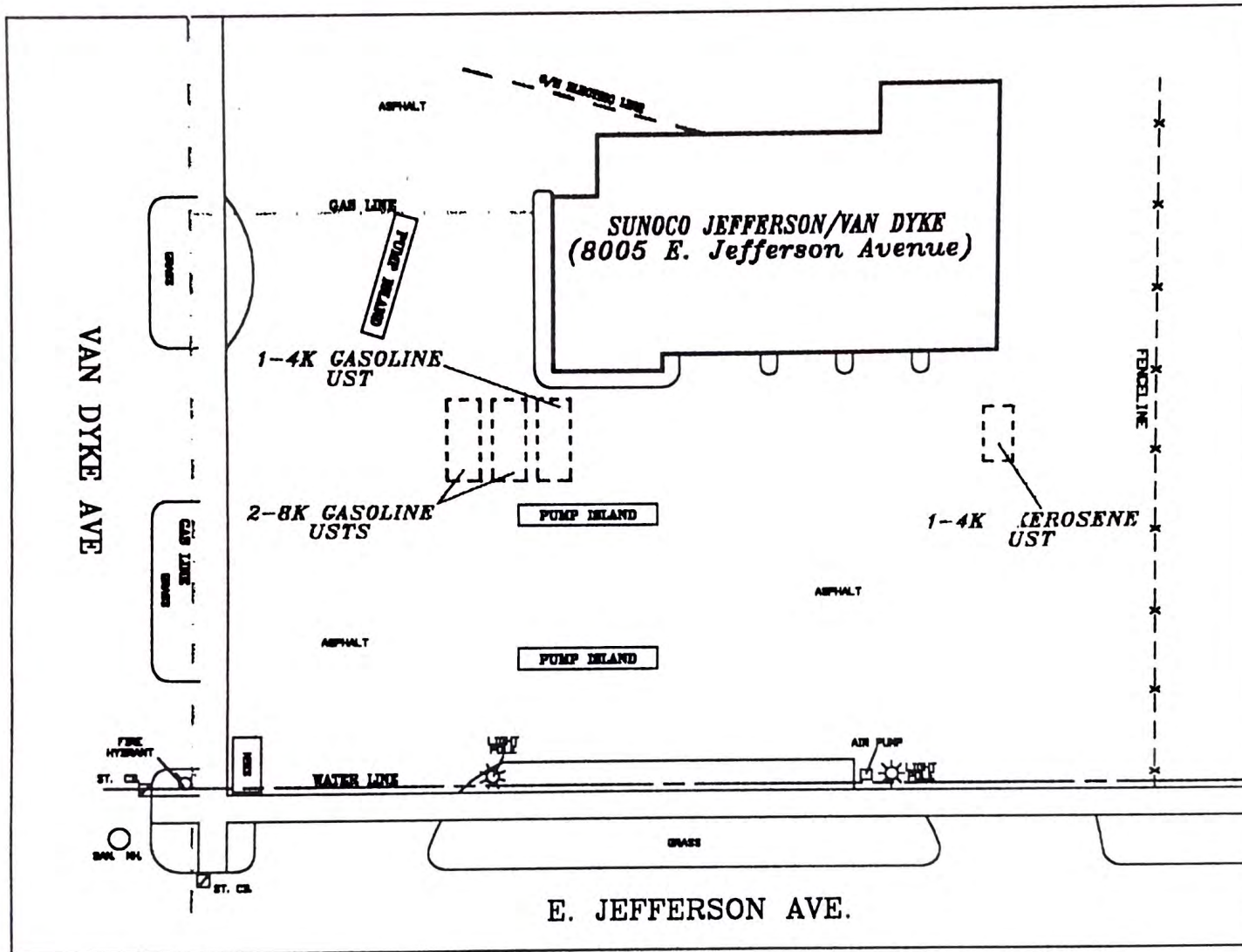


LEGEND	
	SANITARY MANHOLE
	STORM CATCHBASIN
	LIGHT POLE
	GAS LINE
	WATER LINE
	OVERHEAD ELECTRIC LINE

CONSOLIDATED ENVIRONMENTAL SERVICES, INC.
 725 S. ADAMS RD., SUITE 14 BIRMINGHAM, MI. 48009
 PHONE: 248-540-8437 FAX: 248-540-8368

DATE
 REV. 8/2/2001
 SCALE
 1" = 30'
 DRAWN BY:
 LT./T.H.
 FILE:
 SUNDSTM2.DWG

FIGURE 2
 SITE MAP
 SUNOCO JEFFERSON/VAN DYKE
 8005 E. JEFFERSON AVE.
 DETROIT, MI 48214



LEGEND	
	SANITARY MANHOLE
	STORM CATCHBASIN
	LIGHT POLE
	GAS LINE
	WATER LINE
	OVERHEAD ELECTRIC LINE

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FIGURE 2
 SITE MAP
 SUNOCO JEFFERSON/VAN DYKE
 8005 E. JEFFERSON AVE.
 DETROIT, MI 48214

REGISTRATION FOR UNDERGROUND STORAGE TANKS

This information is required under "1994 PA 451." Any owner who knowingly fails to notify or submits false information shall be subject to a misdemeanor and/or civil penalties not to exceed \$5,000 per day for each tank for which notification is not given or for which false information is submitted.

INSTRUCTIONS: COMPLETE THIS FORM AND SEND TO THE DEQ, UST DIVISION, AT THE ABOVE ADDRESS. NEW TANKS ARE NOT CONSIDERED REGISTERED UNTIL THE DEQ, UST DIVISION HAS RECEIVED YOUR COMPLETED FORM AND A CHECK OR MONEY ORDER MADE PAYABLE TO THE "STATE OF MICHIGAN". THE ANNUAL REGISTRATION FEE FOR EACH TANK REGISTERED WITH THE DEQ, UST DIVISION IS \$100.

TYPE OF NOTIFICATION: <input type="checkbox"/> NEW REGISTRATION <input checked="" type="checkbox"/> AMENDED INFO.		FACILITY NUMBER (if known)
<u>1</u> NO. OF TANKS AT FACILITY	JLH OCT 23 1998	0-003041
NO. OF CONTINUATION SHEETS ATTACHED		

I. OWNERSHIP OF TANKS			II. LOCATION OF TANKS		
IF THIS IS A NEW OWNER'S ADDRESS, PLEASE CHECK <input type="checkbox"/>			IF INFORMATION SAME AS SECTION I, PLEASE CHECK <input checked="" type="checkbox"/>		
OWNER NAME (Corporation/Individual, etc.) DETROIT MACOMB HOSPITAL CORPORATION JENNINGS BUILDING			FACILITY NAME OR SITE IDENTIFIER		
MAILING ADDRESS 7815 E JEFFERSON			STREET ADDRESS (P.O. Box Not Acceptable)		
CITY DETROIT	STATE MI	ZIP 48214	CITY	STATE	ZIP
COUNTY WAYNE	TOWNSHIP		COUNTY	TOWNSHIP	
TELEPHONE (Including Area Code) (313) 499-4071			TELEPHONE (Including Area Code) ()		
TAX PAYER ID OR SOCIAL SECURITY NUMBER					

III. TYPE OF OWNER	IV. INDIAN LANDS
<input type="checkbox"/> FEDERAL GOVERNMENT <input type="checkbox"/> STATE GOVERNMENT <input type="checkbox"/> LOCAL GOVERNMENT <input type="checkbox"/> COMMERCIAL <input checked="" type="checkbox"/> PRIVATE	<input type="checkbox"/> TANKS ARE LOCATED ON LAND WITHIN AN INDIAN RESERVATION OR ON OTHER INDIAN TRUST LANDS. <input type="checkbox"/> TANKS ARE OWNED BY NATIVE AMERICAN NATION, TRIBE, OR INDIVIDUAL. TRIBE OR NATION:

V. TYPE OF FACILITY		
<input type="checkbox"/> GAS STATION <input type="checkbox"/> PETROLEUM DISTRIBUTOR <input type="checkbox"/> AIR TAXI (AIRLINE) <input type="checkbox"/> AIRCRAFT OWNER <input type="checkbox"/> AUTO DEALERSHIP <input type="checkbox"/> RAILROAD	<input type="checkbox"/> LOCAL GOVERNMENT <input type="checkbox"/> STATE GOVERNMENT <input type="checkbox"/> FEDERAL/NON-MILITARY <input type="checkbox"/> FEDERAL-MILITARY <input type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL	<input type="checkbox"/> CONTRACTOR <input type="checkbox"/> TRUCKING/TRANSPORT <input type="checkbox"/> UTILITIES <input type="checkbox"/> RESIDENTIAL <input type="checkbox"/> FARM <input checked="" type="checkbox"/> OTHER (Explain) <u>HOSPITAL</u>

VI. CONTACT PERSON FOR LOCATION		
NAME LARRY GUARINIELLO	JOB TITLE	TELEPHONE (Including Area Code) (313) 499-4071

VII. FINANCIAL RESPONSIBILITY		
I HAVE MET THE FINANCIAL RESPONSIBILITY REQUIREMENTS AS REQUIRED IN THE UST RULES <input type="checkbox"/> (Check All Items Below That Apply)		
<input type="checkbox"/> SELF INSURANCE <input type="checkbox"/> COMMERCIAL INSURANCE <input type="checkbox"/> RISK RETENTION GROUP	<input type="checkbox"/> GUARANTEE <input type="checkbox"/> SURETY BOND <input type="checkbox"/> LETTER OF CREDIT	<input type="checkbox"/> TRUST FUND <input type="checkbox"/> OTHER METHOD ALLOWED

VIII. CERTIFICATION		
I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS AND ALL ATTACHED DOCUMENTS, AND THAT BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THAT THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE.		
NAME AND OFFICIAL TITLE OF OWNER OR OWNERS' AUTHORIZED REPRESENTATIVE MICHAEL GAITEN - AGENT FOR PROPERTY OWNER	SIGNATURE Michael Gaiten - Agent for Detroit-Macomb Hospital Corp.	DATE 10-20-98

IX. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete For Each Tank At This Location)

TANK IDENTIFICATION NUMBER	#	#	#	#	#	#	#	#
1. STATUS OF TANKS (Check One) CURRENTLY IN USE TEMPORARILY OUT OF USE ** AMENDMENT OF INFORMATION <small>**Also Complete Section X (If tanks are removed/closed, complete page 3, Section X)</small>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. DATE OF INSTALLATION	UNKNOWN							
3. ESTIMATED TOTAL CAPACITY (Gallons)	5,000							
4. MATERIAL OF CONSTRUCTION (Mark All That Apply) ASPHALT COATED OR BARE STEEL CATHODICALLY PROTECTED STEEL EPOXY COATED STEEL COMPOSITE (Steel With Fiberglass) FIBERGLASS REINFORCED PLASTIC LINED INTERIOR DOUBLE WALLED POLYETHYLENE TANK JACKET CONCRETE EXCAVATION LINER UNKNOWN OTHER (Please Specify) HAS TANK BEEN REPAIRED?	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
5. PIPING MATERIAL (Mark All That Apply) BARE STEEL GALVANIZED STEEL FIBERGLASS REINFORCED PLASTIC COPPER CATHODICALLY PROTECTED DOUBLE WALLED SECONDARY CONTAINMENT UNKNOWN OTHER (Please Specify)	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
6. PIPING (Type) (Mark All That Apply) SUCTION: NO VALVE AT TANK SUCTION: VALVE AT TANK PRESSURE (Remote) PRESSURE (Gravity Fed) HAS PIPING BEEN REPAIRED?	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
7. SUBSTANCE CURRENTLY OR LAST STORED IN GREATEST QUANTITY BY VOLUME GASOLINE DIESEL GASOHOL KEROSENE <small>(Not For Consumptive Use On Premises)</small> FUEL OIL USED OIL OTHER (Please Specify)	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
HAZARDOUS SUBSTANCE COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION & LIABILITY ACT (CERCLA) NAME AND/OR CHEMICAL ABSTRACT SERVICE (CAS) NUMBER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

X. TANKS OUT OF USE OR CHANGE IN SERVICE

TANK IDENTIFICATION NUMBER	#	#	#	#	#	#	#	#
1. CLOSING OF TANK								
A. ESTIMATED DATE LAST USED (Month/Day/Year)								
B. ESTIMATED DATE TANK REMOVED/ CLOSED IN PLACE (Month/Day/Year)	10/15/98							
C. TANK WAS REMOVED FROM GROUND	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. TANK FILLED WITH INERT MATERIAL (Sand, Concrete, etc.) DESCRIBE TYPE OF FILL USED AND REASON TANK WAS NOT REMOVED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E. CHANGE IN SERVICE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

REMINDER: A SITE ASSESSMENT MUST BE COMPLETED, UNLESS YOU REPORT A CONFIRMED RELEASE

XI. CERTIFICATION OF COMPLIANCE (Complete For All New And Upgraded Tanks At This Location)

1. INSTALLATION																
A. INSTALLER CERTIFIED BY TANK AND PIPING MANUFACTURERS	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
B. INSTALLER CERTIFIED OR LICENSED BY THE UST DIVISION	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
C. INSTALLATION INSPECTED BY A REGISTERED ENGINEER	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
D. INSTALLATION INSPECTED AND APPROVED BY UST DIVISION	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
E. ANOTHER METHOD ALLOWED BY UST DIVISION (Please Specify)																
2. RELEASE DETECTION	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE
A. MANUAL (Static) TANK GAUGING	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
B. TANK TIGHTNESS TESTING	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
C. INVENTORY CONTROL	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
D. AUTOMATIC TANK GAUGING	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
E. VAPOR MONITORING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
F. GROUNDWATER MONITORING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
G. INTERSTITIAL MONITORING DOUBLE WALLED TANK/PIPING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
H. INTERSTITIAL MONITORING SECONDARY CONTAINMENT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I. AUTOMATIC LINE LEAK DETECTORS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
J. LINE TIGHTNESS TESTING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
K. OTHER METHOD ALLOWED BY UST DIVISION (Specify)																
3. SPILL AND OVERFILL PROTECTION																
A. OVERFILL DEVICE INSTALLED	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
B. SPILL DEVICE INSTALLED	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
4. HAVE YOU INSTALLED IMPRESSED CURRENT CATHODIC PROTECTION?																
A. YES	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
B. NO	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	

PLEDGE: I CERTIFY THE INFORMATION CONCERNING INSTALLATION THAT IS PROVIDED IN SECTION XI IS TRUE TO THE BEST OF MY BELIEF AND KNOWLEDGE.

INSTALLER: _____

NAME PRINTED _____ SIGNATURE _____ DATE _____

POSITION _____ COMPANY _____

COMMENTS AND/OR CLARIFICATIONS TO THE UST DIVISION STAFF:

On 10/13/98, A 6,000 Gallon Diesel Fuel UST (registered as #1) WAS REMOVED

FROM THE PROPERTY.

INNOVATIVE
ENVIRONMENTAL SOLUTIONS, INC.

RECEIVED

October 20, 1998

98 OCT 21 11 21 05

Ms. Terri Harmon
Michigan Department of Environmental Quality
Storage Tank Division
333 S. Capitol Avenue
P.O. Box 30157
Lansing, Michigan 48909-7657

DEPT. OF ENVIRONMENTAL QUALITY
UST DIVISION

**RE: AMENDED UST REGISTRATION
DETROIT-MACOMB HOSPITAL CORPORATION
JENNINGS BUILDING
7815 E. JEFFERSON
DETROIT, MICHIGAN
FACILITY ID NO. - 0-003041**

Dear Ms. Harmon:

Please find enclosed an amended registration form for the underground storage tank (UST) at the above-referenced site. Innovative Environmental Solutions, Inc. was on site on October 15, 1998 during the removal of one 5,000 gallon diesel UST from the site.

If you have any questions regarding this submittal or require additional information, please do not hesitate to contact our office.

Sincerely,

INNOVATIVE ENVIRONMENTAL SOLUTIONS, INC.

Michael Gatien

Michael Gatien
Project Hydrogeologist

Jerome Meyer

Jerome Meyer
Senior Project Hydrogeologist
MI Certified UST Professional (# 107)

MG/JM:jmd

enclosure

cc: Mr. Larry Guariniello - Detroit Macomb Hospital Corporation
Mr. Dave DeCoster - Oscar W. Larson Company

FACILITY NUMBER (see invoice) 0-003041	
USTD USE ONLY	
UPGRADE/CANCEL DATE	ACCIDENT NUMBER C-998-98
ENTRY DATE OCT 16 1998	

RELEASE REPORT: SUSPECTED CONFIRMED

THIS INFORMATION IS REQUIRED UNDER 1994 PA 431, AS AMENDED (AG 451). FAILURE TO COMPLY WITH THE PROVISIONS OF THIS ACT MAY RESULT IN A MISDEMEANOR AND/OR CIVIL PENALTIES NOT TO EXCEED \$5000 PER DAY, PER TANK.

INSTRUCTIONS: The owner, operator, or consultant must report suspected and confirmed release reports to the Underground Storage Tank Division (USTD) within 24 hours of discovery. Phone 1-800-MICHUST or FAX this form to 517-335-2245. All information on this form must be provided regardless of whether the release is reported by telephone or FAX. If you have any questions please contact the USTD at 517-373-8168.

PERSON REPORTING RELEASE Michael Gation	COMPANY (IF NOT OWNER/OPERATOR) INNOVATIVE ENVIRONMENTAL SOLUTIONS, INC.	AREA CODE & TELEPHONE NUMBER 810-220-0033
--	---	--

I. OWNERSHIP OF TANKS II. LOCATION OF TANKS

PLEASE CHECK IF NEW ADDRESS PLEASE CHECK IF SAME AS SECTION I

NAME OF OWNER (CORPORATION/INDIVIDUAL, ETC.) DETROIT-MACOMB HOSPITAL CORP	FACILITY NAME OR COMPANY SITE IDENTIFIER
--	--

JENNINGS BUILDING	STREET ADDRESS (P O Box Not Acceptable)
-------------------	---

STREET ADDRESS 7815 E. JEFFERSON	CITY	STATE	ZIP CODE
-------------------------------------	------	-------	----------

CITY DETROIT	STATE MI	ZIP CODE 48214	COUNTY	TOWNSHIP
-----------------	-------------	-------------------	--------	----------

AREA CODE & TELEPHONE NUMBER (313) 499-4071	CONTACT PERSON FOR LOCATION LARRY GUARINIELLO	AREA CODE & TELEPHONE NUMBER (313) 499-4071
--	--	--

DATE RELEASE DISCOVERED: 10-15-98	TIME RELEASE DISCOVERED: 12:00 pm
--------------------------------------	--------------------------------------

SIZE OF TANK (Gallons)	SUBSTANCE RELEASED	CONSTRUCTION OF TANK	REASON FOR BELIEVING RELEASE OCCURRED (e.g. presence of product, failed lightness test, vapors, stains)
------------------------	--------------------	----------------------	---

5,000	DIESEL FUEL	BARE STEEL	STAINED SOILS EXHIBITING HYDROCARBON ODORS AND PID READINGS DURING UST REMOVAL ACTIVITIES
-------	-------------	------------	---

COMMENTS:

USTD USE ONLY

DATE/TIME REPORTED 10/15/98 14:00	<input type="checkbox"/> AM <input type="checkbox"/> PM	<input type="checkbox"/> PHONE <input checked="" type="checkbox"/> FAX <input type="checkbox"/> VOICE MAIL
--------------------------------------	--	--

DISTRIBUTION ORIGINAL: USTD, FACILITY FILE COPY: OWNER	USTD SIGNATURE 
---	--



JOHN ENGLER, Governor

DEPARTMENT OF ENVIRONMENTAL QUALITY*"Better Service for a Better Environment"*

HOLLISTER BUILDING, PO BOX 30473, LANSING MI 48909-7973

INTERNET: www.deq.state.mi.us

RUSSELL J. HARDING, Director

REPLY TO:

STORAGE TANK DIVISION
TOWN CENTER
PO BOX 30157
LANSING MI 48909-7657

October 16, 1998

CERTIFIED MAIL

Dear Owner/Operator:

SUBJECT:Facility ID No. 0-003041, Confirmed Release No. C-998-98
JENNINGS BUILDING, 7815 E. JEFFERSON, DETROIT, MI

On 10-15-98, the Department of Environmental Quality (DEQ), Storage Tank Division (STD), was notified of a release of a regulated substance from an underground storage tank (UST) system at the above location. Attached is a copy of the confirmed release report. As the owner or operator of this facility with a reported release, you are responsible for hiring a qualified underground storage tank consultant to conduct all appropriate corrective actions at this location, including submission of reports by the deadlines set forth in Part 213, Leaking Underground Storage Tanks, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended. If you do not agree that you are responsible for conducting corrective actions at this facility, you may submit supporting documentation to the STD DETROIT OFFICE within 30 days from receipt of this letter that demonstrates that you were not responsible for the release. Attached is informational memo IM-8, revised January 8, 1997, which provides general information on liability.

Please refer to Part 213 and the attached flow chart to help guide you through the requirements. STD approval is needed for any institutional controls that are a part of the cleanup program. The STD may audit or oversee all aspects of corrective actions undertaken pursuant to Part 213. You are required to contact our district office at least 48 hours prior to conducting on-site activities, using the attached form.

The STD requires the use of forms to assist in the reporting requirements. The required forms are available from the district office. A LUST report cover sheet should be submitted with each report. In addition, you are required to notify the STD of any changes to your UST system using a registration form.

Be advised that pursuant to Section 21313a and 21323 of Part 213, the owner or operator may be subject to penalties for not preparing and submitting the reports outlined in Part 213. In addition Section 21324 of Part 213 provides that a person who submits or causes to be submitted false or misleading information may be found guilty of fraud.

Please include the Facility ID No. found under "Subject" at the top of this notification with each submittal and on any future correspondence. Should you have questions regarding this letter, or need additional information, please contact the STD DETROIT OFFICE at (313) 392-6480.

Sincerely,

A handwritten signature in black ink, appearing to read "Terri Harmon", written over a horizontal line.

Terri Harmon
Information Management Unit

Enclosures

cc: DETROIT OFFICE

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- 1. Addressee's Address
- 2. Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

3091

LARRY GUARINIELLO
DETROIT MACOMB HOSPITAL
JENNINGS BUILDING
7815 E JEFFERSON
DETROIT MI 48214

4a. Article Number

Z 08707R037

4b. Service Type

Registered

Express

Return Receipt for Merchandise

7. Date of Delivery

Certified

Insured

COD

12.19.98

5. Received By: (Print Name)

6. Signature: (Addressee or Agent)

X *L. Guarniello*

8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1994

102595-97-B-0179

Domestic Return Receipt

Thank you for using Return Receipt Service

Z 067 '071 037

US Postal Service

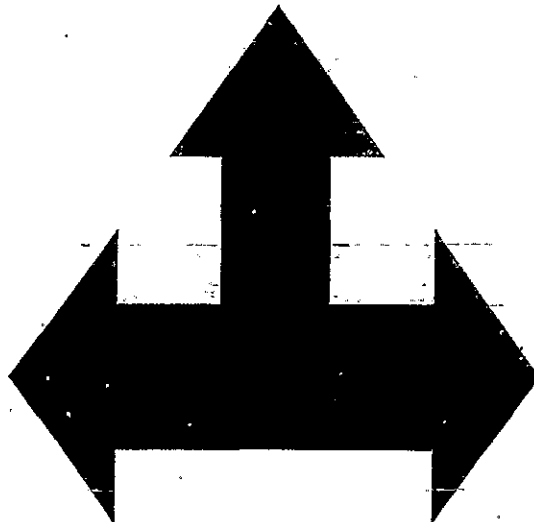
Receipt for Certified Mail²

No Insurance Coverage Provided.

Do not use for international Mail (See reverse)

Sent to	
Street & Number	
Post Office, State, & ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, April 1995



AGENCY: 761 (MUST BE IN D02 AGENCY PROFILE)
PROJECT NUMBER: U00737
TITLE: STD-FACILITY #0-003041
DESC: SE MICHIGAN
PROJ TYPE: 8 (MUST BE IN D06 PROJECT TYPE)
PROJ GROUP: 001 (MUST BE IN D60 PROJECT GROUP)
PROJ PH BUDGET LEVEL IND: Y (Y OR N - CONTROL BUDGETS AT PHASE LEVEL)
AGY BUD PROJECT LEVEL IND: 0 (0=NO PROJECT, 1=PROJECT, 2=PROJECT/PHASE)
PROJECT CATEGORY: FISCAL YEAR END:
PROJECT MANAGER:
PHONE NO:
REPORT DATES:
AUDIT COMP DATE: AUDIT IND: N
PART FUND AND %: 0001 100.000

EFF START DATE: 12031996 EFF END DATE: STATUS CODE: A
Z01 RECORD SUCCESSFULLY ADDED LAST PROC DATE: 10161998

F1-HELP F3-DEL F5-NEXT F9-INT F10-SAVE F11-SAVE/CLEAR ENTER-INQ CLEAR-EXIT



INTENT OF REMOVAL, CLOSURE OR CHANGE-IN-SERVICE OF UNDERGROUND STORAGE TANKS

This information is required under the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451), Part 211. Any owner/operator who fails to notify is subject to a misdemeanor and civil penalties, not to exceed \$5,000 per day for each tank.

INSTRUCTIONS: NOTICES WILL ONLY BE ACCEPTED ON THIS FORM. YOUR UST MUST BE REGISTERED PRIOR TO SUBMITTAL OF THIS FORM. Please type or print clearly. ALL information must be completed. See reverse side for additional information. If you have questions, call (517) 373-8168, Monday through Friday between 8:00 am - 5:00 pm

I. OWNERSHIP OF TANKS			II. LOCATION OF TANKS		
<input type="checkbox"/> PLEASE CHECK IF NEW OWNER'S ADDRESS			<input checked="" type="checkbox"/> PLEASE CHECK IF SAME AS SECTION I		
NAME OF OWNER (CORPORATION, INDIVIDUAL, ETC.) DETROIT MACOMB HOSPITAL CORPORATION JENNINGS BUILDING			FACILITY NAME OR COMPANY SITE IDENTIFIER		
STREET ADDRESS 7815 EAST JEFFERSON AVENUE			STREET ADDRESS (P O Box Not Acceptable)		
CITY DETROIT	STATE MI	ZIP CODE 48214	CITY	STATE	ZIP CODE
COUNTY WAYNE	TOWNSHIP		COUNTY	TOWNSHIP	ZIP CODE
AREA CODE & TELEPHONE NUMBER (313) 499-4071			CONTACT PERSON FOR LOCATION LARRY GWAFINIELLO		AREA CODE & TELEPHONE NUMBER

TANK INFORMATION

TANK NUMBER AS INDICATED ON UST INVOICE	PRODUCT LAST STORED IN TANK	SIZE OF TANK (GALLONS)	INDICATE ACTION TO BE TAKEN REMOVAL, CHANGE-IN-SERVICE, CLOSE IN PLACE
#1	DIESEL FUEL	5,000	REMOVAL

Comments:

Notification Submitted by (Print Name) MICHAEL GATIEN	Company INNOVATIVE ENVIRONMENTAL SOLUTIONS
Signature <i>Michael Gatien</i>	Date 9-2-98
	Area Code & Telephone Number (810) 220-0033

THIS IS NOT A REGISTRATION FORM. AN AMENDED REGISTRATION FORM, EQP3821, MUST BE FILED TO REMOVE THE LISTED TANKS FROM THE BILLING CYCLE

USTD USE ONLY

USTD APPROVAL NOTICE

Approval is given to perform the indicated activity at the above facility location. Action indicated above may commence on or after: 10-3-98

Expiration Date: 4-3-99. If action is not taken by the expiration date, you must submit another notification.

Authorizing Signature <i>[Signature]</i>	Date 9-8-98
Mail To: DEPARTMENT OF ENVIRONMENTAL QUALITY UNDERGROUND STORAGE TANK DIVISION P O BOX 30157 LANSING, MI 48909-7657	Date Confirmation Mailed to Owner 9-8-98
	Entry Date TLH SEP 08 1998

Distribution: Original: USTD Facility File
Copy: Owner

INSTRUCTIONS

REPORTING REQUIREMENTS

An underground storage tank (UST) subject to Part 211 of Act 451 must be registered by the current owner and have all fees paid to be considered registered with the Underground Storage Tank Division (USTD). The UST owner/operator or agent must complete this form as instructed. The copies returned by the USTD will indicate the earliest closure date along with the last date this form is valid.

A site assessment shall be conducted during the closure/change-in-service, with results sent to the USTD along with the form provided. The owner/operator must also submit an amended registration form notifying the USTD of completion of closure/change-in-service within 30 days after the date of the closure/change-in-service.

INSURANCE REQUIREMENTS

Pursuant to Section 21107 of Act 451, Part 211, a person who removes USTs shall maintain pollution liability insurance of not less than \$1,000,000 per occurrence.

CONFIRMED RELEASE

A confirmed release must be reported to the USTD within 24 hours. A confirmed release waives the requirements of submitting this form, waiting 30 days, and conducting a site assessment. Once reported, the owner/operator will be informed regarding rules for further testing and clean up activities. Releases may be reported by fax to 517/335-2245 or called in to 1-800-MICHUST.

CLOSURE OF TANKS

Tanks shall be emptied of all liquid and accumulated sludge and purged of all vapors. Piping shall be emptied of all liquid and sludge, purged and capped, or removed from the ground. *Permanent closure* requires removal of the UST from the ground, unless it can be documented that removal of the UST would cause damage to a permanent structure. The tank can be closed-in-place after the 30 day waiting period provided that the required documentation is placed in the owner's file. If closure in place is necessary, the tank must be emptied of liquid, sludge and vapors and filled 100% with inert solid material (sand, fly-ash concrete or pea gravel). Piping shall be closed as indicated above. A site assessment is still required if tanks are closed-in-place.

CHANGE-IN-SERVICE

A change-in-service is defined as going from the storage of a regulated substance to an unregulated substance. The tank must be cleaned and purged as stated above, and a site assessment must be performed prior to the introduction of the unregulated substance.

NOTIFICATION

It is recommended that the Hazardous Materials Storage Inspector at the USTD district office be notified 7 days prior to the work being performed.

If you have questions regarding the above instructions, please contact the USTD at (517) 373-8168 or the USTD District Office.

Department of Environmental Quality
Underground Storage Tank Division

INSPECTION REPORT

KLW MAR 26 1998

Type of Inspection Performed: 1998 EXISTING INSPECTION

Type of Facility: UST

Number of Tanks: 1

Site Contact: LARRY GUARINIELLO Site Phone Number: (313) 499-4071
Owner's Representative: LARRY GUARINIELLO Representative's Phone: (313) 499-4071

OWNERSHIP OF TANKS

LOCATION OF TANKS

Owner Name: DETROIT-MACOMB HOSPITAL COR
Address: 7815 E JEFFERSON
DETROIT, MI 48214

Name: JENNINGS BUILDING
Address: 7815 E. JEFFERSON
DETROIT, MI 48214

County: WAYNE

THE UST SYSTEM(S) AT THIS FACILITY WERE INSPECTED USING THE MICHIGAN UNDERGROUND STORAGE TANK RULES AND APPLICABLE SECTIONS OF THE 1992 MICHIGAN FLAMMABLE AND COMBUSTIBLE LIQUID RULES. THE FOLLOWING VIOLATIONS, IF ANY, WERE NOTED. THE SITE CONTACT PERSON WAS VERBALLY ADVISED OF THE VIOLATIONS AT THE TIME OF INSPECTION.

- BEFORE PERMANENT CLOSURE OR CHANGE IN SERVICE OF AN UNDERGROUND STORAGE TANK SYSTEM, THE OWNER/OPERATOR SHALL NOTIFY THE DEPARTMENT OF ENVIRONMENTAL QUALITY UNDERGROUND STORAGE TANK DIVISION OFFICE IN LANSING, 30 DAYS PRIOR TO THE CLOSURE OR CHANGE IN SERVICE.
UST 280.71(A)

<<< End of Cited Violations >>>

COMMENTS: PLEASE NOTIFY THIS OFFICE OF YOUR INTENT TO RETURN TO SERVICE OR TO REMOVE THE TANK FROM THE GROUND.

RECEIVED
MARCH 25 11:11 AM
ENVIRONMENTAL QUALITY
UST DIVISION

Inspection Status: NO ACTION TAKEN

Date of Inspection: 03/16/98

Date Compliance is Required: 04/16/98

Signature: *John Lapointe*
JOHN LAPOINTE

AUTHORITY: 1994 PA 451 and/or
1941 PA 207
COMPLIANCE: Required
PENALTY: Misdemeanor, Civil Penalties,
and/or Red Tagging the System.

DETROIT OFFICE
300 RIVERPLACE, SUITE 3600
DETROIT, MI 48207
Phone: (313) 392-6521
Fax: (313) 392-6488

AUTOMOTIVE SERVICE STATION CHECKLIST

INSTRUCTIONS: The Hazardous Materials Storage Inspector shall complete this checklist and attach it to an inspection report, one to be retained in the District file and one for the Headquarters file. All boxes shall be completed inserting N/A where non-applicable.

FACILITY NAME: <i>JENNINGS BLDG</i>	FACILITY ID NUMBER: <i>0-003041</i>
CONTACT PERSON ON SITE:	FACILITY TYPE: <i>F 37</i>

PUBLIC AUTOMOTIVE SERVICE STATION (F31) PRIVATE AUTOMOTIVE SERVICE STATION (F32)

FACILITY SECTION

SECTION		CODE	VIO	PASS
4-1	Dispenser violation	S10		
4-1.1	Dispenser location	S11		
4-2.5	Dispenser protected from damage/secured	S13		
4-2.6	Dispenser hose 18 feet or less	S14		
9-1.6	Splash guard on nozzle	S91		
4-3.6	Emergency valve tested	S94		
9-4.5	Emergency disconnect	S93		

SECTION		CODE	VIO	PASS
4-2.7	Breakaway on hose	S15		
4-2.12	Containment under dispenser	S17		
4-3.6	Emergency valve installed	S18		
9-1.1	Automatic self-closing nozzle	S19		
9-4.7	Dispenser in view and communicate	S92		
	Miscellaneous violations	S50		

LEAK DETECTION SECTION TANKS

280.40	Release detection for tanks	U71		
280.43a	Inventory control	S42		
280.43b	Manual tank gauging	S43		
280.43c	Tank tightness testing	S44		
280.43d	Automatic tank gauging	U72		

280.43	Vapor monitoring	U73		
280.43f	Groundwater monitoring	U74		
280.43g	Interstitial monitoring	U75		
280.43h	S.I.R	U93		
280.43h	Other	S49		

LEAK DETECTION SECTION PIPING

280.40	Release detection for piping	U71		
280.44a	Line leak detector installed	U76		
280.41b(1)	Line tightness test\pressure	U88		
3-4.1	Pipe leaks	U62		

280.44c	Interstitial (monthly) monitoring	U94		
280.44a	Line leak detector tested	U95		
280.41b	Line tightness test\suction every 3 years	U89		

RECORD KEEPING

280.34	Record keeping	S60		
280.22a	Properly registered\fees paid	S61		
280.22h	Display proof of registration	S63		
280.93	Financial Responsibility	U92		

280.34	Cathodic protection records	S64		
280.34	Maintenance records	S65		
280.34	Release detection records	S67		
280.22a	OIO & tank registration info correct	S62		

UNDERGROUND TANK SECTION

280.20	Tank and piping violation	S30		
280.20c	Spill containment	U51		
280.20c	Overfill prevention	U52		
280.20	Cathodic protection for tanks and piping	U29		

280.31b	C/P tested 6 months & 3 years	U30		
2-4.6.5	Location of fill pipe & identified	U46		
2-4.5.1	Vent pipes, 12 feet above grade	U32		
2-4.6.4	Drop tube within 6 inches of tank bottom	U45		

COMMENTS: *OOS disconnected*

INSPECTOR: *[Signature]* DATE: *3/16/98*

Michigan State Police
Fire Marshal Division
Hazardous Materials Section
3700 W. Jolly Rd.
P.O. Box 30127
Lansing, MI 48909
(517) 334-7079

* INVOICE *

May 8, 1991

Page 1 of 1

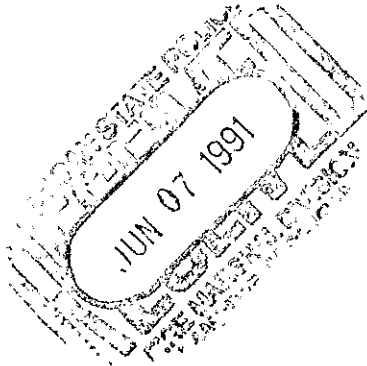
ANNUAL UST REGISTRATION FEE FOR BILLING CYCLE ENDING 10-31-91

TO: DETROIT-MACOMB HOSPITAL CORP.
7815 E. JEFFERSON
DETROIT, MI 48214
RE: JENNINGS BUILDING

LOCATION ADDRESS:
JENNINGS BUILDING
7815 E. JEFFERSON
DETROIT, MI 48214

Annual renewal of tanks on record as of 4/17/91. Required by P.A. 423 of 1984, as amended. Failure to pay may subject you to the following penalty: misdemeanor, punishable by imprisonment and/or fines; civil penalties; and may also make you ineligible for access to MUSTFA funds. Please see enclosed letter for an explanation. FM-20 (4/91)

Facility #	Tank #	Description	Cost
0-003041	1	5,000 Gal - Diesel	\$100.00



Number of Eligible Tanks:	1	Registration Fee:	\$ 100.00
Total Number of Tanks:	1	Late Fee:	
		Amount Received:	
		Amount Due:	\$ 100.00

Make Checks Payable to: State of Michigan
Payment Due on or Before: JUNE 15, 1991

Michigan State Police
Fire Marshal Division
Hazardous Materials Section
3705 W. Jolly Rd.
P.O. Box 30157
Lansing, MI 48902
(517) 334-7079

* INVOICE *

May 8, 1991

Page 1 of 1

ANNUAL UST REGISTRATION FEE FOR BILLING CYCLE ENDING 10-31-91

TO: DETROIT-MACOMB HOSPITAL CORP.
7315 E. JEFFERSON
DETROIT, MI 48214
RE: JENNINGS BUILDING

LOCATION ADDRESS:
JENNINGS BUILDING
7315 E. JEFFERSON
DETROIT, MI 48214

Annual renewal of tanks on record as of 4/17/91. Required by P.A. 423 of 1984, as amended. Failure to pay may subject you to the following penalty: misdemeanor, punishable by imprisonment and/or fines; civil penalties; and may also make you ineligible for access to MUSFA funds. Please see enclosed letter for an explanation. FM-20 (4/91)

Facility #	Tank #	Description	Cost
0-003041	1	5,000 Gal. Diesel	\$100.00

Number of Eligible Tanks: 1
Total Number of Tanks: 1

Registration Fee: \$ 100.00
Late Fees
Amount Received:
Amount Due: \$ 100.00

Make Checks Payable to: State of Michigan
Payment Due on or Before: JUNE 15, 1991

Notification for Underground Storage Tanks

FORM APPROVED
OMB NO. 2050-0049
APPROVAL EXPIRES 6-30-88

FOR
TANKS
IN
MI

RETURN
COMPLETED
FORM
TO

Department of State Police
Fire Marshal Division (UST)
7150 Harris Drive
Lansing, MI 48913
For information: 1-800-MICH-UST
FIRE MARSHAL DIV.
LANSING, MICHIGAN

DEC 19 1989

I.D. Number

STATE USE ONLY

003041

Date Received

GENERAL INFORMATION

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1974, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by Section 9002 of the Resource Conservation and Recovery Act, (RCRA), as amended.

The primary purpose of this notification program is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonably available records, or, in the absence of such records, your knowledge, belief, or recollection.

Who Must Notify? Section 9002 of RCRA, as amended, requires that, unless exempted, owners of underground tanks that store regulated substances must notify designated State or local agencies of the existence of their tanks. Owner means—
(a) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances, and
(b) in the case of any underground storage tank in use before November 8, 1984, but no longer in use on that date, any person who owned such tank immediately before the discontinuation of its use.

What Tanks Are Included? Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances," and (2) whose volume (including connected underground piping) is 10% or more beneath the ground. Some examples are underground tanks storing: 1. gasoline, used oil, or diesel fuel, and 2. industrial solvents, pesticides, herbicides or fumigants.

What Tanks Are Excluded? Tanks removed from the ground are not subject to notification. Other tanks excluded from notification are:
1. farm or residential tanks of 1,000 gallons or less capacity used for storing motor fuel for noncommercial purposes;
2. tanks used for storing heating oil for consumptive use on the premises where stored;
3. septic tanks;

4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or which is an intrastate pipeline facility regulated under State laws;
5. surface impoundments, pits, ponds, or lagoons;
6. storm water or waste water collection systems;
7. flow-through process tanks;
8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;
9. storage tanks situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

What Substances Are Covered? The notification requirements apply to underground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 101 (14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

Where To Notify? Completed notification forms should be sent to the address given at the top of this page.

When To Notify? 1. Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but still in the ground, must notify by May 8, 1986. 2. Owners who bring underground storage tanks into use after May 8, 1986, must notify within 30 days of bringing the tanks into use.

Penalties: Any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed \$10,000 for each tank for which notification is not given or for which false information is submitted.

INSTRUCTIONS

Please type or print in ink all items except "signature" in Section V. This form must be completed for each location containing underground storage tanks. If more than 5 tanks are owned at this location, photocopy the reverse side, and staple continuation sheets to this form.

Indicate number of continuation sheets attached

I. OWNERSHIP OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity)

Detroit-Macomb Hospital Corporation

Street Address

7815 East Jefferson

County

Wayne

City

Detroit

State

MI

ZIP Code

48214

Area Code

313

Phone Number

499-4942

Type of Owner (Mark all that apply)

Current

State or Local Gov't

Private or Corporate

Former

Federal Gov't (GSA facility I.D. no.)

Ownership uncertain

II. LOCATION OF TANK(S)

(If same as Section I, mark box here)

Facility Name or Company Site Identifier, as applicable

Jennings Building

Street Address or State Road, as applicable

County

Same

City (nearest)

State

ZIP Code

Indicate number of tanks at this location

1

Mark box here if tank(s) are located on land within an Indian reservation or on other Indian trust lands

III. CONTACT PERSON AT TANK LOCATION

Name (If same as Section I, mark box here)

Herb Kortz

Job Title

Corporate Plant Engineer

Area Code

313

Phone Number

499-4942

IV. TYPE OF NOTIFICATION

Mark box here only if this is an amended or subsequent notification for this location.

V. CERTIFICATION (Read and sign after completing Section VI.)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner or owner's authorized representative

David L. Flory

vice Pres.

Signature

David L. Flory

Date Signed

12/06/89

CONTINUE ON REVERSE SIDE

VI. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)

Tank Identification No. (e.g., ABC-123), or Arbitrarily Assigned Sequential Number (e.g., 1,2,3...)	Tank No. 1	Tank No.	Tank No.	Tank No.	Tank No.	
1. Status of Tank (Mark all that apply <input checked="" type="checkbox"/>) Currently in Use Temporarily Out of Use Permanently Out of Use Brought into Use after 5/8/86	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
2. Estimated Age (Years)	30					
3. Estimated Total Capacity (Gallons)	5,000					
4. Material of Construction (Mark one <input checked="" type="checkbox"/>) Steel Concrete Fiberglass Reinforced Plastic Unknown Other, Please Specify _____	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____
5. Internal Protection (Mark all that apply <input checked="" type="checkbox"/>) Cathodic Protection Interior Lining (e.g., epoxy resins) None Unknown Other, Please Specify _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____
6. External Protection (Mark all that apply <input checked="" type="checkbox"/>) Cathodic Protection Painted (e.g., asphaltic) Fiberglass Reinforced Plastic Coated None Unknown Other, Please Specify _____	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____
7. Piping (Mark all that apply <input checked="" type="checkbox"/>) Bare Steel Galvanized Steel Fiberglass Reinforced Plastic Cathodically Protected Unknown Other, Please Specify _____	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____
8. Substance Currently or Last Stored in Greatest Quantity by Volume (Mark all that apply <input checked="" type="checkbox"/>) a. Empty b. Petroleum Diesel Kerosene Gasoline (including alcohol blends) Used Oil Other, Please Specify _____ c. Hazardous Substance Please Indicate Name of Principal CERCLA Substance OR Chemical Abstract Service (CAS) No. Mark box <input checked="" type="checkbox"/> if tank stores a mixture of substances d. Unknown	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> <input type="checkbox"/>
9. Additional Information (for tanks permanently taken out of service) a. Estimated date last used (mo/yr) b. Estimated quantity of substance remaining (gal.) c. Mark box <input checked="" type="checkbox"/> if tank was filled with inert material (e.g., sand, concrete)	11/88 3,000 <input type="checkbox"/>	/	/	/	/	



Notification for Underground Storage Tanks

FORM APPROVED
OMB NO. 2050-0049
APPROVAL EXPIRES 6-30-88

FOR
TANKS
IN
MI

RETURN
COMPLETED
FORM
TO

Ground Water Quality Division
Department of Natural Resources
Box 30157
Lansing, MI 48909

I.D. Number **STATE USE ONLY**
003041
Date Received

GENERAL INFORMATION

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1974, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by Section 9002 of the Resource Conservation and Recovery Act, (RCRA), as amended.

The primary purpose of this notification program is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonably available records, or, in the absence of such records, your knowledge, belief, or recollection.

Who Must Notify? Section 9002 of RCRA, as amended, requires that, unless exempted, owners of underground tanks that store regulated substances must notify designated State or local agencies of the existence of their tanks. Owner means—

(a) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances, and

(b) in the case of any underground storage tank in use before November 8, 1984, but no longer in use on that date, any person who owned such tank immediately before the discontinuation of its use.

What Tanks Are Included? Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances," and (2) whose volume (including connected underground piping) is 10% or more beneath the ground. Some examples are underground tanks storing: 1. gasoline, used oil, or diesel fuel, and 2. industrial solvents, pesticides, herbicides or fumigants.

What Tanks Are Excluded? Tanks removed from the ground are not subject to notification. Other tanks excluded from notification are:

1. farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;
2. tanks used for storing heating oil for consumptive use on the premises where stored;
3. septic tanks;

4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or which is an intrastate pipeline facility regulated under State laws;

5. surface impoundments, pits, ponds, or lagoons;

6. storm water or waste water collection systems;

7. flow-through process tanks;

8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;

9. storage tanks situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

What Substances Are Covered? The notification requirements apply to underground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 101 (14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

Where To Notify? Completed notification forms should be sent to the address given at the top of this page.

When To Notify? 1. Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but still in the ground, must notify by May 8, 1986. 2. Owners who bring underground storage tanks into use after May 8, 1986, must notify within 30 days of bringing the tanks into use.

Penalties: Any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed \$10,000 for each tank for which notification is not given or for which false information is submitted.

INSTRUCTIONS

Please type or print in ink all items except "signature" in Section V. This form must be completed for each location containing underground storage tanks. If more than 5 tanks are owned at this location, photocopy the reverse side, and staple continuation sheets to this form.

Indicate number of continuation sheets attached

I. OWNERSHIP OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity)

Detroit-Macomb Hospital Corporation

Street Address

7815 E. Jefferson

County

Wayne

City

Detroit

State

MI

ZIP Code

48214

Area Code

313

Phone Number *

821-6000 X210

Type of Owner (Mark all that apply)

Current

State or Local Gov't

Private or Corporate

Former

Federal Gov't (GSA facility I.D. no. _____)

Ownership uncertain

II. LOCATION OF TANK(S)

(If same as Section I, mark box here)

Facility Name or Company Site Identifier, as applicable

Jennings Building

Street Address or State Road, as applicable

7815 E. Jefferson

County

Wayne

City (nearest)

Detroit

State

MI

ZIP Code

48214

Indicate number of tanks at this location

1

Mark box here if tank(s) are located on land within an Indian reservation or on other Indian trust lands

III. CONTACT PERSON AT TANK LOCATION

Name (If same as Section I, mark box here)

Herb Kortz

Job Title

Corporate Plant Engineer

Area Code

313

Phone Number

821-6000

IV. TYPE OF NOTIFICATION

Mark box here only if this is an amended or subsequent notification for this location.

V. CERTIFICATION (Read and sign after completing Section VI.)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner or owner's authorized representative

H. Kortz, Corporate Plant Engineer

Signature

[Signature]

Date Signed

5/13/86

CONTINUE ON REVERSE SIDE

VI. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)

Tank Identification No. (e.g., ABC-123), or Arbitrarily Assigned Sequential Number (e.g., 1,2,3...)	Tank No. 1	Tank No.	Tank No.	Tank No.	Tank No.
1. Status of Tank (Mark all that apply <input type="checkbox"/>) Currently in Use <input type="checkbox"/> Temporarily Out of Use <input checked="" type="checkbox"/> Permanently Out of Use <input type="checkbox"/> Brought into Use after 5/8/86 <input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Estimated Age (Years)	25				
3. Estimated Total Capacity (Gallons)	2500				
4. Material of Construction (Mark one <input type="checkbox"/>) Steel <input checked="" type="checkbox"/> Concrete <input type="checkbox"/> Fiberglass Reinforced Plastic <input type="checkbox"/> Unknown <input type="checkbox"/> Other, Please Specify _____	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Internal Protection (Mark all that apply <input type="checkbox"/>) Cathodic Protection <input type="checkbox"/> Interior Lining (e.g., epoxy resins) <input type="checkbox"/> None <input type="checkbox"/> Unknown <input checked="" type="checkbox"/> Other, Please Specify _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. External Protection (Mark all that apply <input type="checkbox"/>) Cathodic Protection <input type="checkbox"/> Painted (e.g., asphaltic) <input type="checkbox"/> Fiberglass Reinforced Plastic Coated <input type="checkbox"/> None <input type="checkbox"/> Unknown <input checked="" type="checkbox"/> Other, Please Specify _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Piping (Mark all that apply <input type="checkbox"/>) Bare Steel <input checked="" type="checkbox"/> Galvanized Steel <input type="checkbox"/> Fiberglass Reinforced Plastic <input type="checkbox"/> Cathodically Protected <input type="checkbox"/> Unknown <input type="checkbox"/> Other, Please Specify _____	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Substance Currently or Last Stored In Greatest Quantity by Volume (Mark all that apply <input type="checkbox"/>) a. Empty <input type="checkbox"/> b. Petroleum <input checked="" type="checkbox"/> Diesel <input type="checkbox"/> Kerosene <input type="checkbox"/> Gasoline (including alcohol blends) <input type="checkbox"/> Used Oil <input type="checkbox"/> Other, Please Specify _____ c. Hazardous Substance <input type="checkbox"/> Please Indicate Name of Principal CERCLA Substance OR Chemical Abstract Service (CAS) No. Mark box <input type="checkbox"/> if tank stores a mixture of substances d. Unknown <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Additional Information (for tanks permanently taken out of service) a. Estimated date last used (mo/yr) b. Estimated quantity of substance remaining (gal.) c. Mark box <input type="checkbox"/> if tank was filled with inert material (e.g., sand, concrete)	6/84	/	/		/

GOD-COMPLIANCE
 RECEIVED
 SEP 21 1986

Michigan State Police
 Fire Marshal Division
 Hazardous Materials Section
 3705 W. Jolly Rd.
 P.O. Box 38157
 Lansing, MI 48909
 (800) 642-4878

 * INVOICE *

June 28, 1990

Page 1 of 1

Fee for Underground Storage Tank registrations received on or before 3-31-90.

```

=====
|TO:                               |PLEASE RETURN TO:
|DETROIT-MACOMB HOSPITAL CORP.    |Michigan State Police
|17815 E. JEFFERSON                |Fire Marshal Division
|DETROIT, MI 48214                 |Hazardous Materials Section
|RE: JENNINGS BUILDING             |3705 W. Jolly Rd.
|                                   |P.O. Box 38157
|                                   |Lansing, MI 48909
=====
  
```

If there are no changes that need to be made on the registration form, timely payment and return of this invoice will suffice as your FY 1990 (10-1-89 to 9-30-90) annual renewal of your USTs, as required under P.A. 423 of 1984, as amended. Payment due July 30, 1990. For more details, see the enclosed information.

Facility #	Tank #	Description	Cost
0-003041	1	5,000 Gal - Diesel	\$100.00

MICHIGAN STATE POLICE
PAID
 1197 20 1990
 FIRE MARSHAL DIVISION
 HAZARDOUS MATERIALS SECTION

PAID

Number of Eligible Tanks: 1
 Total Number of Tanks: 1

Registration Fee: \$ 100.00
 Late Fee:
 Amount Received:
 Amount Due: \$ 100.00

Make Checks Payable to: State of Michigan
 Payment Due on or Before: JULY 30, 1990

CONFIDENTIAL
NOFORN

Page 1 of 1

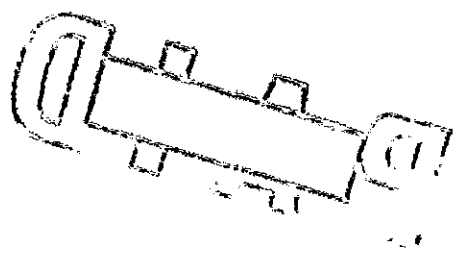
For the purpose of this document, the following definitions apply:

=====

1. "Confidential" means information the disclosure of which could result in the identification of a source of information or the disclosure of information that could be of significant value to an adversary.	2. "Secret" means information the disclosure of which could result in the identification of a source of information or the disclosure of information that could be of significant value to an adversary.
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3. "Control" means the exercise of authority or influence over the actions of another person or organization.



4. "Access" means the ability to view, use, or modify information.

5. "Information" means data of any kind, whether recorded or not, and whether or not it is in the possession of the United States.

=====

Michigan State Police
Fire Marshal Division
Hazardous Materials Section
3705 W. Jolly Rd.
P.O. Box 30157
Lansing, MI 48909
(800) 642-4878

* INVOICE *

June 28, 1990

Page 1 of 1

Fee for Underground Storage Tank registrations received on or before 3-31-90.

=====

TO:	PLEASE RETURN TO:
DETROIT-MACOMB HOSPITAL CORP.	Michigan State Police
17815 E. JEFFERSON	Fire Marshal Division
DETROIT, MI 48214	Hazardous Materials Section
RE: JENNINGS BUILDING	3705 W. Jolly Rd.
	P.O. Box 30157
	Lansing, MI 48909

=====

If there are no changes that need to be made on the registration form, timely payment and return of this invoice will suffice as your FY 1990 (10-1-89 to 9-30-90) annual renewal of your USTs, as required under P.A. 423 of 1984, as amended. Payment due July 30, 1990. For more details, see the enclosed information.

=====

Facility #	Tank #	Description	Cost
0-003041	1	5,000 Gal - Diesel	\$100.00

=====

Number of Eligible Tanks:	1	Registration Fee:	\$ 100.00
Total Number of Tanks:	1	Late Fee:	
		Amount Received:	
		Amount Due:	\$ 100.00

Make Checks Payable to: State of Michigan
Payment Due on or Before: JULY 30, 1990



Warren C. Evans
Wayne County Executive

December 14, 2018

Laura Gray
ASTI Environmental
P. O. Box 2160
Brighton, MI 48116

Re: Freedom of Information Act Request¹ of December 12, 2018 for 7850 E Jefferson Ave., Detroit

Dear Ms. Gray:

Wayne County Department of Public Services Land Resource Management Division received the following request on December 12, 2018 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>

DEPARTMENT OF PUBLIC SERVICES
LAND RESOURCE MANAGEMENT DIVISION/WATER QUALITY MANAGEMENT DIVISION
3600 COMMERCE COURT, BUILDING E, WAYNE, MICHIGAN 48184
(734) 326-3936 • FAX (734) 326-4421





Warren C. Evans
Wayne County Executive

December 14, 2018

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P. O. Box 2160
Brighton, MI 48116

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(734) 326-3936 • FAX (734) 326-4421



Ms. Gray
December 14, 2018
Page 2

If you have any questions please do not hesitate to contact me at (734) 326-3936.

Sincerely,



Patrick C. Cullen, FOIA Officer
Department of Public Services
Land Resource Management Division

Denial approved:



Patricia Moore
Office of Corporation Counsel
Date: 12/18/18

cc: Candice Smith-Parker

18-674

Grantor	Grantee	Sale Price	Sale Date	Inst. Type	Terms of Sale	Liber & Page	Verified By	Prcnt. Trans.						
BEDFORD ACQUISITIONS, LLC	SHAMROCK ACQUISITIONS, LLC	1	09/09/2015	QC	NO CONSIDERATION		PTA	0.0						
BEDFORD ACQUISITIONS LLC	SHAMROCK ACQUISITIONS LLC	0	09/09/2015	QCD	NO CONSIDERATION	2015405749		100.0						
PFRS GRS JEFFERSON AVENUE	BEDFORD ACQUISITIONS LLC	0	08/17/2015	WD	NO CONSIDERATION	2015330747		100.0						
7850 E JEFFERSON LLC	PFRS JEFFERSON AVENUE CORP	1,825,000	01/24/2008	PTA	VALID ARMS LENGTH		PTA	100.0						
Property Address		Class: 202-COMMERCIAL VAC		Zoning: R6	Building Permit(s)		Date	Number	Status					
7850 E JEFFERSON		School: DETROIT PUBLIC SCHOOLS												
Owner's Name/Address		P.R.E. 0%												
SHAMROCK ACQUISITIONS, LLC 13910 SIMONE SHELBY TWP MI 48214		WARD#: 17												
Tax Description		2019 Est TCV Tentative												
S JEFFERSON 2&1 COMRS SUB L4 P98 PLATS, W C R 17/10 200 IRREG		Improved X Vacant		Land Value Estimates for Land Table CGHT.COMMERCIAL GENERAL HIGH TRAFFIC										
Comments/Influences		Public Improvements		* Factors *										
		Dirt Road		Description		Frontage		Depth	Front	Depth	Rate %Adj.	Reason	Value	
		Gravel Road		cght sq ft rates		200.00		820.00		1.0000		0.0000		0 100*
		Paved Road		* denotes lines that do not contribute to the total acreage calculation.		164,047.000		Sq Ft		1.74		100		285,017
		Storm Sewer		200 Actual Front Feet, 3.77 Total Acres		Total Est. Land Value =								285,017
		Sidewalk												
		Water												
		Sewer												
		Electric												
		Gas												
		Curb												
		Street Lights												
		Standard Utilities												
		Underground Utils.												
		Topography of Site												
		Level												
		Rolling												
		Low												
		High												
		Landscaped												
		Swamp												
		Wooded												
		Pond												
		Waterfront												
		Ravine												
		Wetland												
		Flood Plain												
		Year		Land Value		Building Value		Assessed Value		Board of Review		Tribunal/Other		Taxable Value
		Who		When		What		Tentative						Tentative
		2019		Tentative		Tentative		Tentative						331,308C
		2018		349,200		0		349,200						324,494C
		2017		326,400		0		326,400						321,600S
		2016		321,600		0		321,600						
The Equalizer. Copyright (c) 1999 - 2009. Licensed To: City of Detroit, County of Wayne, Michigan														

*** Information herein deemed reliable but not guaranteed***



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 (13.5% 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).

The White Paper sets out a vision of a society in which older people are able to live well, and to contribute to society.

The White Paper sets out a number of key objectives, including:

- To ensure that older people are able to live well, and to contribute to society.
- To ensure that older people are able to live independently, and to participate in the life of their communities.
- To ensure that older people are able to access the services and support that they need.

The White Paper sets out a number of key actions, including:

- To improve the quality of life of older people, and to reduce the risk of isolation and loneliness.
- To ensure that older people are able to access the services and support that they need, and to participate in the life of their communities.
- To ensure that older people are able to live independently, and to contribute to society.

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7835	Jefferson E	1 & 2
1115A	9-4-51	Lot No.
DATE		
USE Dwelling		
CONS Brick		
REMARKS	O. K.	
A two story addition on rear.		
Interior alteration.		
Seyburn	Van Dyke	
	0-1595	
FORM BSE-200		

7843	E25 of 3, 4	1 & 2
E Jefferson	& W16 of 53	
88922	OK 11/25/52	Lot No.
DATE		
USE Mult dwelling		
CONS. Brick		
REMARKS	O. K.	
To change use of existing mult. dwelling to doctors clinic		
C of D-38-CA-A		Record Card

7845	E23 of 3, 4	1 & 2
E Jefferson	W28 of 51	
88924	OK 11/25/52	Lot No.
DATE		
USE Parking lot office bldg		
CONS. Frame		
REMARKS \$400.00	O. K.	
C of D-38-CA		Record Card

7850	E. Jefferson	1 & 2
29412	8-20-76	Lot No.
DATE		
USE Brick Hospital		
CONS. -----		
REMARKS	O.K.	
Wreck and remove debris		
C of D-38-CA-A		Record Card

7850	E. Jefferson	1 & 2
47817	7-7-70	Lot No.
DATE		
USE Brick Hospital		
CONS. 400.		
REMARKS	O.K.	
Lower ceiling in ofc. area (no electrical work).		
C of D-38-CA-A		Record Card

7850	E. Jefferson	1 & 2
46416	1/31/55	Lot No.
DATE		
USE hospital		
CONS. masonry		
REMARKS \$1200.00	O.K.	
Interior alt. in basemts as per plan		
C of D-38-CA-A		Record Card

7850	E. Jefferson	1 & 2
40214	9-30-54	Lot No.
DATE		
USE hospital		
CONS. masonry		
REMARKS \$950.00	O.K.	
Repair front terrace wall pour new flr., cut new door on 2nd flr. as per plan. Att. to not. BB 51814		
C of D-38-CA-A		Record Card

7850	Jefferson E.	1 & 2
14083	11-20-45	Lot No.
DATE		
USE hospital masonry		
CONS. O.K.		
REMARKS	O. K.	
install a bathroom as per plan.		
\$300.00		
C of D-38-CA-A		Record Card

7850	Jefferson E.	1 & 2
6027	6-19-45	Lot No.
DATE		
USE hospital		
CONS. brick & stone	O.K.	
REMARKS	O. K.	
change location of boiler room & kitchen as per approved plan.		
\$1000.00		
Mary Kulaja		
C of D-38-CA-A		Record Card

7850
 Jefferson E. 1 & 2
 Lot No. 3575 Date 5-7-45
 USE hospital
 brick
 CONS.
 Remarks O.K.
 enclose present side porch
 as per plan.
 \$950.00
 Mary Kulaja
 \$

C of D-38-CA-A Record Card

7850
 Jefferson E. (rear) 1&2
 Lot No. 2996 Date 4-18-45
 USE garage to annex to
 Hospital.
 brick
 CONS. *20-33870 OK*
 Remarks *1-1-46* O.K.
 change private garage with
 servants quarters on 2nd.
 floor into annex to main
 hospital as per plan,
 approved by Bd. of Zoning
 Appeals 4-6-45 Case #213-45.
 Buhl Land Co. Agt. \$8000.

C of D-38-CA-A Record Card

7850
 Jefferson E. 1-2
 Lot No. 42279 Date 8-25-44
 club
 brick
 CONS. *00 30064*
11-1-44
 REMARKS O.K.
 make interior alts. as per
 plan and change occupancy
 from womens club house to
 hospital.
 \$15,000.00

FORM C OF D-38-CA-A RECORD CARD

7850
 E. Jefferson 1 & 2
 Lot No. 34941 Date 12-28-43
 club residence
 brick & stone
 CONS. O.K.
 REMARKS O.K.
 second means of egress
 from third floor as per
 plan.
 Buhl Land Co.
 \$450.00

FORM C OF D-38-CA-A RECORD CARD

7850
 Jefferson E
 HOUSE NO. 14855-A STREET LOT NO. 12-23-24
 PERMIT NO. DATE
 USE Dwelling
 brick
 CONS. O.K.
 REMARKS Int Alt. O.K.

7850
 Jefferson E. 1-2
 Lot No. 51082 Date 6-21-37
 club house
 brick
 CONS. *FILED AS COMPLETE*
 REMARKS O.K.
 install fire exit from
 3rd floor through old
 elevator shaft to second
 floor, stair to be
 provided with hand rail
 on each side.
 Colony Town Club
 \$300.00

FORM BSE-200

7850
 Jefferson E. 1-2
 Lot No. 37484-A Date 6-12-31
 garage
 brick
 CONS. O.K.
 REMARKS O.K.
 Alterations in
 chauffeur's quarters
 over garage
 J. Elizabeth Buhl Est.
 1,000.00

Form 8-B-200

7850
 E. Jefferson
 HOUSE NO. 15096-A STREET LOT NO. 1-23-25
 PERMIT NO. DATE
 USE Elevator
 Brick Bldg
 CONS. Steel Shaft
 REMARKS O.K.

7850
 Jefferson E. 1-2
 Lot No. 3079A Date 9-20-13
 Boathouse
 Frame
 CONS. Frame
 REMARKS O.K.
 Build a 2 story frame
 addition.
 Van Dyke Seyburn
 0-1610

FORM BSE-200

7700
E. Jefferson

22662 6-5-39 LOT NO. DATE

M. H. Goss Co.

USE 1-12000 gal. O.S.U.G.

CONS. Simplex

REMARKS *F.T. 22154* O.K.
F.T. #F24848 4/2/53
8/24/53

FORM BSE-200

7700
Jefferson E.

15616 5-29-34 LOT NO. DATE

Walton Dodge Co.

USE 1-220 gal outside

CONS. Quick Heat

REMARKS *Burner Removed* O.K.

FORM BSE-190

7757 E. Jefferson

14986 9-15-48 Lot No. Date

Enterprise Heat & Power Co.

USE 1-6000 Gal U.G. Tank

CONS. Enterprise

REMARKS *F.T. 39707* O.K.

C of D-38-CA Record Card

7815 E. Jefferson Ave.

11250 5-28-30 LOT NO. DATE

Mech. Heat & Cold

USE 1-5000 gal. u.g.

CONS. Electrol

REMARKS *11473* O.K.

7835
Jefferson E.

17572 1-13-36 LOT NO. DATE

Wm. A. McKinnon Co.

USE 1-1000 gal. OSUG

CONS. Gilbarco

REMARKS *Replacement* O.K.
F.T. 2060

7835 E. Jeff.

2274 2-16-26 LOT NO. DATE

Fuel Oil Burner Corp.

USE 1000 gal. outside ug

CONS. A.B.C.

REMARKS *2060* O.K.

7844 E. Jefferson

26777 11-23-45 LOT NO. DATE

USE Wm. A McKinnon CO.

CONS. 2-220 gal. B'smt.

REMARKS *Delco* O.K.
F.T. F5863

FORM C OF D-38-CA RECORD CARD

7850 E. Jefferson

13709 9-29-31 LOT NO. DATE

Bruce Wigle Plg. & Htg. Co.

USE 220 gal. basement

CONS. YORK

REMARKS *10934* O.K.

7871 E. Jefferson

Sunstrand Fuel Oil Br

Bank of Detroit

Final Tag 4513

REMARKS O.K.

7875-77 E. Jefferson
 49383 6-22-53 Lot No. Date
 Use Automatic Htg. Corp.
 Cons. Timken
 Remarks O.K.
 2 - 220 gal. tanks
 basement
 2-1-54 F.T. 37579
 C of D-38-CA-A Record Card

7875 E. Jefferson Ave. 40
 36332 3/12/52 Lot No. Date
 Use McDonell & Sons Htg. Co.
 (two 220 gal. tanks)
 Cons. Basement
 Remarks Electrol O.K.
 Underground tank leaking;
 only work done was install
 2-220 gal tanks
 4/2/52
 F-18640
 C of D-38-CA Record Card

7895 E. Jefferson
 17075 10-22-48 Lot No. Date
 Use Charles R. Beltz & Co.
 Cons. Replacement of Burner
 Remarks Century O.K.
 F.T. 4556
 F.T. 31305
 9-11-53
 C of D-38-CA Record Card

7895
 Jefferson E.
 17323 11-18-36 Lot No. DATE
 Use Timken Silent Autom. Co.
 Cons. 1-220 gal. bsmt.
 Remarks Timken Silent Automatic O.K.
 F.T. 16670
 Form BSE-190

7895
 E. Jefferson
 15863 10-12-34 Lot No. DATE
 Use Timken Silent Autom. Co.
 Cons. 2-220 gal. bsmt.
 Remarks Timken Silent Automatic
 (installed by others)
 15593
 Form BSE-190

7895
 East Jefferson
 14851 2-3-33 Lot No. DATE
 Use H. B. Stoepel
 Cons. 2-220 gal. Bsmt.
 Remarks Ballard Jr. O.K.
 Form BSE-190

7895 E. Jefferson Ave.
 5014 Aug. 2nd 27. Lot No. DATE
 Use H. Robert Stoepel
 Cons. 20000 gal. U. G.
 Remarks Johnson Type #22 Rotary O.K.
 F.T. 4556
 Form BSE-190

7895 E. Jefferson
 4876 6-20-27 Lot No. DATE
 Use Fuel Oil Service Co.
 Cons. 220 gal. bsmt.
 Remarks "Quantuple" O.K.
 Not installed
 Form BSE-190

7899 E. Jefferson Ave
 5030 Aug. 3rd 27. Lot No. DATE
 Use Oil Heat Service Co.
 Cons. 420 Bsmt.
 Remarks "Super" O.K.
 F.T. 3178
 Form BSE-190

7900 E. Jefferson
 Lot No. 25110 Date 11-7-49
 Use Charles E. Beltz & Co.
 Cont. 1-1000 gal. UG Tank O.K.
 Remarks
 Airtemp
 FT 9155
 11-6-50
 C of D-38-CA Record Card

7900 E. Jefferson
 Lot No. 16494 Date 10-15-48
 Use Chrysler Conf of
 Business Management
 Cont. 1 - 220 Gal.
 Remarks Bmt. O.K.
 Airtemp Oil Water Htr.
 FT 13810
 C of D-38-CA Record Card

7900 E. Jefferson
 Lot No. 10967 Date 2-10-48
 Use C. R. Beltz & Co.
 Cont. Airtemp
 Replacement O.K.
 Remarks
 FT. 8734
 C of D-38-CA Record Card

7900 Jefferson E.
 Lot No. 8511 Date 8-21-29
 Use Winkon Detroit Co.
 Cont. 2000 gal outside ug
 Remarks Winkon O.K.
 8734
 C of D-38-CA Record Card

8000 8005
 E. Jefferson
 Lot No. 23485 Date 6-24-40
 Use Dasher Const. Co.
 Cont. 1-1000 gal. U.G.
 Aldrich
 Remarks O.K.
 FT 22644
 FORM C OF D-38-CA RECORD CARD

8045 East Jefferson
 Lot No. 29169 Date 6-5-51
 Use Cunningham Stoker Co.
 Cont. 1 - 1,000 gal. U.G.
 Remarks Beckett Commodore O.K.
 12/13/51
 FT# F-13134
 C of D-38-CA Record Card

8045 E. Jefferson
 Lot No. 5173 Date 8-19-47
 Use Wm. O. McKinnon Co.
 Cont. 1 - 1000 gal. F.O.
 Remarks Gilbarco O.K.
 FT. 31912
 FORM C OF D-38-CA RECORD CARD

8109 E. Jefferson
 Lot No. 29731 Date 9-9-46
 Use S. S. Pirie Co.
 Cont. 2-220 gal. Bmt.
 Remarks S. T. Johnson O.K.
 FT. 2734-4-10-53
 FORM C OF D-38-CA RECORD CARD

the 1990s, the number of people with a diagnosis of schizophrenia has increased in many countries (1).

There is a growing awareness of the need to improve the quality of life of people with schizophrenia, and to reduce the stigma associated with the illness (2). This has led to a focus on the development of self-help strategies for people with schizophrenia (3).

One of the most common self-help strategies is the use of self-help manuals. These manuals provide information about the illness, and offer advice on how to manage the symptoms and side-effects of medication (4).

Self-help manuals can be used in a number of ways. They can be used as a source of information, or as a guide to self-help exercises. They can also be used as a tool for self-monitoring (5).

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From: [Gladdie Miles](#)
To: [Laura Gray](#)
Subject: Re: Records review
Date: Tuesday, January 08, 2019 9:55:58 AM
Attachments: [ATT00001.jpg](#)

Hi Laura,

There is no file(s) and/or report(s) for the request of 7850 E. Jefferson Avenue.

Please note that this request is completed and closed.

Respectfully,

Gladdie Miles, AACP
Clerk/Office Assistant II
Detroit Fire Department
Fire Marshal Division
1301 Third Street
Detroit, MI 48226
(313) 596-2948 FAX: (313) 596-2978
milesg@detroitmi.gov



>>> Laura Gray <lgray@asti-env.com> 12/12/2018 8:35 AM >>>

Hello Ms. Miles,

Please accept the following attachment.

Best,

Laura Gray

Environmental Technician



Click [here](#) to receive ASTI's technical e-updates.

10448 Citation Dr., Suite 100

Brighton, MI 48116

Ph: 810.225.2800

C: 810.599.5476

Web Site: www.asti-env.com

Email: lgray@asti-env.com

REMEDICATION AND REDEVELOPMENT DIVISION PERFECTED LIEN LIST

The Department of Environmental Quality (DEQ), 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 DEQ Division or other entity. For information regarding this list, please contact Paul Johnson at 517-284-5067 or by e-mail at johnsonp1@michigan.gov. For lien information related to the Resource Management Division or the Office of Oil, Gas & Minerals, 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.

<i>County</i>	<i>Township</i>	<i>City/Vlg</i>	<i>Address</i>	<i>Other Description</i>	<i>Lot No</i>	<i>Section Town Range</i>			<i>Tax Code</i>
Alcona		Harrisville	216 S. US23			13	T26N	R9E	
Allegan				Case #11-156-CE (call for more info)					
Allegan	Watson					24	T2N	R12W	23-24-001-10
Allegan	Watson					24	T2N	R12W	23-24-001-10
Allegan				Case #11-156-CE (call for more info)					
Alpena		Alpena	4709 Long Rapids Rd.	Lake Winyah Shores Sub	Lot 43				
Antrim		Ellsworth	Vlg. Of Ellsworth			14	T32N	R8W	05-44-013-061-00
Antrim		Ellsworth	Vlg. Of Ellsworth			14	T32N	R8W	05-44-023-004-00
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				
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	
Benzie		Lake Ann Vlg	P.O. Box 62 1st St.		Lots 7 & 9, Blk 28				
Berrien		Watervliet				2	T3S	R17W	11-21-0023-0014-01-6

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Berrien		Watervliet				2	T3S R17W	11-21-0002-0015-01-0
Berrien				Case #11-156-CE (call for more info)				
Berrien	Benton	Benton Harbor					T4S R18W	11-045-18W-05DB
Berrien		Watervliet	106 E. St. Joseph St.	Sutherland's Addition	Lot 1, exceptions			
Berrien				Judgment Lien - Case #11-156-CE (call for more info)				
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	
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		Dowagiac	111 North Front St.	Patrick Hamilton's Add	Lot 12			
Cass				Case #11-156-CE (call for more info)				
Cheboygan		Cheboygan		J M Pennell's First Add to city	Lot 13, Blk 8			
Chippewa		Dafter	9976 Soo Line Rd.			21	T46N R1W	
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		Burton	5516 Davison Rd			11	T7N R7E	59-11-200-006
Genesee	Genesee					33	T8N R7E	R-1006-22
Genesee		Flushing	90 E. Main St.	Assessor's Plat #5	Pt of Lot 98,			
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

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Genesee		Flint	603 Pingree Ave	Elm Park Sub	Lots 187-195, 196, 230				11-17-352-0187-87
Genesee		Flint	3402 Martin Luther King or 121 E. Pasadena		Lots 548 & 549				
Genesee	Genesee					33	T8N	R7E	R-1006-22
Grand Traverse	Blair		5175 Sawyer Wood Dr	Woodland Terrace Annex	Lots 1-4 Blk 18	7	T26N	R11W	28-02-007-047-20
Grand Traverse	Blair					7	T26N	R11W	
Grand Traverse	East Bay						T27N	R10W	28-03220-020-00
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
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				
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		Kalamazoo	3501 South Burdick St.	Supv Plat of Henry Johnson Plat	Lot A				
Kalamazoo		Vlg. of Vicksburg		Wolverton's Revised Addition		18	T4S	R10W	39-15-18-100-018
Kalamazoo	Alamo					26	T1S	R12W	01-26-251-019
Kalamazoo	Wakeshma	Fulton	13995 East W Ave.			16	T4S	R9W	16-16-490-190
Kalkaska	Kalkaska					29	T27N	R7W	
Kalkaska	Kalkaska					29	T27N	R7W	
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
Kent		Wyoming	2539 28th St, SW			9	T6N	R12W	41-17-09-451-013
Kent		Grand Rapids	2555 Oak Industrial Drive			22	T7N	R11W	
Lake	Pleasant Plains		M-37	Pere Marquette Plat	107,108,78,79	22	T17N	R13W	43-17N-13W-22BD
Lake	Pleasant Plains		M-37	Pere Marquette Plat	Lot 2052,53,80- 83,103-106	22	T17N	R13W	

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Lake	Pleasant Plains		M-37	Pere Marquette Plat	part of 20,21	22	T17N	R13W	
Livingston	Putnam					27	T1N	R4E	14-27-400-002 30147080
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		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	Hamburg		10776 Hall Rd			25	T1N	R5E	47-15-25-400-014
Macomb	Macomb	Warren			Lot 33 & 13				13-19-353-004
Macomb	Chesterfield					PC 192	T3N	R14E	09-21-251-002
Macomb	Chesterfield					PC 192	T3N	R14E	09-21-401-003
Macomb	Chesterfield					PC 192	T3N	R14E	09-21-401-003
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
Macomb	Macomb	Warren			Lot 33 & 13				13-19-353-004
Monroe	Bedford					28	T8S	R7E	58-08S-07E-28BA
Montcalm	Reynolds	Howard City				35	T12N	R10W	59-017-900-083-00 or 092-00
Montcalm	Reynolds	Howard City				35	T12N	R10W	59-017-900-083-00 or 092-00
Montcalm	Winfield		15350 West Howard City/Edmore Road			16	T12N	R9W	59-020-016-008-01
Montcalm	Winfield		15350 West Howard City/Edmore Road			16	T12N	R9W	59-020-016-008-01
Montcalm	Bloomer					12	T9N	R5W	59-051-700-040-00
Montmorency		Atlanta Vlg	103 State St. Box 615		Lots 5 thru 11, Blk 7				
Newaygo	Everett					17	T13N	R12W	
Newaygo	Everett					17	T13N	R12W	

<i>County</i>	<i>Township</i>	<i>City/Vlg</i>	<i>Address</i>	<i>Other Description</i>	<i>Lot No</i>	<i>Section Town Range</i>			<i>Tax Code</i>
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		Evert	202 E. Seventh		479				
Osceola	Hartwick					1	T19N	R8W	67-04-001-001-00
Osceola	Orient					21	T17N	R7W	67-11-021-021-10 67-11-021-022-10
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
Ottawa	Tallmadge				Gov't 4	12	T6N	R13W	70-14-12-400-003
Ottawa				Case #11-156-CE (call for more info)					
Ottawa				Case #11-156-CE (call for more info)					
Ottawa		Grand Haven		Rycenga's Plat 3	197	21	T8N	R16W	70-03-21-415-018
Presque Isle	Presque Isle		17661 Grand Lake Blvd.		17				
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				
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				Case #11-156-CE (call for more info)					

<i>County</i>	<i>Township</i>	<i>City/Vlg</i>	<i>Address</i>	<i>Other Description</i>	<i>Lot No</i>	<i>Section</i>	<i>Town</i>	<i>Range</i>	<i>Tax Code</i>
St. Joseph	Colon					3	T6S	R9W	
Tuscola	Wisner	Fairgrove	9006 Bay City Forestville Rd.		Parcel B	29	T14N	R7E	10-01-0004-790-06
Tuscola		Caro		Plat of Centerville (Caro)	1and pt 2 Blk23	3	T12N	R9E	
Van Buren				Case #11-156-CE (call for more info)					
Wayne		Detroit	4445 Lawton aka 4450 Lawton	Plat of RR Concessions, PC 729	41-58, Out Lot 8,				
Wayne		Woodhaven				28	T4S	R10E	59-080-99-0004-000
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		Woodhaven				28	T4S	R10E	59-080-99-0008-000
Wayne	Brownstown	Flat Rock				28	T4S	R10E	58-081-99-0002-000
Wayne		Detroit 48227	14000 Fenkell	Davy's Fenkell Ave Sub	Lots 33-36				
Wayne	Brownstown	Flat Rock				28	T4S	R10E	58-081-99-0002-000
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, Owner
Questionnaire, and Development Plan

SECTION VIII: 2018 - 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: GDC-East Jefferson, LLC

User’s (Sponsor’s) Telephone No.: 248-513-4900

User’s (Sponsor’s) Fax No.: _____

Subject Property: 7850 E. Jefferson

Property Address: 7850 E. Jefferson

City: Detroit State: MI Zip: 48214

1.0 Environmental Cleanup Liens:

Are you aware of any environmental cleanup liens against the property that are filed, recorded, or unrecorded under federal, tribal, state, or local law?

 YES x 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)

(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 (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: Only as disclosed in prior
environmental reports provided by Seller.

(b) Do you know the specific chemicals that are present or once were present at the property?

 YES x NO (If "YES," please describe)

(c) Do you know of spills or other chemical releases that have taken place at the property?

 YES x NO (If "YES," please describe)

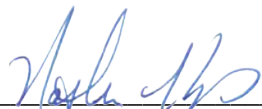
(d) Do you know of any environmental cleanups that have taken place at the property?

 YES x 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 x NO (If "YES," please describe)

User's Signature:  Date January 4, 2019

User's Printed Name: Nathan Keup

ASTI Environmental Phase I ESA

OWNER QUESTIONNAIRE

Respondent Name: Matthew Duffield Signature: 

Time of Association with the Property: 2015-current Title President

Date: 1/10/19

Phone Number and/or Email Address: 248.630.7878 / mduffield@shai

Subject Property Address: 7850 E Jefferson, Detroit MI 48214

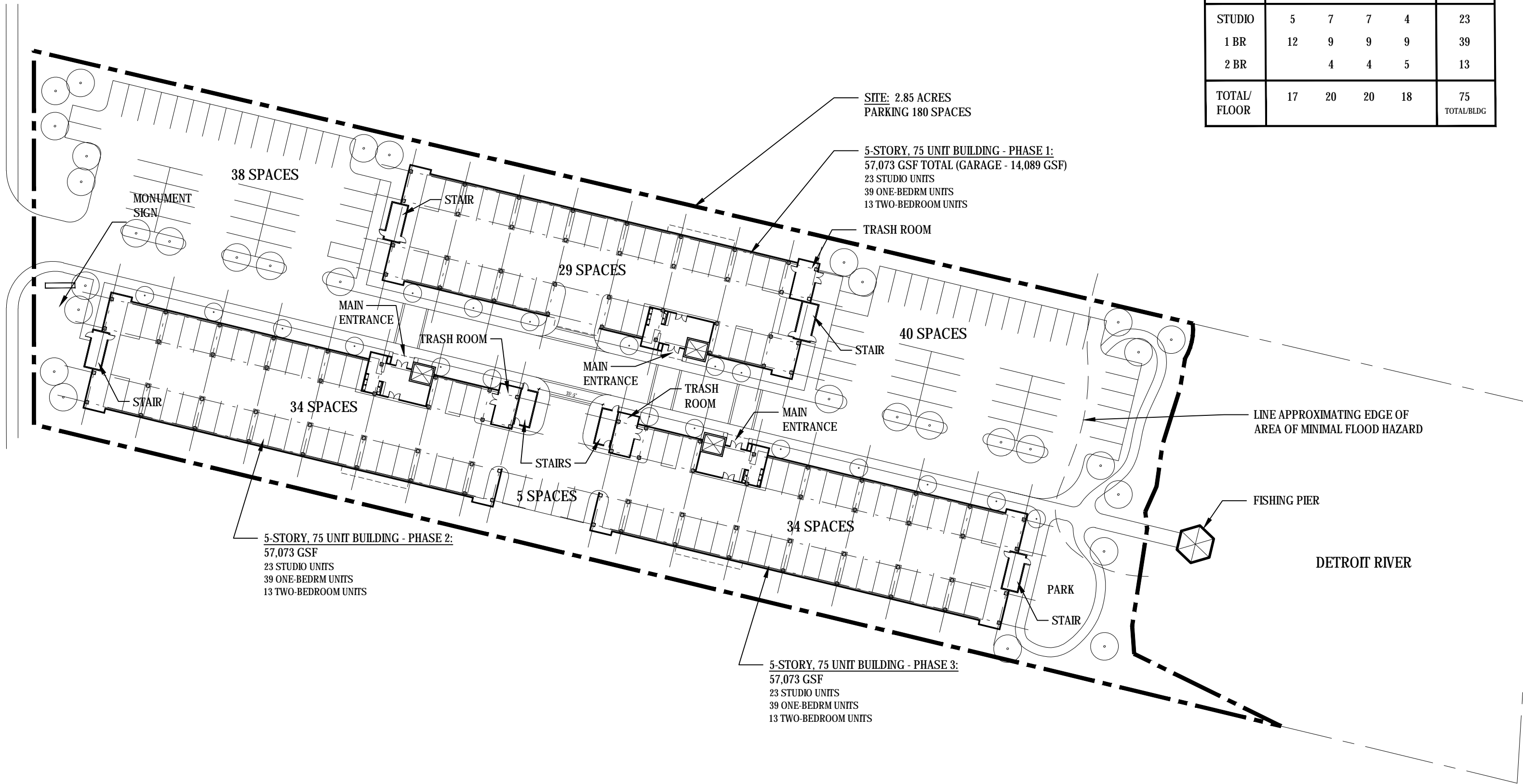
Please answer all questions to the best of your knowledge and in good faith.

	Question	Response		Comment (Please provide for Yes responses)
		Yes	No	
1	Is the Property currently used for manufacturing or industrial use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2	Is an adjacent property currently used for manufacturing or industrial use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
3	Has the property or adjoining property been used for manufacturing or industrial purposes in the past?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
4	To the best of your knowledge, has the property been used as a gas station, motor repair facility, print shop, dry cleaner, photo lab, junkyard, recycling facility, or landfill?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
5	To the best of your knowledge, has an adjacent property been used as a gas station, motor repair facility, print shop, dry cleaner, photo lab, junkyard, recycling facility, or landfill?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
6	Are there any pesticides, herbicides, automotive or industrial batteries, paints or other chemicals stored on the property (exclude those <5 gallons unless in large quantities of >25 gallons total)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
7	Have pesticides, herbicides, or other agricultural chemicals been stored, mixed, or applied to the property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
8	Are there any plastic or metal drums (typically 55-gallon) located on the property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
9	Has fill dirt from an offsite source been placed on the property that may be contaminated or from an unknown source?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
10	Has any construction debris, substances identified as hazardous substances, unidentified wastes, tires, batteries, or other wastes been dumped above grade, buried, or burned at the property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
11	Is there any soil on the property that has been obviously stained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
12	Does the property discharge waste water, on or adjacent to the property, other than storm water into a sewer system or retention/detention pond?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
13	Is the property served by a private well or non-public water system? Include potable and irrigation wells.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
14	Do you know of former water (potable or irrigation) wells associated with the property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
15	Is there currently or has there been in the past a septic system for the property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
16	Are there or have there been in the past any pits, ponds, or lagoons associated with waste treatment or disposal on the property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Question		Response		Comment (Please provide for Yes responses)
		Yes	No	
17	Are there storage tanks, above ground or underground, located on the property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
18	In the past, have there been storage tanks, above ground or underground, located on the property?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Historical sources indicated that two storage tanks were present at the property previously, with no detailed information available as to the current status or removal of tanks. None visually present.
19	Have polychlorinated biphenyls (PCBs) been used in electrical transformers, capacitors, or other equipment at the property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
20	Is there a transformer on the property that is not owned by a public or private utility company for which there are no records indicating the absence of PCBs?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
21	Do you have any knowledge of environmental liens or government notification relating to past or recurrent violations of environmental laws with respect to the property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
22	Are there currently or have there been in the past any floor drains, sumps, and/or oil-water separators on the property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
23	If yes, to question 22, do the drains/sumps discharge to the sewer system?	<input type="checkbox"/>	<input type="checkbox"/>	
24	Are you aware of the presence of asbestos-containing materials?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
25	Are you aware of the presence of lead-based paint?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
26	Is there an asbestos and/or lead-based paint Operations & Maintenance Program in place?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
27	Has the water ever been tested for lead?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
28	Has radon testing ever been conducted?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
29	Is there now or has there been evidence of mold or mildew present?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
30	Are there any prior environmental investigations (Phase I ESAs, Phase II ESAs, geotechnical reports, remedial reports, etc.) available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Phase II report from April 2017 available.
31	Please provide a brief description of the historical use of the property including construction dates, past operations, former buildings, etc.	Historical information shows property was used as a high end residence. Property is currently now vacant land.		

ASTI Environmental - Fax Number 810-225-3800 Phone Number 810-225-2800

UNIT TYPE	F L O O R S				TOTAL/TYPE
	2	3	4	5	
STUDIO	5	7	7	4	23
1 BR	12	9	9	9	39
2 BR		4	4	5	13
TOTAL/FLOOR	17	20	20	18	75 TOTAL/BLDG



SITE: 2.85 ACRES
PARKING 180 SPACES

5-STORY, 75 UNIT BUILDING - PHASE 1:
57,073 GSF TOTAL (GARAGE - 14,089 GSF)
23 STUDIO UNITS
39 ONE-BEDRM UNITS
13 TWO-BEDROOM UNITS

5-STORY, 75 UNIT BUILDING - PHASE 2:
57,073 GSF
23 STUDIO UNITS
39 ONE-BEDRM UNITS
13 TWO-BEDROOM UNITS

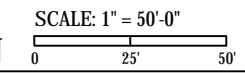
5-STORY, 75 UNIT BUILDING - PHASE 3:
57,073 GSF
23 STUDIO UNITS
39 ONE-BEDRM UNITS
13 TWO-BEDROOM UNITS

LINE APPROXIMATING EDGE OF
AREA OF MINIMAL FLOOD HAZARD

FISHING PIER

DETROIT RIVER

PROPOSED SITE PLAN

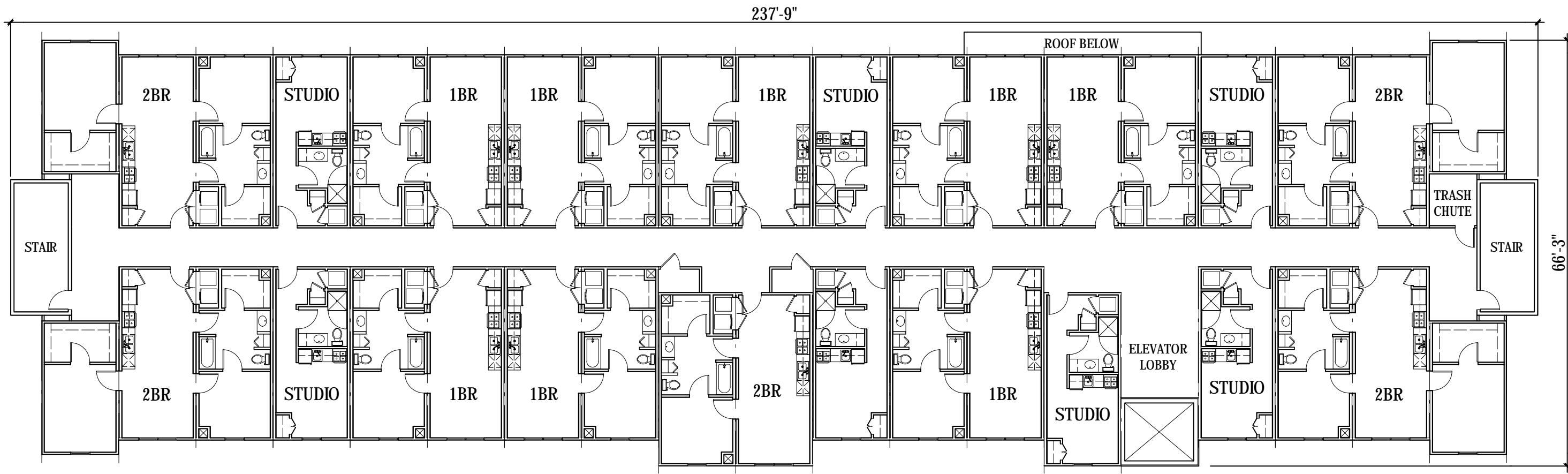


February 19, 2019 rdia: #19020 COPYRIGHT © 2019

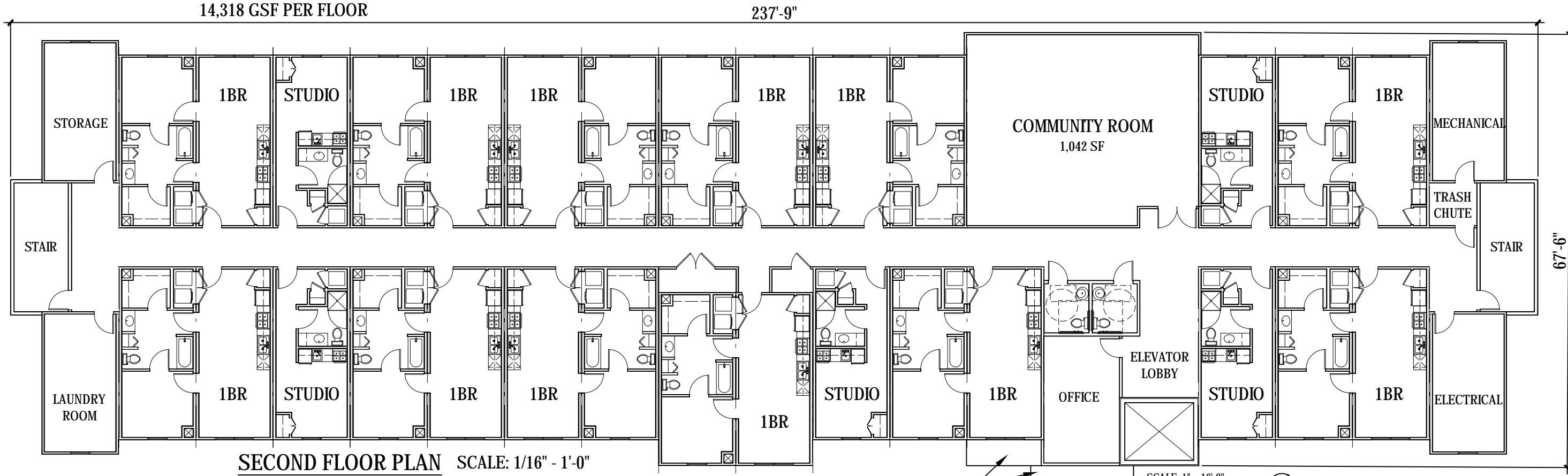
RDL ARCHITECTS
16102 Chagrin Boulevard
Shaker Heights, Ohio 44120
T: 216-752-4300 F: 216-752-4301
www.rdlarchitects.com

JEFFERSON FAMILY
DETROIT, MICHIGAN

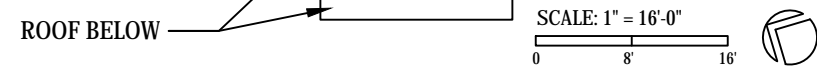
GINOSKO DEVELOPMENT CO.
41800 West 11 Mile Road, Suite 209
Novi, Michigan 48375
Telephone: 248.513.4900 Fax: 248.513.4904



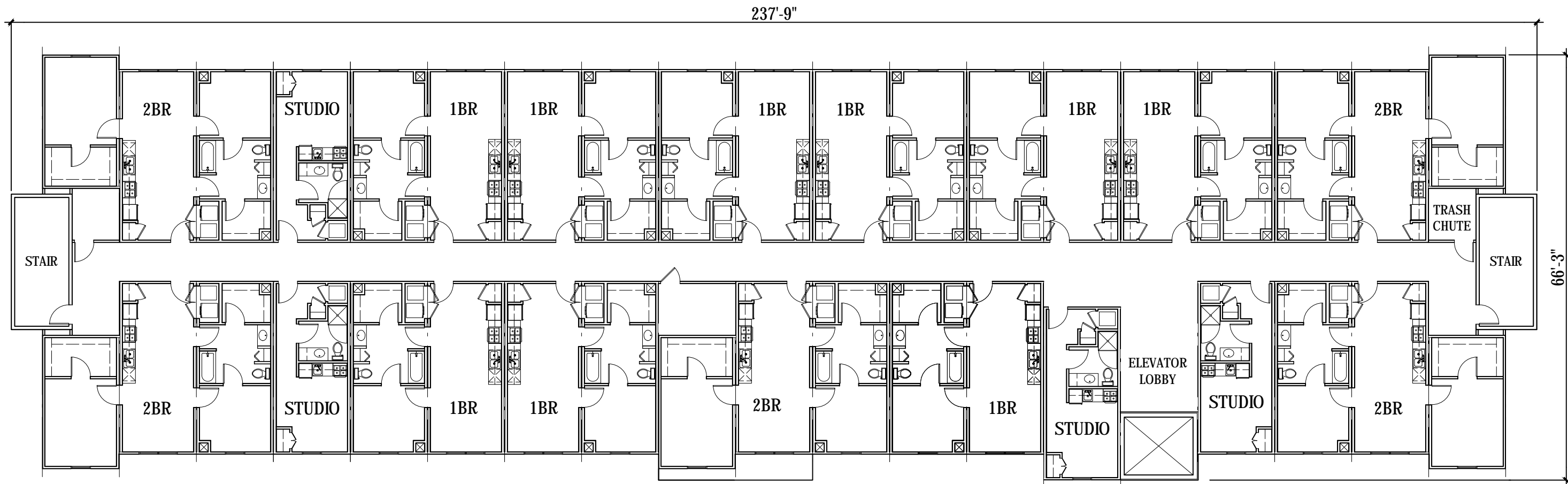
THIRD & FOURTH FLOOR PLAN SCALE: 1/16" = 1'-0"
14,318 GSF PER FLOOR



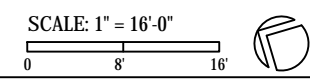
SECOND FLOOR PLAN SCALE: 1/16" = 1'-0"
14,318 GSF



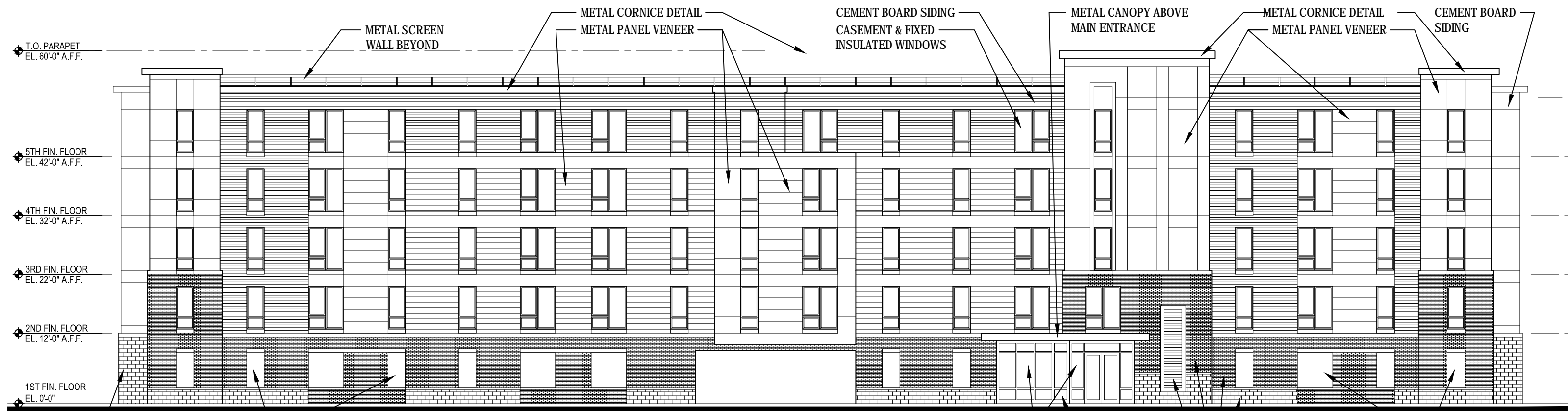
February 19, 2019 rdl: #19020 COPYRIGHT © 2019



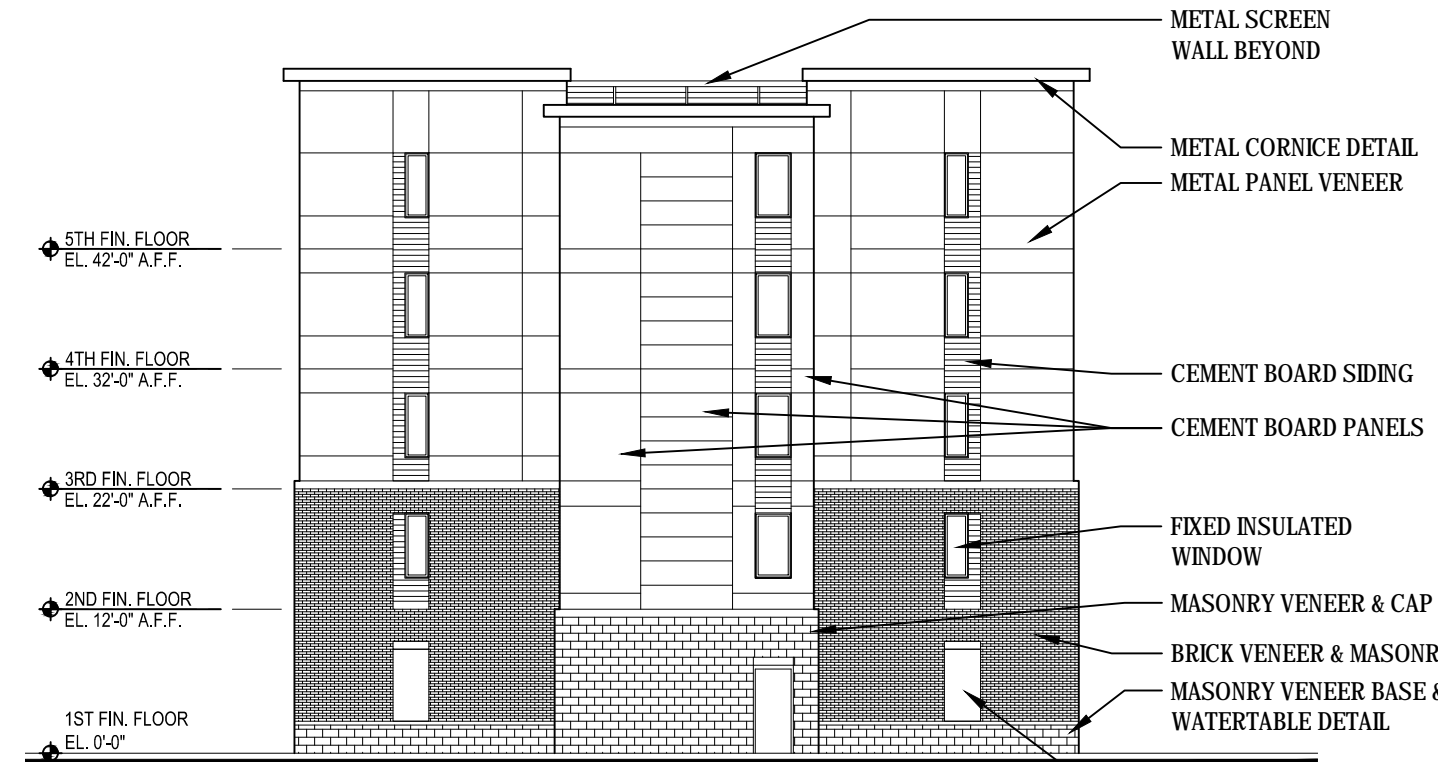
FIFTH FLOOR PLAN SCALE: 1/16" - 1'-0"
14,119 GSF



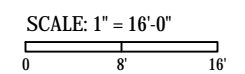
February 19, 2019 rdl: #19020 COPYRIGHT © 2019



PROPOSED WEST ELEVATION
SCALE: 1/16" - 1'-0"



PROPOSED NORTH ELEVATION
SCALE: 1/16" - 1'-0"



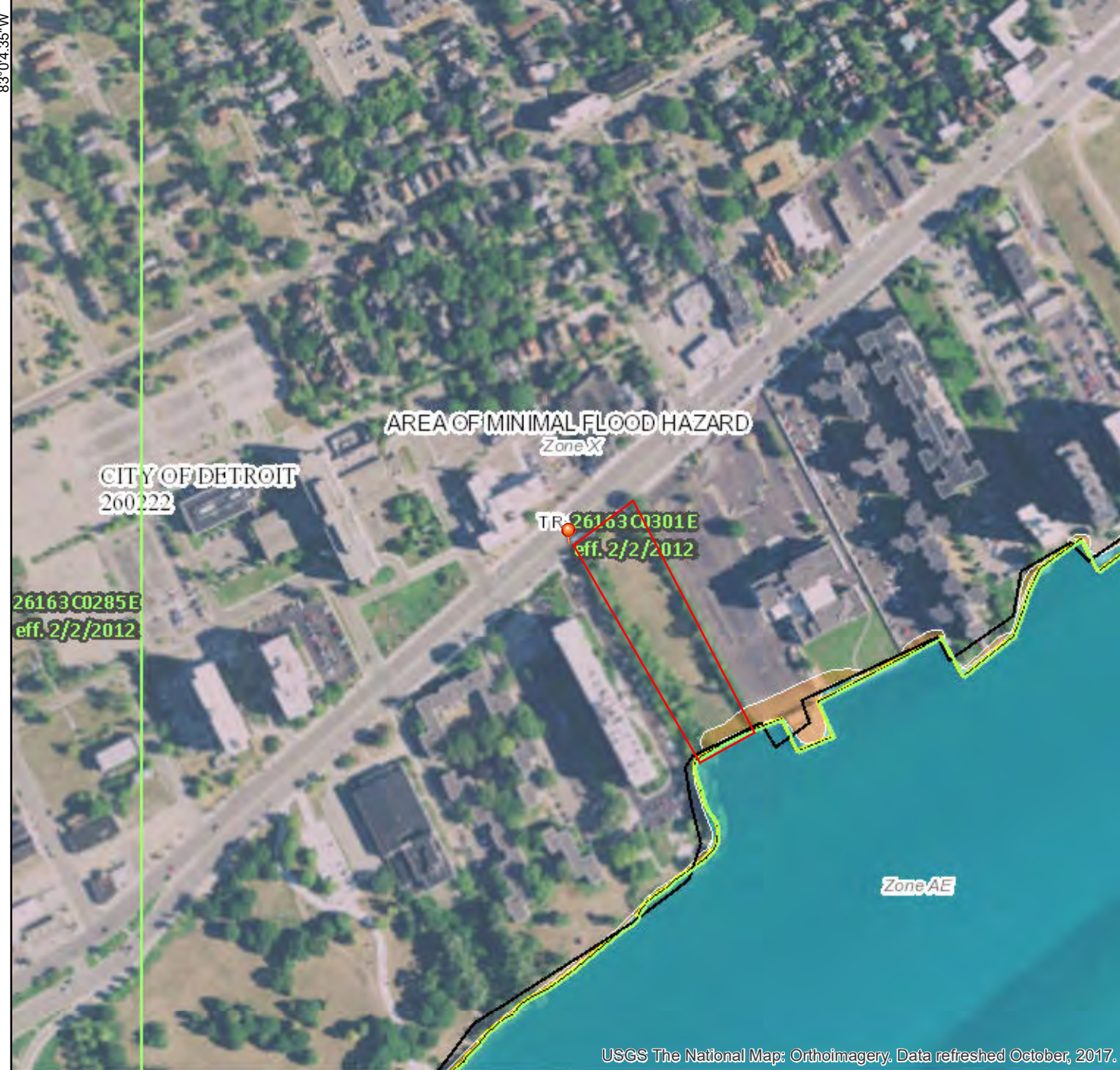
February 19, 2019 rdlia: #19020 COPYRIGHT © 2019

10.7 Special Contractual Conditions Between User and Environmental Professional: FEMA Firmette Map, National Wetlands Inventory Map, and Noise Assessment

National Flood Hazard Layer FIRMette



42°21'15.50"N



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
GENERAL STRUCTURES		Area of Undetermined Flood Hazard <i>Zone D</i>
		Channel, Culvert, or Storm Sewer
OTHER FEATURES		Levee, Dike, or Floodwall
		Cross Sections with 1% Annual Chance Water Surface Elevation
OTHER FEATURES		Coastal Transect
		Base Flood Elevation Line (BFE)
OTHER FEATURES		Limit of Study
		Jurisdiction Boundary
OTHER FEATURES		Coastal Transect Baseline
		Profile Baseline
OTHER FEATURES		Hydrographic Feature
		Digital Data Available
MAP PANELS		No Digital Data Available
		Unmapped



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **1/11/2019 at 10:05:45 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.

USGS The National Map: Orthoimagery. Data refreshed October, 2017.

0 250 500 1,000 1,500 2,000 Feet 1:6,000

42°20'48.91"N


82°59'26.89"W





January 11, 2019

Wetlands

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

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

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, and the number of people aged 75 and over has increased from 4.5 million to 6.5 million (Office for National Statistics 2000). The number of people aged 65 and over is projected to increase to 17.5 million by 2020, and the number of people aged 75 and over to 8.5 million (Office for National Statistics 2000).

There is a growing awareness of the need to address the needs of older people, and the need to ensure that they are able to live independently and actively in their own homes. This has led to a number of initiatives, including the development of new housing schemes, the provision of services to support older people in their homes, and the development of new models of care.

One of the key challenges is to ensure that older people are able to live independently and actively in their own homes. This requires a range of services, including housing, care, and support. The development of new housing schemes, the provision of services to support older people in their homes, and the development of new models of care are all essential to addressing this challenge.

The development of new housing schemes is essential to addressing the needs of older people. This includes the development of new housing schemes that are specifically designed for older people, and the provision of services to support older people in their homes. The development of new models of care is also essential to addressing the needs of older people.

The provision of services to support older people in their homes is essential to addressing the needs of older people. This includes the provision of services such as home care, day care, and respite care. The development of new models of care is also essential to addressing the needs of older people.

The development of new models of care is essential to addressing the needs of older people. This includes the development of new models of care that are specifically designed for older people, and the provision of services to support older people in their homes. The development of new models of care is also essential to addressing the needs of older people.

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Noise Assessment
2.8 Acres of Vacant Land
7850 East Jefferson Ave.
Detroit, Michigan

GDC-East Jefferson, LLC

January 9, 2019

ASTI ENVIRONMENTAL



Noise Assessment
2.8 Acres of Vacant Land
7850 East Jefferson Ave.
Detroit, Michigan

January 9, 2019

Report Prepared For:

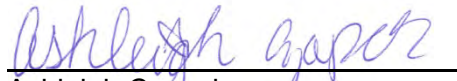
GDC-East Jefferson, LLC
41800 W. 11 Mile Rd. Suite 209
Novi, Michigan 48375

Report Prepared By:

ASTI Environmental
10448 Citation Drive, Suite 100
Brighton, Michigan 48116
800-395-ASTI


ASTI Project No. 1-10105

Report Prepared by:



Ashleigh Czapek
Associate I

Report Reviewed by:



Anthony Spencer, EP
Associate II



TABLE OF CONTENTS

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2.0 Evaluation of Noise Sources	3
2.1 Airports	3
2.2 Busy Roadways	3
2.3 Railroads	3
2.4 Non-Transportation Sources	3
3.0 Calculations	4
4.0 Conclusions	5
5.0 References	6

ATTACHMENTS

- A** NAL Location Map
- B** Airport Noise Contour Map
- C** AADT Information
- D** Day-Night Level Electronic Assessment

1.0 INTRODUCTION

GDC-East Jefferson, LLC proposes a new construction project utilizing funding provided from the Michigan State Housing Development Authority (MSHDA). The project is located on 2.8 acres of vacant land at 7850 E. Jefferson Ave., 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	3.74 miles
	Windsor International Airport	5.22 miles
Busy Road(s)	E. Jefferson Ave.	65 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 3.74 miles distant. Based on the Noise Contour Map for the airport (Attachment B), the site is not within a distance of concern.

Windsor International Airport is approximately 5.22 miles distant. Based on the Noise Contour Map for the airport (Attachment B), the site is not within a distance of concern.

Other small airfields were identified within 15 miles but these airfields have no commercial traffic and are not likely FAA-regulated. They are not considered to represent a noise concern.

2.2 Busy Roadways

The major roadway is:

- E. Jefferson Ave.

E. Jefferson Ave. is an 8-lane road with a center turn lane. E. Jefferson Ave. is a main transportation route into the city of Detroit. The roadway is an approximate effective distance of 65 feet from the Subject Property (NAL #1). Traffic counts for Woodward Ave. were obtained through the Southeast Michigan Council of Government (SEMCOG). Projections were done through 2029. A compounded growth rate of 1% per year was judged appropriate as traffic levels are expected to remain relatively stable. Traffic projections are included in Attachment C. Noise levels from the applicable roadways at NAL #1, as predicted in 2029, were within the Normally Unacceptable range per HUD/MSHDA standards.

2.3 Railroads

Not applicable.

2.4 Non-Transportation Sources

Not applicable.

3.0 CALCULATIONS

A Noise DNL calculator worksheet for the NAL is provided in Appendix D.

Using the HUD DNL calculator, the noise level at NAL #1, as predicted in 2028, is calculated to be 74.4 dB and within the Normally Unacceptable range.

4.0 CONCLUSIONS

The following is a summary of the findings of this assessment.

NAL #	Combined Source DNL (dB)	Category
1	74.4	Normally Unacceptable

5.0 REFERENCES

- 24 CFR Part 51 Subpart B
- The Noise Guidebook, U.S. Department of Housing and Urban Development,
- U.S. DOT
- <https://maps.semcog.org/TrafficVolume/>
- <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.

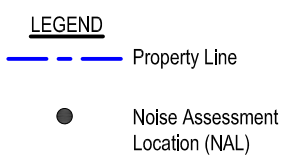
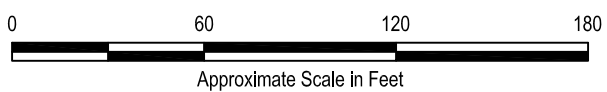
Locations with day-night average noise levels above 75 dB have "Unacceptable" noise exposure. For new construction, noise attenuation measures in these locations require the approval of the Assistant Secretary for Community Planning and Development (for projects reviewed under Part 50) or the Responsible 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



7850 E. Jefferson Ave.

Detroit, MI



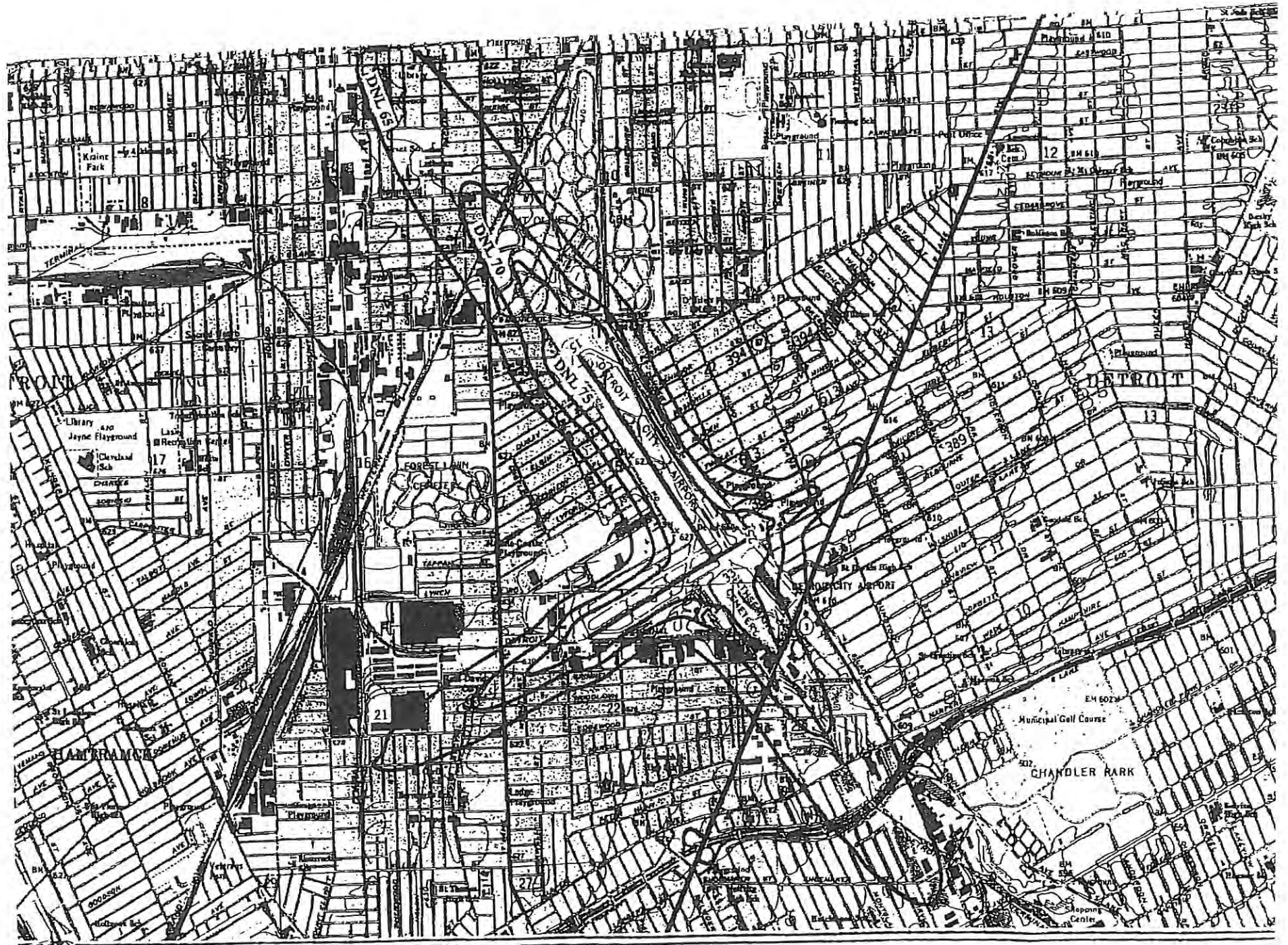
Created for: GDC East Jefferson, LLC

Noise Assessment Location (NAL) Map

ASTI Project 1-10105, MPM, January 10, 2019

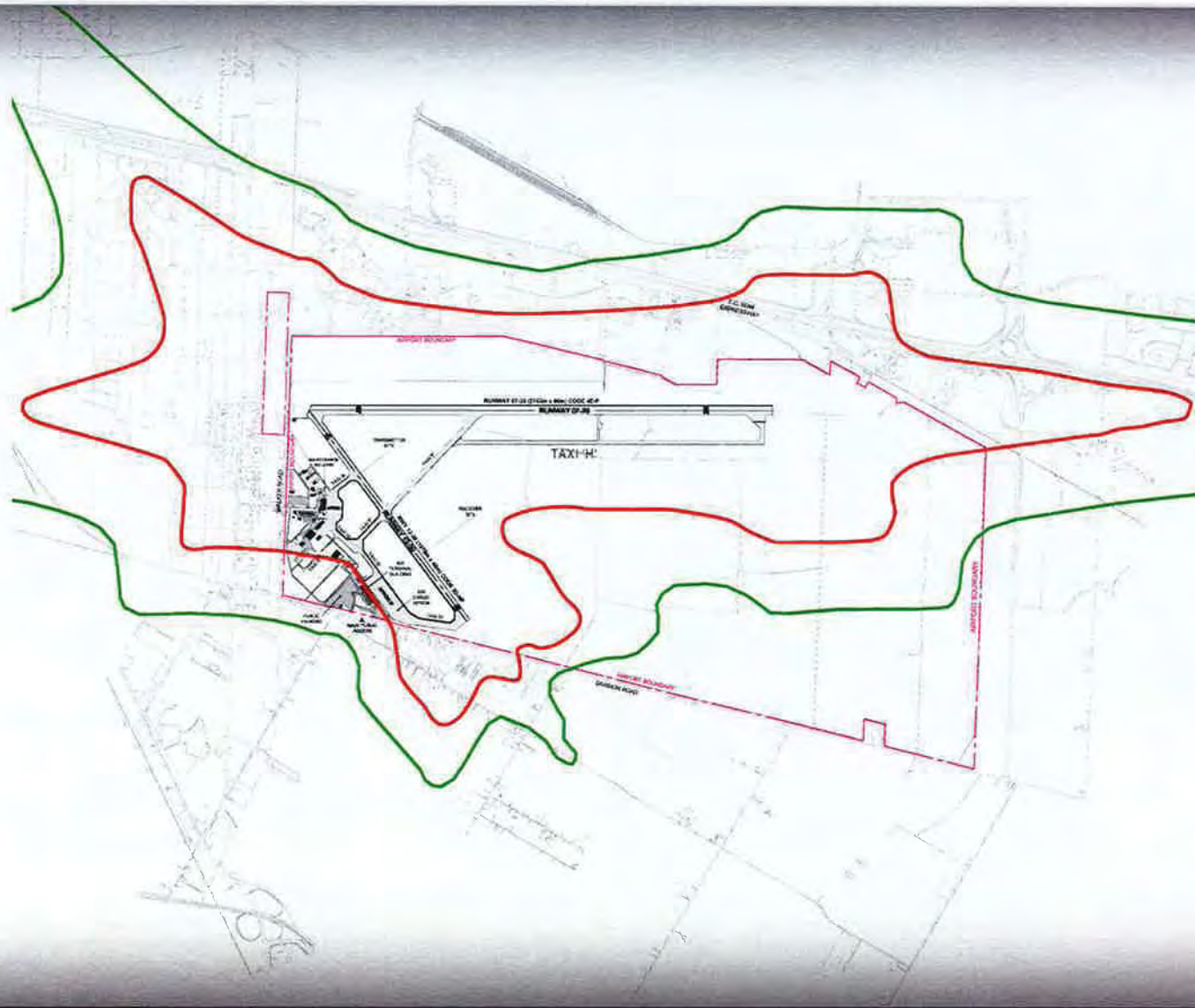
Image Credit: Google Earth

Attachment B
Airport Noise Contour Maps



CITY OF DETROIT
 AIRPORT DEPARTMENT

1996 BAS 'E
 NOISE EXPOSURE CONTOURS



**WINDSOR AIRPORT
MASTER PLAN**

**FIGURE 3-4 - AIRPORT NOISE
EXPOSURE FORECAST CONTOURS**

- 30 NEF (NOISE EXPOSURE FORECAST)
- 25 NEF

Notes

- 1. Conceptual Layout
- 2. All dimensions approximate
- 3. Noise Exposure Forecast provided by Windsor Airport Management



Base data provided by City of Windsor Official Plan
Map created by EDH
Map checked by EGL

File Location: \\20dillon.dillon.ca\toronto\data\PROJECTS\DRAFT\09\092665 Windsor Airport Master Plan

Map Projection: n/TAXI 'H'

Project #: 09-2665
Status: n/a
Date: December 2010



Attachment C
AADT Information

Auto and Heavy Truck 10-year ADT Projections

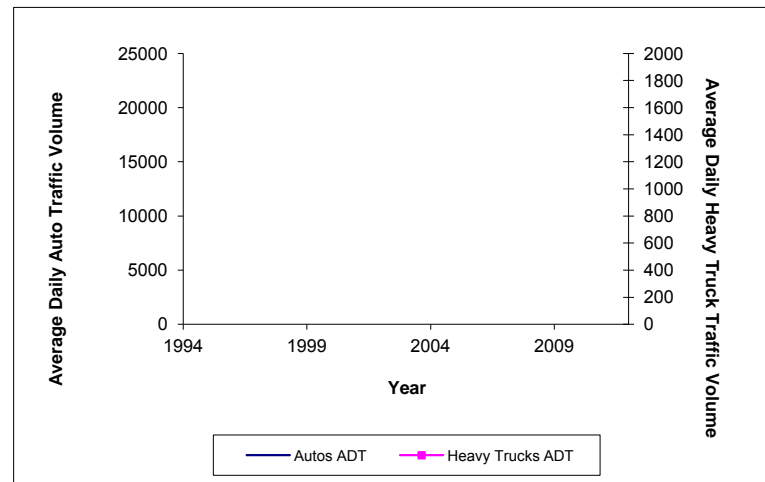
East Jefferson

	Cars	% Change	Trucks	% Change
2016	21528		1872	
	Avg % change:	#DIV/0!	Avg % change:	#DIV/0!
	Avg % change (Last 5-yr Trend):	#DIV/0!	Avg % change (Last 5-yr Trend):	#DIV/0!
	% Change/Year Assumption	1	%/Year Change Assumption	1

2028 Projections

	Cars	Trucks
2016	21528	1872
2017	21743	1891
2018	21961	1910
2019	22180	1929
2020	22402	1948
2021	22626	1967
2022	22852	1987
2023	23081	2007
2024	23312	2027
2025	23545	2047
2026	23780	2068
2027	24018	2089
2028	24258	2109
2029	24501	2131

Predicted 2028 Auto ADT	Predicted 2028 Truck ADT
24501	2131



Attachment D
Day-Night Level Electronic Assessments

Notice (/site-wide-banners/notice/)

Due to the lapse in Congressional Appropriations for Fiscal Year 2019, the U.S. Department of Housing and Urban Development (HUD) is closed. This website is supported by a cooperative agreement funded under a prior appropriation. Current functions will remain operational but no new functions will be added during the lapse in appropriations. For more information, see **HUD Contingency Plan for Possible Lapse in Appropriations** (<https://www.hud.gov/sites/documents/HUDCONTINGENCYPLANFINAL.PDF>).

[Home \(/\)](#) > [Programs \(/programs/\)](#) > [Environmental Review \(/programs/environmental-review/\)](#) > [DNL Calculator](#)

DNL Calculator

WARNING: HUD recommends the use of Microsoft Internet Explorer for performing noise calculations. The HUD Noise Calculator has an error when using Google Chrome unless the cache is cleared before each use of the calculator. HUD is aware of the problem and working to fix it in the programming of the 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	1-10105
Record Date	01/09/2019
User's Name	ACTIE ...

AS II Environmental NAL I

Road # 1 Name: **E Jefferson**

Road #1

Vehicle Type	Cars <input checked="" type="checkbox"/>	Medium Trucks <input checked="" type="checkbox"/>	Heavy Trucks <input checked="" type="checkbox"/>
Effective Distance	65	65	65
Distance to Stop Sign			
Average Speed	35	35	35
Average Daily Trips (ADT)	24501	1066	1065
Night Fraction of ADT	15	15	15
Road Gradient (%)			2
Vehicle DNL	66.4902	62.8759	73.3047
Calculate Road #1 DNL	74.4649	Reset	

Add Road Source

Add Rail Source

Airport Noise Level

Loud Impulse Sounds?

Yes No

Combined DNL for all Road and Rail sources

74.4649

Combined DNL including Airport

N/A

Site DNL with Loud Impulse Sound

Calculate

[Calculate](#)

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

RESUME

ASTI ENVIRONMENTAL



ASHLEIGH CZAPEK Associate I/Architectural Historian

PROFILE

Certifications

36 CFR Part 61 Qualified as an Architectural Historian
HUD 3-day CFR24 Part 58 Environmental Review Process Training, 2017
40-Hour HAZWOPER training as per 29 CFR 1910.120(e)

Education

Eastern Michigan University, M.S. Historic Preservation 2016
Western Michigan University, B.S. Psychology 2008

Experience History

Associate I, Property Services Group, ASTI Environmental
Graduate Assistant, Michigan State Historic Preservation Office

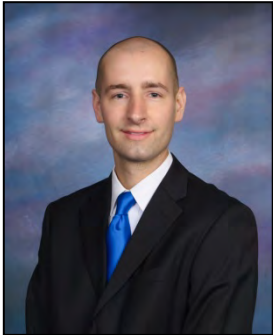
Professional Background

Ms. Czapek has experience researching, writing and reviewing Section 106 SHPO applications. She has contributed to a number of National Register of Historic Places nominations, as well as researching and writing the National Register of Historic Places Nomination for the Glaister House in Lansing, MI. She also prepares Phase I Environmental Site Assessment reports, Transaction Screen Reports, Environmental Assessments, Environmental Review Records, Statutory Checklists and other NEPA related documents.

Years Experience: 1 - ASTI
 2 - GOVERNMENT

RESUME

ASTI ENVIRONMENTAL



ANTHONY LLOYD SPENCER
Associate II

PROFILE

Certifications/Training

Environmental Professional (AAI)
40-Hour OSHA HAZWOPER Training
HUD Basic Environmental Training, August 2012

Education and Training

Wayne State University, B.S., Environmental Science, Minor, Geology, May 2011

Experience History

Associate II, 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:

6 --- ASTI
2 --- other agencies

10.9 MSHDA Phase I Letter of Reliance

February 21, 2018

PRIVILEGED AND CONFIDENTIAL

Mr. Dan Lince
Environmental Manager
Rental Development Division
Michigan State Housing Development Authority
735 E. Michigan Avenue
Lansing, Michigan 48912

RE: Phase I ESA for: 2.8 Acres of Vacant Land, 7850 E. Jefferson Ave., Detroit, MI, ASTI
Project 1-10105 dated February 21, 2019

Dear Mr. Lince:

Please find enclosed the Phase I Environmental Site Assessment (ESA) for the subject property dated February 21, 2019 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 was 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 2018.

Sincerely,

ASTI Environmental



Anthony Spencer, EP
Associate II

10.10 Copy of Environmental Professional Insurance Certificate



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

7/25/2018

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Daly Merritt Insurance 3099 Biddle Avenue Wyandotte MI 48192		CONTACT NAME: Sandy Watterson PHONE (A/C. No. Ext): (734) 283-1400 E-MAIL ADDRESS: sandy.watterson@dalymeritt.com FAX (A/C. No): (734) 283-1197	
INSURED Applied Science & Technology Inc. dba ASTI Environmental 10448 Citation Drive, Suite 100 Brighton MI 48116		INSURER(S) AFFORDING COVERAGE INSURER A: Westchester Surplus Lines INSURER B: Cincinnati Insurance Co. INSURER C: Accident Fund Ins. Co. of Am. INSURER D: INSURER E: INSURER F:	
		NAIC # 10172 10677 10166	

COVERAGES

CERTIFICATE NUMBER: CL1872515507

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			G24038002 011	8/6/2018	8/6/2019	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 Employee Benefits \$ 1,000,000
B	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS			EBA0159852	8/6/2018	8/6/2019	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ Uninsured motorist combined \$ 1,000,000
A	<input type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$			G24038014 011	8/6/2018	8/6/2019	EACH OCCURRENCE \$ 7,000,000 AGGREGATE \$ 7,000,000
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	WCV8009416	8/6/2018	8/6/2019	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
A	Contractors Pollution Professional Liability			G24038002 011	8/6/2018	8/6/2019	Ea Poll Condition/Gen Agg \$1M/\$2M Each Claim/Gen Agg \$1M/\$2M

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Michigan State Housing Development Authority is named as Additional Insured, ATIMA.

CERTIFICATE HOLDER

Michigan State Housing Development Author
 735 East Michigan Avenue
 Lansing, MI 48909

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Wally Merritt/SWATTE

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TAB ATTACHMENTS

1. Phase I ESA, NHT Consulting, 9-11-07
2. Phase II ESA, NHT Consulting, 10-12-07
3. Limited Subsurface Investigation, ASTI Environmental, 4-25-17
4. Due Care Memo, ASTI Environmental, 5-3-17

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**