PHASE I ENVIRONMENTAL SITE ASSESSMENT

FORMER FEDERAL MOGUL FACILITY
11031 SHOEMAKER STREET
DETROIT, MICHIGAN 48213

PREPARED FOR:
CITY OF DETROIT
DEMOLITION DEPARTMENT
1301 THIRD STREET, SUITE 606
DETROIT, MI 48226

PREPARED BY:
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DLZ PROJECT NO.: 2242-7533-05

DLZ
ARCHITECTURE • ENGINEERING • PLANNING
SURVEYING • CONSTRUCTION SERVICES

JUNE 22, 2023

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SIGNATURE 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 the nature, history, and setting of the Subject Property. I have developed and performed the appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

The professional resume for the Environmental Professional(s) involved with the preparation of this report is included in **Appendix A**.

Scott G. Park, CPG
Environmental Department Manager

Date: June 22, 2023

TABLE 1
PHASE I ESA SIGNIFICANT DATES

Source	Date
Interview with User	June 12, 2023
Interview with Key Site Manager	Not Applicable
Interview with Owner/Operator	Not Applicable
Initiated Review of Regulatory Database Information	May 16, 2023
Initiated Review of Historical Sources	May 16, 2023
Site Reconnaissance	June 15, 2023

ACRONYMS

AAI	All Appropriate Inquiry
AST	Aboveground Storage Tank
ASTI	ASTI Environmental
ASTM	American Society for Testing and Materials International
AUL	Activity and Use Limitation
BSEED	Detroit Building, Safety, Engineering, and Environmental Department
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability information System
CFR	Code of Federal Regulations
CORRACTS	RCRA Corrective Action Sites
CREC	Controlled Recognized Environmental Condition
DEA	Department of Environmental Affairs
DLZ	DLZ Michigan, Inc.
EDR	EDR Lightbox®
EHD	Environmental Health Division
EGLE	Michigan Department of Environment, Great Lakes, and Energy
EPA	United States Environmental Protection Agency
ESA	Environmental Site Assessment
ETP	Expanded Triage Program
FINDS	Facility Index System
FOIA	Freedom of Information Act
GNRCC	Generic Non-Residential Cleanup Criteria
GPR	Ground Penetrating Radar
GRCC	Generic Residential Cleanup Criteria
GSIP	Groundwater Surface Water Interface Protection
HREC	Historical Recognized Environmental Condition
LARA	Michigan Department of Licensing and Regulatory Affairs
LUST	Leaking Underground Storage Tank
MDEQ	Michigan Department of Environmental Quality
MSG	Mannik & Smith Group, Inc.
NAPL	Non-Aqueous Phase Liquids
NFA	No Further Action
NFR	No Further Remediation
NFRAP	No Further Response Action Planned
NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List
NRDC	Non-Residential Direct Contact
NREPA	Natural Resources and Environmental Protection Act
PCB	Polychlorinated Biphenyls
PID	Photoionization Detector
PNA	Polynuclear Aromatic Hydrocarbon
RCRA	Resource Conservation and Recovery Act
RDC	Residential Direct Contact

ACRONYMS (continued)

REC	Recognized Environmental Condition
RIASL	Residential Interim Action Screening Level
RRD	Remediation and Redevelopment Division
SDBL	Statewide Default Background Level
SQG	Small Quantity Generator
SVIAI	Soil Volatilization to Indoor Air Inhalation
SVOC	Semi-Volatile Organic Compound
SWRCY	Solid Waste Recycling Facilities
TCE	Trichloroethene
USDA	United States Department of Agriculture
USGS	United States Geological Survey
UST	Underground Storage Tank
VEC	Vapor Encroachment Condition
VOCs	Volatile Organic Compounds

EXECUTIVE SUMMARY

DLZ Michigan Inc. (DLZ) was retained by the City of Detroit Demolition Department to conduct a Phase I Environmental Site Assessment (ESA) for the property located at 11031 Shoemaker, Detroit, Wayne County, Michigan (Parcel ID #21003300.001). The commercial site shall hereinafter be referred to as the Subject Property.

A Phase I ESA was conducted in general accordance with ASTM Standard Practice E1527-13 and constitutes "all appropriate inquiry into the previous ownership and uses of the Subject Property consistent with good commercial or customary practice," as defined at 42 USC §9601(35)(B). The Phase I ESA was conducted to identify recognized environmental conditions (RECs) that may exist, or may have historically existed, on or in relation to the Subject Property.

The Subject Property consists of approximately 9.89 acres of land which contains remnants of a 58,220 square foot building. The Subject Property was presumably residential in use prior to 1921. The Subject Property was used for various industrial purposes beginning in circa 1921. Occupants of the Subject Property included, but were not limited to, Candler Radiator Company, Federal Mogul Corporation, Ernst Fuel and Supply Company, Federal Mogul Bower Bearings Inc., 6-M, and the Detroit Water and Sewerage Department. The industrial uses of the Subject Property included machine shops, soldering, lead foundries, babbitting, a garage, fuel supply, warehouses, a coal yard, dynamometer, an oil house, powerhouse, a transformer room, refuse burner, and railroad spurs.

DLZ has performed this Phase I ESA of the Subject Property in general conformance with the scope and limitations of ASTM Practice E1527-13. Any exceptions to, or deletions from, this practice are described in the appropriate sections of this report. This assessment has revealed the following RECs, controlled RECS, or significant data gaps in connection with the Subject Property:

- The historical industrial use of the Subject Property represents a REC.
- The presence of unlabeled, deteriorated drums in the basement of the Subject property building represents a REC.
- The presence of a soil pile from an unknown source on the Subject Property represents a REC.
- The presence of infilled pits, trenches, and basins represent RECs.
- The historical presence of railroad spurs on the Subject Property represents a REC.
- The documented presence residual impacted soil on the Subject Property related to LUST releases represents a REC.
- The presence of arsenic, lead, copper, and PNAs in site soils at concentrations exceeding EGLE cleanup criteria as documented in the 2011 Phase II ESA represents a REC.
- The documented presence of contaminants found during the DLZ 2019 Phase II ESA, including lead at concentrations which exceed concentrations characteristic of hazardous waste, represents a REC.

- The documented presence of contaminants found during the 2020 Triage investigation, including the possible presence of NAPL, represents a REC.
- The potential for abandoned USTs to remain on the Subject Property represents a REC.
- The historical industrial use, as well as the documented presence of contamination on the east/southeast adjoining property (11081 Shoemaker Street) represents a REC.
- The historical presence of manufacturing, municipal garage and storage yard, and an incinerator on the east/northeast adjoining property (5865 St. Jean Street) represents a REC.
- The south adjoining DDOT Bus Facility is considered a REC due to the proximity to the Subject Property and the open status of the LUST releases.
- The north adjoining property (11002 Hern Street) is considered a REC due to the historical presence of a garbage and refuse incinerator.
- The inability to observe the interior of the Subject Property building in its entirety during the site reconnaissance constitutes a significant data gap.
- The inability to conduct an owner/occupant interview constitutes a significant data gap.

1.0 INTRODUCTION

DLZ Michigan Inc. (DLZ) was retained by the City of Detroit Demolition Department to conduct a Phase I Environmental Site Assessment (ESA) for the property located at 11031 Shoemaker, Detroit, Wayne County, Michigan (Parcel ID #21003300.001). The commercial site shall hereinafter be referred to as the Subject Property.

The Subject Property consists of approximately 9.89 acres of land located in a primarily industrial and residential area, within the city limits of Detroit. The Subject Property is located north of Shoemaker Street and south of the Edsel Ford Freeway (I-94) between Fairview Street and St. Jean Street. A legal description for the Subject Property is provided in **Appendix B**. **Figure 1** depicts the location of the Subject Property.

1.1 PURPOSE

The purpose of a Phase I ESA is to identify recognized environmental conditions (RECs), as defined by ASTM Standard Practice E1527-13. The Phase I ESA conducted in general accordance with ASTM Standard Practice E1527-13 constitutes "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice," as defined at 42 USC §9601(35)(B). This Phase I ESA was performed at the request of the City of Detroit Demolition Department prior to demolition of the structure(s) at the Subject Property for the purpose of eliminating blight.

1.2 LIMITATIONS AND EXCEPTIONS

The findings and professional opinions conveyed in this Phase I ESA are based in part on information obtained from a variety of outside sources enumerated herein. DLZ did not verify the accuracy of that information, and cannot and does not guarantee its authenticity, accuracy, or reliability.

This Phase I ESA is not a comprehensive site characterization and should not be construed as such. The professional opinions presented in this report are based on the findings from the visual site reconnaissance, review of specified regulatory records and historical sources, and information obtained through personal interviews. The availability and quality of site documentation limit the regulatory agency and site history review. Undocumented or unauthorized releases of hazardous materials, the remains of which are not readily identifiable by visual inspection, are very difficult and often impossible to detect within the Scope of Services.

Limitations associated with data gaps are discussed in **Section 6.0**. Additional limitations, if any, are discussed **Section 9.0** and in the appropriate sections of this report.

1.3 SPECIAL TERMS AND CONDITIONS

There were no special terms or conditions included in the scope of services for this Phase I ESA. It should be noted that this Phase I ESA was conducted in accordance with ASTM E1527-13 prior to demolition of the structure(s) on the Subject Property. As such, the conclusions and recommendations included in this report pertain to the proposed demolition and not to acquisition or development of the Subject Property, as is typical of Phase I ESAs.

1.4 USER RELIANCE

The services described in this report were performed consistent with generally accepted practices. No other warranty, express or implied, is made. This Phase I ESA is not a guaranty that there is no subsurface contamination, nor can it be warranted that any areas of environmental concern noted in this report are the only areas of potential contamination at the Subject Property.

This Phase I ESA was prepared by DLZ for the exclusive use of the City of Detroit Demolition Department and the findings and professional opinions presented in this report by DLZ are solely for the use and information of the City of Detroit Demolition Department at the time the report was completed and may not be relied upon by third parties. Any reliance on this report by a third party is at such party's sole risk. With the written permission of the City of Detroit Demolition Department, DLZ will meet with a third party to identify additional services required, if any, to rely on the information contained in this report, as allowed under Section 4.6 of ASTM E1527-13.

The Phase I ESA for the Subject Property was initiated on May 16, 2023, and is valid until November 12, 2023. If reliance upon the report is to occur after this date, an update of the parcel specific information, as required by the current ASTM E1527 standard, will be necessary. If reliance upon this Phase I ESA report is to occur after May 16, 2024, then a new Phase I ESA in accordance with the current ASTM E1527 standard will be required.

2.0 USER-PROVIDED INFORMATION

The User of the Phase I ESA, as defined by ASTM Standard E1527-13, is the City of Detroit Demolition Department. A User Questionnaire was completed by Mr. Hosam Hassanien, PG, CPG, Environmental Specialist III with the City of Detroit Building, Safety Engineering and Environmental Department (BSEED) Environmental Affairs Division on June 12, 2023 on behalf of the User. The purpose of the questionnaire was to obtain information regarding the User's knowledge of the Subject Property. A copy of the User Questionnaire is included in **Appendix C**.

2.1 TITLE RECORDS

The User did not provide DLZ with land title records for the Subject Property.

2.2 ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS

Environmental Liens and Activity and Use Limitations (AULs) can provide an indication of a past or present release of a hazardous substance or petroleum product. Mr. Hassanien indicated that the User was not aware of environmental liens or AULs on the Subject Property.

2.3 SPECIALIZED KNOWLEDGE

Mr. Hassanien reported that the User has no specialized knowledge or experience related to the Subject Property and surrounding areas. Mr. Hassanien also stated that the City of Detroit has never owned or operated the Subject Property, and that the Subject Property is of a large vacant/abandoned industrial nature.

2.4 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

Mr. Hassanien indicated that the User is aware the Subject Property was formerly occupied by Federal Mogul for industrial manufacturing purposes, and that all past uses are not currently known.

Mr. Hassanien stated that, based on a Triage limited subsurface investigation report prepared by Michigan Department of Environment, Great Lakes, and Energy (EGLE) Remediation and Redevelopment Division (RRD) and dated February 15, 2022, the User is aware the subsurface soil across the Subject Property was identified to be impacted with various volatile organic compounds (VOCs), chlorinated VOCs, and polynuclear aromatic hydrocarbons (PNAs) at concentrations exceeding one or more of the EGLE Generic Residential Cleanup Criteria (GRCC) and Generic Non-Residential Cleanup Criteria (GNRCC). Mr. Hassanien also stated that based on this report, it appears that spills and chemical releases previously occurred across the property from different sources. A summary of the Triage report is included in **Section 4.3.8**.

2.5 PRESENCE OR LIKELY PRESENCE OF CONTAMINATION

Mr. Hassanien indicated that the User is not aware of any obvious indicators that point to the presence or likely presence of contamination and/or releases at the Subject Property.

2.6 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

A valuation of the Subject Property is not applicable for this project.

2.7 REASON FOR PERFORMING PHASE I ESA

This Phase I ESA was prepared for the User to identify RECs as defined by ASTM Standard Practice E1527-13 prior to demolition of the Subject Property building for the purpose of eliminating blight.

3.0 SITE RECONNAISSANCE

3.1 METHODOLOGY AND LIMITING CONDITIONS

A site reconnaissance was conducted by Mr. Daniel McNeely and Ms. Danielle Wilcox, Environmental Scientists with DLZ, on June 15, 2023. During the site reconnaissance, DLZ walked the periphery of the Subject Property and systematically traversed the remainder of the Subject property to examine the ground surface to reduce gaps in observation. At the time of the site reconnaissance, the Subject Property building was in a state of disrepair and was primarily viewed from its exterior. A portion of the building near Shoemaker Street was entered including a basement area. No second-floor areas were entered.

In addition, the Subject Property was viewed from all adjacent public thoroughfares, and adjoining properties were observed to the extent practical from the Subject Property and public thoroughfares adjacent to the Subject Property. Site reconnaissance photographs are presented as **Appendix D**. An owner's representative did not accompany DLZ during the site reconnaissance.

3.2 OBSERVATIONS

The following table summarizes the observations made during the site visit. Sections following the table provide added details of DLZ's observations.

TABLE 2
SITE RECONNAISSANCE OBSERVATIONS

Observation	Yes	No
Current Use(s) of the Subject Property	X	
Past Use(s) of the Subject Property	X	
Current and Past Uses of Adjoining Properties	X	
Current or Past Uses in Surrounding Area	X	
Geologic, Hydrogeologic, Hydrologic, and Topographic Conditions	X	
Structures and Other Improvements at the Subject Property	X	
Roads	X	
Potable Water Supply/Sources for the Subject Property	X	
Sewage Disposal System for the Subject Property	X	
Hazardous Substances or Petroleum Products in Connection with Identified Uses	X	
Storage Tanks		X
Strong, Pungent, or Noxious Odors		X
Standing Surface Water and Pools or Sumps Containing Liquids Likely to be Hazardous Substances or Petroleum Products		X
Drums, Totes, and Intermediate Bulk Containers	X	
Hazardous Substances & Petroleum Product Containers Not in Connection with Identified Uses		X
Unidentified Substance Containers		X
PCB-Containing Items		X
Heating/Cooling		X
Stains or Corrosion on Floors, Walls, or Ceilings		X
Drains and Sumps		X
Pits, Ponds, or Lagoons		X
Stained Soil or Pavement		X
Stressed Vegetation		X
Solid Waste	X	
Water/Wastewater		X
Wells		X
Septic Systems or Cesspools		X

3.2.1 Current Use(s) of the Subject Property

At the time of the site reconnaissance, the Subject Property consisted of vegetative cover on the western and central portions and an abandoned Federal Mogul plant which is in an advanced state of decay. DLZ's observations of the buildings and the immediate surrounding areas are discussed below. At the time of the site reconnaissance, the buildings were vacant.

Main Building

This building was constructed of a steel frame with a brick exterior and a concrete floor and contained an office area at the southern end along Shoemaker Street, and a manufacturing area north of the former office. The interior of the building was severely deteriorated and significant holes were observed in walls and ceilings of the structure. The second floor was not accessed, and some areas of the first floor were not accessed due to safety concerns. The interior of many areas contained various debris including bricks, collapsed ceilings, and other building materials.

Powerhouse

The brick foundation and smokestack were all that remained of the former powerhouse, with the interior of the former structure now filled with bricks adjacent to the smokestack. Significant quantities of debris were located in the vicinity of the former Powerhouse.

Guard House

This building was a small fire-damaged brick structure southeast of the Main Building. The building was open and accessible at the time of DLZ's site reconnaissance, but dangerous and debris-filled and was therefore not entered.

Exterior Areas

The Subject Property was partially fenced with eight-foot-tall chain-link fencing. Several areas lacked fencing and only fence posts remained. Concrete slabs/building foundations were observed in many areas in the northern and western portion of the Subject Property, which correspond to former building locations per historical records. Large piles of debris were intermixed with concrete paved areas in the northern portion of the Subject Property. Debris included bricks, concrete, and wood debris. A vegetated area was observed in the northeast portion of the Subject Property near the Detroit Terminal Railroad, which borders the Subject Property to the northeast. A large soil pile was also present in the north-central portion of the Subject Property. Additional features were observed such as former machine pads, pits, basins, and trenches as described further in **Appendix D.**

3.2.2 Past Use(s) of the Subject Property

Remnants of historical activities (e.g. building foundations) as observed during the site reconnaissance appeared consistent with recorded site history. Past uses of the Subject Property other than those discussed in **Section 4.3** were not identified during the site reconnaissance.

3.2.3 Current and Past Uses of Adjoining Properties

At the time of the site reconnaissance, observed uses of the properties adjoining the Subject Property are summarized as follows:

North:	Unused incinerator and stack, parking lot
East:	Former commercial property, active construction site
South:	Shoemaker Bus Terminal, residential and vacant lot, across Shoemaker Street
West:	Vacant and occupied residential dwellings

3.2.4 Current or Past Uses in Surrounding Area

At the time of the site reconnaissance, the area surrounding the Subject Property contained mixed land uses consisting of an incinerator to the north, beyond the north-adjoining Detroit Terminal Railroad. Residential areas surround the Subject Property to the west and south, and the Detroit Department of Transportation Shoemaker Bus Terminal is located south-southeast of the Subject Property. Stockpiled soil and construction activity were present on the east-adjoining property.

3.2.5 Geologic, Hydrogeologic, Hydrologic, and Topographic Conditions Observed

The general topography of the Subject Property and area immediately surrounding the Subject Property appeared to be generally flat.

3.2.6 Structures and Other Improvements at the Subject Property

At the time of the site reconnaissance, there were portions of two abandoned structures, a large smokestack, concrete slabs, railroad tracks, and debris piles observed at the Subject Property. An abandoned guardhouse remains east of the main building at the Subject Property. Stormwater infrastructure was observed in the ground throughout the Subject Property.

3.2.7 Roads

Access to the Subject Property is available via Shoemaker Street, which abuts the south/southeastern boundary of the Subject Property. Access is also available via Olga Street in the northwest corner of the Subject Property.

3.2.8 Potable Water Supply/Source for the Subject Property

Water supply is available to the Subject Property through the Great Lakes Water Authority municipal water system.

3.2.9 Sewage Disposable System for the Subject Property

Sewerage is available at the Subject Property through the Great Lakes Water Authority and Detroit Water and Sewerage Department's municipal sewer system.

3.2.10 Hazardous Substances or Petroleum Products in Connection with Identified Uses

DLZ observed approximately 100 rusted 55-gallon drums in the basement of the southern portion of the Subject Property building. Most of the drums appeared to be empty and many contained stickers indicating the drums contained hazardous waste. A deteriorated drum which had rusted and collapsed was observed in this area.

3.2.11 Drums, Totes, and Intermediate Bulk Containers

See **Section 3.2.10** for a discussion of observed drums. No totes or intermediate bulk containers were observed during the site reconnaissance.

3.2.12 Solid Waste

During the site reconnaissance, DLZ observed piles of debris including bricks, concrete, and wood throughout the central and northern portions of the Subject Property. The presence of the debris piles does not represent a REC. DLZ did not observe obvious evidence that the Subject Property had been filled or graded by non-natural causes suggesting trash, construction debris, demolition debris, or other solid waste disposal.

4.0 RECORDS REVIEW

4.1 PHYSICAL SETTING SOURCE(S)

The following physical setting sources were reviewed to assist in the preparation of this Phase I ESA.

4.1.1 Current Topographic Map

The current USGS Topographic Map for the Subject Property (Grosse Pointe, MI 2019) was reviewed as a part of the topographic maps package provided by EDR Lightbox® (EDR). Based on review of current and historical topographic maps, the Subject Property is located at an approximate elevation of 604 feet above mean sea level. A discussion of the current and historical topographic maps is presented in **Section 4.3.4**.

4.1.2 Geologic Information

EDR provided geologic information for the general area of the Subject Property. The information provided indicates that the rock stratigraphic unit in the area of the Subject Property area consists of Paleozoic Era, Devonian System, Middle Devonian Series.

Geologic maps of Michigan showing the bedrock and glacial geology of the state were reviewed on the EGLE website (https://www.deq.state.mi.us/GeoWebFace/). The bedrock map indicates that the bedrock in the Subject Property area consists of Middle Devonian age Dundee Limestone. The glacial map indicates that glacial deposits in Wayne County near the Subject Property consist primarily of post-glacial lacustrine clay and silt and lacustrine sand and gravel deposits.

4.1.3 Soil Composition

According to the EDR Radius Map Report, the dominant soil composition in the Subject Property area is Pewamo loam, which is classified as a hydric soil.

The United States Department of Agriculture (USDA) soil survey website (Web Soil Survey (usda.gov) documents that the soil composition on the Subject Property consists of Urban land-Riverfront complex which consists of urban land (80%), Riverfront, dense substratum, and similar soils (19%), and minor components (1%), and Kibbie-Urban land-Colwood complex which consists of Kibbie, human transported surface, and similar soils (40%), urban land (35%), Colwood, human transported surface, and similar soils (20%), and minor components (5%).

4.1.4 Hydrogeologic Information

Based on the topography search area, the EDR Radius Map Report estimated that the general topographic gradient at the Subject Property is generally to the east. EDR documented that the general direction of groundwater flow was documented to be to the north at two sites located approximately 1/4-1/2 miles south-southeast of the Subject Property. Site-specific hydrogeologic information for Old Mack Stamping Plant located 1.25 miles west-northwest of the Subject Property documents that the site is underlain by glacial deposits that may have small localized sandy lenses that contain groundwater. Clay soils that act as a confining layer overlie the bedrock aquifer. The groundwater flow direction measured in additional wells, located 1/2-1 mile north-northwest of the Subject Property, was reported to be to the east in 1994.

4.2 ENVIRONMENTAL RECORD SOURCES

EDR was retained to provide a database search report of the readily available specified ASTM standard federal, state, and tribal record sources to at least the approximate minimum search distance, as identified in ASTM E1527-13; as well as readily available additional federal, state, and tribal record sources. The additional sources were searched within a specified minimum search established by EDR. A copy of the EDR Radius Map Report is provided in **Appendix E**.

EDR identified 83 sites of known or potential environmental concern within the ASTM approximate minimum search distance and/or the EDR-specified minimum search distance of the Subject Property. DLZ evaluated sites identified on the Subject Property and/or adjoining properties, if any, as well as sites identified in the surrounding area for their potential to impact the Subject Property. These findings are discussed below:

4.2.1 Subject Property

The Subject Property was identified by EDR as *City of Detroit, Federal-Mogul Site, Former Federal Mogul (City of Detroit), and Federal-Mogul Corporation* (EDR Map IDs 1-8), and was listed on the LUST, AUL, Brownfields, Inventory, WDS, FINDS, ECHO, UST, Lead Smelters, SEMS, and PRP databases. The EDR Radius Map report documents a leaking underground storage tank (LUST) release on August 31, 2004 (Leak # 13743) and on June 1, 2005 (Leak # C-0376-04), the status of which are open. EDR indicated ten USTs were registered to the Subject Property and were removed in 2005. The USTs included six 12,000-gallon quench oil tanks, one 12,000-gallon honing oil tank, one 12,000-gallon hydraulic oil tank, one 12,000-gallon tank of unreported substance, and one 12,000-gallon used oil tank. According to the Inventory database, risks are present and require action in the short-term. The Lead Smelters database information provided by EDR reports trichloroethene (TCE) contamination resulting from primary metals/mineral processing. EDR noted that the Subject Property is not listed on the National Priorities List. Two Activities and Use Limitations (AULs) have been filed for the Subject Property. A summary of subsurface investigations completed at the Subject Property can be found in **Section 4.3.8**.

4.2.2 Adjoining Properties

There were four adjoining properties identified by EDR in the standard federal, state, and tribal, and/or additional environmental records searched. Detailed summaries of these sites are provided below:

Former Gas Station; Weber S Service; MI Dept/Natural Resources and Environment, 11000 Shoemaker Street (EDR Map IDs 9-12)

The southwest adjoining property lies beyond the intersection of Fairview Street and Shoemaker Street and was identified by EDR on the LUST, UST, Inventory, RCRA NONGEN/NLR, WDS, and EDR Hist Auto databases. The EDR Radius Map Report indicated that this site contains 16 open LUST incidences which were reported in 2003 and included unknown substance, gasoline, undescribed substance, and waste oil. EDR reported eight non-registered USTs on the site: one hydraulic oil tank of unreported capacity, one unknown substance tank of unreported capacity, one 1,000-gallon fuel oil tank, one 1000-gallon waste oil tank, one 280-gallon alcohol tank, one 1,000-gallon gasoline tank, one 2,000-gallon gasoline tank, and one 3,000-gallon gasoline tank. According to the Inventory database, risks are controlled for the interim. The MI Dept/Natural Resources and Environment site is classified as a verified non-generator as of September 3, 2003.

Jack S Standard Service, 11255 Shoemaker Street (EDR Map ID 13)
The southeast adjoining property was identified by EDR on the EDR Hist Auto database. The EDR Radius Map report indicated that this site may potentially have generated waste due to its historical use as a gasoline station in 1964. The EDR report and standard historical sources document a filling station on this site in the 1950s and 1960s; however, based on review of historical Sanborn maps, the filling station was located over 300 feet east of the Subject Property boundary. Additionally, no releases have been documented in association with the filling station.

Hern Yard, 11002 Hern Street (EDR Map ID 17)
The north adjoining property was identified by EDR on the LUST, UST, Financial Assurance, and WDS databases. EDR indicated two underground storage tanks to have been present at the site. In 1991, one 2,000-gallon diesel tank was removed from ground. Currently, one 2,000-gallon diesel tank is in use. The EDR Radius Map Report documented that this site contains two closed LUST incidences in 1991.

DDOT Bus Facility; DOT Shoemaker Rehab City of Detroit; City of Detroit; DDOT Shoemaker Garage, 11200 Shoemaker Street (EDR Map IDs 25-28)
The south adjoining property was identified by EDR on the US Brownfields, FINDS, RCRA-VSQG, ECHO, LUST, UST, Inventory, and Financial Assurance databases. The EDR Radius Map Report indicated that this site contains 14 open LUST incidences. One incident of unreported substance and one incident of unknown substance were reported in 1999. One incident of unreported substance and one incident of unknown substance were reported in 2000. Two incidents of released diesel were reported in 2001. Two incidents of released diesel and two incidents of released used oil were reported in 2002. Two incidents of released diesel were reported in 2003. Two incidents of released diesel were reported in 2018. EDR indicated 20 USTs to have been present at the site. One 1,000-gallon water tank and two 10000 gasoline tanks were removed from ground in 1999. One 5000-gallon used oil tank was removed from ground in 2002. In 2003, three 25,000-gallon diesel tanks, one 12,000-gallon gasoline tank, one 10,000-gallon engine oil tank, one 10,000-gallon transmission oil tank, and one 2,500-gallon antifreeze tank were removed from ground, and one 25,000-gallon diesel tank was closed in place. Five 25,000-gallon diesel tanks, one 10,000-gallon diesel tank, one 550-gallon diesel tank, and one 12,000-gallon gasoline tank are currently in use. The Michigan Inventory indicated that risks are present and immediate at this site.

St. Jean Brush Burner; St. Jean Incinerator, 5865 St. Jean Street (EDR Map IDs 35-37)
The northeast adjoining property was identified by EDR on the Hist LF database. The EDR Radius Map report indicated that this site may have generated waste due to its historical use as an incinerator plant.

4.2.3 Surrounding Properties

DLZ evaluated the surrounding properties identified in the EDR Radius Map Report, based on the distance from the Subject Property, regulated activities documented on the site, local topography, the estimated or documented groundwater flow direction, and the information provided by EDR to assess the potential for migration of hazardous substances or petroleum products via soil, groundwater, or vapors to the Subject Property. Sites identified as RECs, if any, are discussed in **Section 7.0**.

4.3 HISTORICAL USE INFORMATION

Historical documents used to ascertain prior uses and occupants of the Subject Property were acquired through EDR and online sources. Information obtained from these sources is discussed in the following sections.

4.3.1 Aerial Photographs

Historical aerial photographs for the Subject Property were obtained from EDR for review. Copies of the aerial photographs are provided as **Appendix F** and a summary of the aerial photography is provided below. The scale of each of the photographs is 1" = 500'. Please note that specific details regarding the Subject Property are not able to be determined based on the scale and/or resolution of the aerial photographs.

TABLE 3
SUMMARY OF HISTORICAL AERIAL PHOTOGRAPHS

Year	Source	Comments
1937	USDA	Two large buildings appear to be present on the west side of the Subject Property. Several smaller buildings may be present east of the large buildings. However, individual details are difficult to discern due to the resolution of this aerial photograph. Railroad tracks appear to be present along the northeastern property boundary.
1949, 1952, 1956, 1961, 1967, 1972, 1981, 1987, 1997, 1999, 2005	DTE, USDA/NAIP	The building on the southern portion of the Subject Property appears to have expanded. An additional large building appears to be present northwest of the south building, and several smaller buildings and apparent exterior storage appears to be present throughout the remainder of the Subject Property. A parking area appears to be present on the northeastern portion. Exposed soil appears to be present on the northernmost portion of the Subject Property.
2009	USDA/NAIP	The eastern portion of the large building which was present on the southern portion of the Subject Property appears to remain present. A small building appears to be present on the southwestern portion of the Subject Property, near Shoemaker Street. The structures on the northern half of the Subject Property no longer appear to be present and exposed concrete appears to be present throughout this area. The northeastern portion appears to be vegetated.
2012	USDA/NAIP	This aerial photograph is similar to the 2009 photograph. However, the exterior of the Subject Property has irregular shading and visible paths which may signify exterior storage or mounding.
2016, 2020	USDA/NAIP	These aerial photographs appear similar to the 2009 photograph. However, the exterior of the Subject Property appears to be partially light in color and partially covered with vegetation.

4.3.2 Fire Insurance Maps

Historical Sanborn maps for the Subject Property were obtained from EDR for review. Copies of the Sanborn maps are provided as **Appendix G** and a summary of the Sanborn maps is provided below. Please note that specific details regarding the Subject Property may not be able to be determined based on the scale and/or resolution of the Sanborn maps.

TABLE 4
SUMMARY OF HISTORICAL SANBORN MAPS

Year	Comments
1921	The southern portion of the Subject Property contains a structure labeled "Candler Radiator Co." which is identified as a manufacturer of sheet metal goods. A machine shop is identified in the southernmost portion of the building, with the remainder identified as a "Soldering Press Room." The entire facility is identified as having a concrete floor. The northern portion of the Subject Property is not included on the Sanborn Map. A residential dwelling is present east of the Subject Property. "Allan Brothers" is present to the east of the residential dwelling and includes lumber warehousing and coal storage areas.
1929	The western portion of the Subject Property is identified as "Federal Mogul Corporation – Plant No. 1" which includes the former Candler Radiator Co building, as well as a large addition to the north which houses a Lead Foundry and Babbiting Room. The machine shop has been substantially expanded to the north and west, including an addition to the west of the original Candler Radiator structure. A small garage is also present on the central portion of the property. Ernst Fuel and Supply Company is present on the southeast portion of the Subject Property and includes an office structure with storefronts and a scale along Shoemaker Avenue. A lime and cement warehouse, brick storage building, sand and gravel piles, coal piles, a garage (with auto repair), stable and wagon house are depicted on the central portion of the Subject Property. A machine shop is identified on the northernmost portion of the Subject Property. This portion of the property is labelled as part of a Stone Contractor's Yard. The Subject Property also appears to encroach on the City of Detroit – Department of Public Works General Storage Yard, which is located north of the machine shop. A house and associated garage adjoin the Subject Property to the east, followed by a store and A.T. Allan Co., which maintains substantially similar operations to Allan Brothers (1921). Adjoining properties to the west are identified as residential dwellings, as well as a City of Detroit public works storage yard and stone contractor's yard. The "City of Detroit Department of Street Railways Shoemaker Car Barns" and a residence are present south of the Subject Property, across Shoemaker Avenue. A filling station adjoins the Subject Property to the southwest, across Shoemaker Avenue.

TABLE 4
SUMMARY OF HISTORICAL SANBORN MAPS

Year	Comments
1941	The western and northwestern portions of the Subject Property are now developed with several additional structures and features. The lead foundry has been relocated to the north, and a laboratory and dynamometer building have also been constructed, with an oil house identified south of the dynamometer building. Sand storage, two oil tanks and an oil pump house are present north of the new lead foundry. Ernst Fuel and Supply Co. is located on the southeastern portion of the Subject Property, and a split railroad spur runs between the Federal Mogul plant and the Ernst Fuel and Supply Co. buildings. Sand and gravel piles and coal piles are depicted on the northeastern portion of the Subject Property. The machine shop previously depicted on the northern portion of the Subject Property is no longer present. The "Federal Mogul Corporation – Plant No. 2" is now identified east of the Subject Property, with a 20,000-gallon fuel oil tank and pump house located east of Plant No. 2. Railroad tracks run along the northeastern border of the Subject Property. The City of Detroit Department of Water Supply garage and warehouse adjoin the Subject Property to the northeast. A City of Detroit garbage and refuse incinerator is present northeast of the Subject Property.
1950, 1952	An addition has been built on the east side of the Federal Mogul Plant No. 1, approximately doubling the size of the main building, and Ernst Fuel and Supply is no longer present on the Subject Property. A powerhouse and refuse burner are now identified in the northeastern portion of the Subject Property, and a concrete tunnel is shown connecting the main building with the powerhouse. A transformer room is connected to the east side of the powerhouse. Adjoining properties appear similarly to the previous Sanborn Map (1941).
1957	In general, the Subject Property and surrounding area appear similar to the 1950 and 1952 Sanborn Maps. The former Federal Mogul Corporation – Plant No. 1 building is now referred to as Federal Mogul Bower Bearings Inc. A coal yard remains present on the northeastern portion of the Subject Property. Four railroad spurs extend onto the northern portion of the Subject Property, and one extends through the property to the main building. The Edsel Ford Expressway (Interstate-94) is located less than ¼ mile north of the Subject Property. The City of Detroit public works storage yard is no longer present north of the Subject Property.
1962	The Subject Property and surrounding area appear similar to the 1957 Sanborn Map. A.T. Allan Co. is no longer identified east of the Subject Property. A Wayne County Road Commission garage is identified north of the Subject Property, beyond the Detroit Terminal Railroad.
1978	The former Federal Mogul Bower Bearings Inc. main building is now indicated as "6-M" and the east adjoining former Plant No. 2 is identified as vacant. The former filling station is no longer present east of the Subject Property at the northwest corner of St. Jean Street and Shoemaker Street. The incinerator is no longer identified northeast of the Subject Property.
1989	The Subject Property and surrounding area appear similar to the 1978 Sanborn Map. The east adjoining building is now identified as Detroit Water and Sewerage Department, and the northern portion of the former Federal Mogul facility is now vacant. Several former industrial facilities in the vicinity of the Subject Property are no longer present. The filling station remains present on the southwestern adjoining property, across Shoemaker Avenue.
1991, 1996, 2002	The Subject Property and surrounding area appear similar to the 1989 Sanborn Map. The main building previously indicated as "6-M" is now identified as vacant.

4.3.3 Local Street Directories

A City Directory Report was obtained from EDR for the Subject Property address: 11031 Shoemaker Street and the surrounding property addresses. The EDR City Directory Report contained city directory information from Polk's City Directory for Shoemaker Street and Saint Jean Street available for the years 1916, 1921, 1926, 1931, 1935, 1940, and 1942. City directory information from Bresser's Cross-Index Directory Company for Shoemaker Street and Saint Jean Street was available for the years 1957, 1962, 1967, 1972, 1977, 1982, and 1987. City directory information from Cole Information for Shoemaker Street and Saint Jean Street was available for the years 1992, 1995, 2000, 2005, 2010, 2014, and 2017. City directory information from the EDR Digital Archive for Shoemaker Street and Saint Jean Street was available for the year 2020. A copy of the EDR City Directory report is provided in **Appendix H**. A detailed description of the city directory information for the Subject Property is provided below:

TABLE 5
SUMMARY OF HISTORICAL LOCAL STREET DIRECTORIES

Year	Occupants
1916	Properties along Shoemaker near Lillibridge were not listed. DLZ was unable to confirm if the Subject Property lay between property addresses in the city directory.
1921	Subject property not listed in city directory.
1926, 1931, 1935, 1940, 1954, 1957, 1962, 1967	Subject Property listed under Federal-Mogul Corp, signifying industrial use.
1972	Subject Property listed under Bower Roller Bearings, signifying industrial use.
1977	Subject Property listed under Century Truss CD and Electroless Plating, signifying industrial use.
1982, 1987, 1992, 1995, 2000, 2005, 2010, 2014, 2017, 2020	Subject Property not listed in city directory.

4.3.4 Topographic Maps

USGS Topographic maps of the Subject Property and surrounding area were obtained from EDR. Copies of the historical topographic maps are provided as **Appendix I** and a summary of each map is provided below:

TABLE 6
SUMMARY OF HISTORICAL TOPOGRAPHIC MAPS

Year	Scale	Map Name	Comments
1905, 1918	15-Minute Map	Grosse Pointe, Detroit	A small structure is depicted on the southern portion of the Subject property, near Shoemaker Street. Conners Creek is present east of the Subject Property and may have encroached on the northeastern portion of the property. In general, development in the Subject Property area is sparse.

TABLE 6
SUMMARY OF HISTORICAL TOPOGRAPHIC MAPS

Year	Scale	Map Name	Comments
1924, 1934	15-Minute Map	Detroit	The Subject Property is not depicted on the map.
1936	7.5-Minute Map	Grosse Pointe, Detroit	It appears that the only buildings depicted on this topographic map are schools. No buildings are shown on the Subject Property. Railroad tracks are present along the northeastern boundary of the Subject Property.
1938, 1940	7.5-Minute Map	Grosse Pointe, Belle Isle, Detroit, Highland Park	Two large buildings and several smaller buildings are shown on the Subject Property. Railroad spurs are depicted on the northern portion of the Subject Property and extend to the southern portion of the property.
1952	7.5-Minute Map	Grosse Pointe, Belle Isle, Detroit, Highland Park	Two large buildings are depicted on the western portion of the Subject Property. Several railroad spurs are present on the central and northern portions of the Subject Property. The Subject Property and surrounding area are shaded pink, signifying a built-up area.
1968, 1973, 1980, 1983	7.5-Minute Map	Grosse Pointe, Belle Isle, Detroit, Highland Park	A large building is present on the western portion of the Subject Property. Railroad tracks are present along the northeastern border of the Subject Property and railroad spurs extend onto the Subject Property.
2014, 2017	7.5-Minute Map	Grosse Pointe, Belle Isle, Detroit, Highland Park	Only public service structures are included on the current topographic map. No public service structures are depicted on the Subject Property. The aforementioned railroad spurs are no longer present.

In reviewing historical topographic maps from 1905 to 2019, the topography depicted has varying degrees of detail. However, this is likely due to the change in technology which was used to create the maps. In reviewing the historical topographic maps, DLZ observed evidence of changes in elevation contouring on the northern portion of the property that may indicate the potential presence of fill material or dumping on the Subject Property.

4.3.5 Building Department and Fire Department Records

On May 18, 2023, DLZ submitted a FOIA request with the City of Detroit Law Department to view BSEED and Fire Department records pertaining to the Subject Property. To date, DLZ has not received a response to this request. However, DLZ had access to historical building and Fire Department records from previous assessments completed at the Subject Property. As the building records and Fire Department records provided for review were intermingled and often complimented each other, records from the two separate agencies are discussed together in this section. Copies of Fire Department and BSEED records which indicate the locations of USTs are included in **Appendix J**.

Records dated August 8, 1940 and September 7, 1940 document installation of a 1,000-gallon UST. The August 1940 record documents the UST was located in the rear of the plant. Installation of a 6,000-gallon gasoline UST was documented on September 28, 1960. A record dated September 29, 1960 documents

removal of a 1,000-gallon UST and indicates a new 4,000-6,000-gallon UST was to be installed in its place; south of the test building. On April 17, 1962, a 6,000-gallon quench oil UST was relocated on the Subject Property. Five 12,000-gallon USTs (two quench oil tanks, one honing oil tank, one lube tank, and one mineral spirits tank) were installed on the Subject Property on May 8, 1962. The tanks were located in a courtyard area east of Building #6. Pumps for the USTs were located against the inside north wall of Building #1. The installation record states that the purpose of the USTs is to "dispense with the problem of drum storage." Notes on the installation record indicate that the two quench oil USTs were moved from a prior location. Inspection records from March 19, 1974 and April 4, 1975 document the presence of one 6,000-gallon gas tank and one 12,000-gallon mineral spirit tank on the Subject Property. On March 25, 1976, Parks Installation Company removed one 6,000-gallon gasoline UST from the Subject Property. An inspection record from November 13, 1989 documents the presence of diesel fuel contained in a 5-gallon drum and two 270-gallon ASTs.

4.3.6 Property Tax Files

On May 18, 2023, DLZ submitted a FOIA request with the City of Detroit Law Department to view historical City of Detroit assessment record cards pertaining to the Subject Property. To date, DLZ has not received a response to this request. However, DLZ had access to historical assessment records from previous assessments of the Subject Property, which were provided by the City of Detroit Assessor's Office. The parcel identification number for the Subject Property is 21003300.001. Assessment records indicate that the Subject Property consists of 9.89 acres of land with a gross building area of 248,120 square feet. Property buildings were documented as constructed in 1937, 1943, 1946, and 1956. A copy of the current assessment record for the Subject Property is included in **Appendix B**.

DLZ obtained current information regarding the Subject Property through the City of Detroit Parcel Viewer website (https://detroitmi.gov/webapp/city-detroit-parcel-viewer). The website documents that property class is Industrial Vacant and the taxpayer is the City of Detroit. A screenshot of the information presented regarding the Subject Property on the Parcel Viewer website, including the legal description, is included as **Appendix B**.

4.3.7 Zoning/Land Use Records

DLZ obtained current zoning information from the City of Detroit zoning map found on their website: zmap 25 better made.pdf (detroitmi.gov). According to the City of Detroit zoning map, the Subject Property is zoned M4: Intensive Industrial District.

4.3.8 Previous Reports Summary

A summary of prior assessments completed on the Subject Property was provided in a United States Environmental Protection Agency (EPA) Pollution/Situation Report dated June 6, 2013. The following is the summary provided in that report. DLZ did not confirm that all prior investigations were included in this summary.

In 2003, the Traverse Group conducted a Phase I Environmental Site Assessment for the city of Detroit Department of Environmental Affairs (DEA). The report concluded the site was operated as an industrial facility by Federal-Mogul Corporation, Bower Bearing Manufacturers, and Ernst Realty Company/Ernst Fuel & Supply Company from 1925 until the 1970s.

In 2006, 13 soil samples were collected upwind and downwind of 11031 Shoemaker Street for the Michigan DEQ Detroit Lead Assessment Project. Of the 13 samples collected, only 2 were found to be greater than 400 mg/kg of lead in soil; the average was 183 mg/kg. In addition, the city of Detroit DEA contracted Camp Dresser & McKee to perform a Phase II Environmental Site Assessment (ESA) at 11031 Shoemaker Street (Subject Property). The Phase II data showed analytical results for 63 lead samples, 6 were found to be greater than 400 mg/kg and the average was 197 mg/kg. The 2006 final report stated "...Because lead concentrations downwind and on-site were not indicative of smelting operations, no further action is recommended at the site related to lead concentrations above Residential/Commercial I Direct Contact Criteria."

In 2008, a Notice of Corrective Action was recorded with the Wayne County Register of Deeds (Document No. 2008.348947) for the former Federal-Mogul property indicating that a corrective action (MDEQ Reference No.: NCA-RRD-213-08-003) was completed by the Federal-Mogul Corporation. The corrective action addressed hazardous substances including polynuclear aromatics, trichloroethylene, and polychlorinated biphenyl that were released from an underground storage tank farm at the site. The corrective action removed all 10 USTs and approximately 4,240 tons of contaminated soil. The Notice of Corrective Action states that soil contamination remains present at levels on the site that do not allow for unrestricted use of the property within the area of the UST cleanup.

In 2011, ASTI Environmental for Shoemaker Industrial Park, an investment group, conducted another Phase II on the 11031 Shoemaker Street property. The Executive Summary indicated that the following RECs were identified during completion of a Phase I ESA on the Subject Property by AKT Peerless Environmental & Energy Services in June 2009: machine shops, coal yard, railroad spurs, garage, repair garage, boiler room, lead foundry, babbitting room, dynamometer, oil house, oil pump house, USTs, machine pits, oil-water separators, stained soils and concrete, adjoining railroad tracks, and adjoining site uses. To evaluate the RECs identified in the Phase I ESA, ASTI Environmental (ASTI) supervised the completion of 41 soil borings on the Subject Property which was documented in a Phase II ESA dated April 28, 2011. Soil analytical results revealed concentrations of total arsenic, copper, and lead above Generic Residential Cleanup Criteria (GRCC) for direct contact at select sample locations. Soil samples from 7 borings were found to have concentrations of lead greater than 400 mg/kg, and the average was 214 mg/kg of lead in soil. Total lead was also reported above the Non-Residential Cleanup Criteria in three soil samples. PNAs were detected above GRCC for direct contact at one sample location. PNAs were detected below the applicable GRCC at several other sample locations. Soil sample analytical results for PCBs were non-detect. Soil analytical results for VOCs reported concentrations below the applicable GRCC in several soil samples collected.

In 2012, the EPA collected samples and conducted x-ray fluorescence (XRF) screening at 10 residential homes along the western property line of 11031 Shoemaker Street. The sampling found lead levels in soil above the 400 mg/kg residential direct contact criteria in 9 of 10 yards; the average was 676 mg/kg. Conclusion: While the Detroit Lead Assessment Project's aerial deposition study and the two on site studies do not indicate lead smelting or a widespread off-site release, the site history and EPA's Remedial investigation indicate the lead contamination in residential yards directly abutting the property migrated from Federal-Mogul operations through localized cross contamination, soil migration, or process exhaust.

A Memo from the Michigan Department of Environmental Quality (MDEQ) dated April 27, 2006 states the following: The property is 14.5-acres and contains one building constructed in 1946, totaling 66,405-square feet. The building was formerly used as an industrial manufacturing storage warehouse. A confirmed release under Part 213, Leaking Underground Storage Tanks, of the Natural Resources and Environmental Protection Act, Act 451 of 1994, as amended, was reported for the site on May 31, 2005. In November 2005, 10 underground storage tanks (USTs) were removed. Holes were observed to be present in the tanks at the time of removal. The USTs, which stored cutting and quench oils, were assumed to be the source of the release due to holes observed in the tanks. In November 2005, the tanks, their contents, and associated soil and water were properly removed and disposed off-site. According to file records, some residual impacted soil may remain on-site and additional environmental assessment activities may be needed. This site is also believed to be a potential lead smelting facility operated by Federal Mogul who formally owned the property. The property is currently owned by the city of Detroit and is being used by the city as a transfer station for their Department of Public Works.

In 2018, DLZ completed a Phase I ESA at the Subject Property, and in 2019 completed a Limited Phase II ESA at the Subject Property along with the adjoining property to the east (11081 Shoemaker Street). Findings of DLZ's 2019 Limited Phase II ESA revealed the following:

- Metals, Semi-Volatile Organic Compounds (SVOCs), and VOCs were detected in soil samples that exceeded the Statewide Default Background (SDB) and the Groundwater Surface Water Interface Protection (GSIP) Criteria.
- Arsenic, cadmium, copper, lead, and benzo(a)pyrene concentrations in soil exceeded Residential Direct Contact (RDC) Criteria. Copper, lead, and benzo(a)pyrene concentrations also exceeded Nonresidential Direct Contact (NRDC) Criteria.
- Concentrations of VOCs (Trichloroethylene, 1,2,4-Trimethylbenzene, and 1,3,5-Trimethylbenzene) and mercury in soil exceeded Residential and Nonresidential Interim Action Screening Levels (RIASLs).
- VOC concentrations in soil exceeded the Residential and Nonresidential Soil Volatilization to Indoor Air Inhalation (SVIAI) Criteria.
- Of the twelve shallow composite soil samples collected by DLZ for waste characterization purposes, three samples were determined to be characteristically hazardous for lead.

A copy of the DLZ Phase II ESA completed in April 2019 (text, figures, and tables only) is included in **Appendix K.** A complete copy of the Phase II ESA can be provided upon request.

On January 12-14, 2022, The Mannik & Smith Group, Inc. (MSG) performed subsurface Ground Penetrating Radar (GPR) and drilled and sampled fifteen soil borings in the southwestern portion of the Subject Property for EGLE under EGLE's 2019 Environmental Expanded Triage Program (ETP). The soil samples were field screened for total (undifferentiated) VOCs using a photoionization detector (PID). Five (5) soil samples were selected for oleophilic dye testing to evaluate the presence of non-aqueous phase liquids (NAPL). One (1) of the five (5) dye-tested soil samples [SB-14 (5ft)] yielded a positive result for the presence of NAPL. Thirteen unique soil samples (plus one duplicate) were also collected by MSG and submitted to Fibertec for laboratory analysis of VOCs and PNAs. VOCs were detected above EGLE GRCC

in 7 of the 13 soil samples, and PNAs were detected above EGLE GRCC in 1 of the 8 soil samples. No metals analysis was performed for these samples. A copy of the Triage Report and GPR survey (text, figures and tables) are included in **Appendix L.** Complete copies of the reports can be provided upon request.

4.4 HISTORICAL USE INFORMATION ON ADJOINING PROPERTIES

During review of the standard historical sources cited in **Section 4.3**, DLZ reviewed the obvious uses of the adjoining properties to evaluate the likelihood that past uses of the adjoining properties have led to RECs in connection with the Subject Property. The following is a summary of the historical uses of the adjoining properties documented in the standard historical sources:

TABLE 7
HISTORICAL USE OF ADJOINING PROPERTIES

Adjoining Property	Year	Comments
North 11191 Shoemaker St	1921	Property listed under Allan Bros Coal.
	1937-1956	Railroad throughway
	1961	Disturbed earth appears to be present in the boundaries of this property in an aerial photograph.
	1962-1967	A structure appears to be present along the west boundary.
	1968-1987	The aforementioned railroad is no longer present.
	1997-2020	There appears to be another structure adjacent to the east of the aforementioned structure.
Northeast 5865-5901 Saint Jean St	1929-1937	City of Detroit Department of Water Supply; Detroit Creamery Company added in 1935
	1941-1972	Detroit City Engineering Department Garbage and Refuse Incinerator; City of Detroit – Department of Public Works; Handlons garage (1962).
	1978	The incinerator and public works buildings are no longer present. The Detroit Creamery has been replaced with the City of Detroit Truck Rep.
	1981-2020	All structures have been demolished. A large parking lot takes up most of the adjoining property.
East 5600 Saint Jean St	1937	There appears to be one structure within the boundaries of the adjoining property; however, no details can be reliably discerned due to the quality of the aerial photograph.
	1940-1982	National Broach and Machine Co
	1987-2020	Only northern building remains under the Samaritan Health Center administration office. The southern half appears to have been converted into two parking lots. As of 1996, the building has been labeled as public.

TABLE 7
HISTORICAL USE OF ADJOINING PROPERTIES

Adjoining Property	Year	Comments
East-southeast 11411 Shoemaker St	1937-2020	Due to the size of the parcel in comparison to the resolution of all aerial photographs, no details could be reliably discerned regarding the historical use of this property. The adjoining property address was not registered in city directory reports provided.
Southeast 5300 Saint Jean St	1929-1952	Glass sash and door warehouse (store fixture facility). Listed as vacant in 1940 city directory.
	1957-2020	Heating and furnace warehouse. Labeled as vacant as of 1978.
South 11081-11255 Shoemaker St	1921	Allan Brothers lumber yard, including lumber piles, warehouse, coal shed, and scales; City of Detroit cement warehouse
	1926-1937	The property is labeled as A.T. Allan Co. lumber and coal yard. The cement warehouse no longer present. The property contains a garage, seven silos, and other structures. The 1931 city directory lists Ernst Fuel & Supply Company, Scherlie Sheet Metal Works, a barber, and a restaurant under these address numbers. Three vacant lots are listed alongside the aforementioned businesses except for the barber in the 1935 city directory. Individual details cannot be discerned from the 1937 aerial photograph.
	1940-1957	A.T. Allan Co. still present. Federal-Mogul Corporation bearings factories present on the west quadrant of the parcel. A leather goods manufacturer and coupling company are listed in the 1940 city directory. A.T. Allan only business listed in 1954 city directory.
	1961-1967	Parking; filling station; service station
	1972-1987	The aforementioned filling station appears to no longer be present. This is documented on the 1978 Sanborn Map, which also labels the Federal-Mogul factory as vacant.
	1989-2005	The Federal-Mogul factory is no longer vacant. The structure is labeled under the Detroit Water and Sewerage Department.
	2009-2020	Vacant parcel
South-southwest 11200 Shoemaker St	1921	Sanborn Map coverage only provides for the northeast corner of the parcel. One dwelling, a stable, and a glass roof structure appear on the Sanborn Map.
	1926-1952	This address is listed under the City of Detroit Department of Street Rys. The former dwelling is now a store. Structures for an office and miscellaneous supplies are depicted. Several large items (likely busses) are visible throughout the parcel on the 1937 aerial photograph. On the 1949 aerial photograph, a fleet of busses appear on the photograph, linking the site to be used as a bus garage. The former store is depicted as an office on the 1950 map.

TABLE 7 HISTORICAL USE OF ADJOINING PROPERTIES		
Adjoining Property	**Year**	**Comments**
	1956-2009	The aforementioned office appears to no longer be present on the property. The office is not documented on the 1957 Sanborn Map and the space where it once occupied is labeled as parking.
	2012-2020	A small structure on the southern portion of the property has been replaced with a larger rectangular structure to its east.
Southwest 11044 Shoemaker St	1916-2020	Dwelling
West-southwest 11021 Shoemaker St	1921-2020	Vacant
West 5522-5720 Fairview St	1929-2020	Residential
West-Northwest 5644 Montclair St	1937-2020	Vacant
Northwest 11121 Shoemaker St	1937-1956	There appears to be one structure on the northwest corner, extending into the north adjacent property.
	1961-1997	The structure is no longer present.
	2005-2020	Wooded with cement on southern portion of the parcel

4.5 DATA FAILURE

Data failure is defined as a failure to achieve the historical research objective set forth in ASTM Standard Practice E1527-13 Sections 8.3.1, even after reviewing the standard historical resources in ASTM E1527-13 Sections 8.3.4.1 through 8.3.4.8 that are reasonably ascertainable and likely to be useful. The objective of compiling and analyzing historical property information is to help identify the likelihood of past uses having led to RECs in connection with the Subject Property. A data failure can occur when trying to identify historical uses at approximately five-year intervals back to the first use or 1940, whichever is earlier, if this leads to the historical research objective not being met.

The earliest historical source reviewed was a topographic map dated 1905 which depicted a small building on the Subject Property, along Shoemaker Street. The size and location of the building suggests it may have been a house, however residential usage could not be confirmed. Therefore, the first developed use of the Subject Property was not documented through review of standard historical sources, resulting in data failure.

5.0 INTERVIEWS

5.1 KEY SITE MANAGER

The Subject Property is currently vacant; therefore, no key site managers were interviewed during the completion of this Phase I ESA

5.2 OCCUPANT(S)

The Subject Property is currently vacant; therefore, no occupants were interviewed during the completion of this Phase I ESA.

5.3 PAST OWNERS, OPERATORS, AND OCCUPANTS

Past owners, operators, and occupants were not available to interview during completion of this Phase I ESA.

5.4 INTERVIEWS WITH LOCAL GOVERNMENT OFFICIALS

Information from state and/or local governmental officials was obtained through FOIA requests. Therefore, interviews were not conducted. Records obtained through the FOIA requests submitted to state government officials are discussed in **Section 4.2** and records obtained through FOIA requests to local government officials are summarized in **Section 4.3**.

6.0 DATA GAPS

A data gap is considered a lack of or inability to obtain information required by the ASTM Standard Practice E1527-13 despite good faith efforts by DLZ to gather such information. A data gap in and of itself is not considered significant. The following data gaps were identified during completion of this Phase I ESA:

- Data failure encountered due to inability to identify the first developed use of the Subject Property.
- The inability to observe the interior of the Subject Property building during the site reconnaissance.
- Incomplete information/documentation regarding the environmental history of the Subject Property was also discovered during the FOIA process and represents a data gap.

7.0 FINDINGS AND OPINIONS

DLZ has completed a Phase I ESA of the Subject Property, which is located at 11031 Shoemaker Street, Detroit, Wayne County, Michigan. At the time of the site reconnaissance, the Subject Property was vacant and primarily comprised of dilapidated buildings and some concrete-covered areas across 9.89 acres.

DLZ evaluated the current and historical use of the Subject Property and adjoining properties through regulatory database records, standard historical resources, and site observations to determine the potential presence of RECs associated with the Subject Property. In the professional opinion of DLZ, this Phase I ESA was conducted in general accordance with ASTM Standard Practice E1527-13 and constitutes "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice," as defined at 42 USC §9601(35) (B).

In accordance with ASTM E1527-13, DLZ's findings of this Phase I ESA and DLZ's professional opinion of the impact of these findings on the Subject Property are as follows:

- The Subject Property was presumably residential in use prior to 1921. The Subject Property was used for various industrial purposes beginning circa 1921. Occupants of the Subject Property included, but were not limited to, Candler Radiator Company, Federal Mogul Corporation, Ernst Fuel and Supply Company, Federal Mogul Bower Bearings Inc., 6-M, and the Detroit Water and Sewerage Department. The industrial uses of the Subject Property included machine shops, soldering, lead foundry, babbitting, a garage, fuel supply, warehouses, a coal yard, a laboratory, a dynamometer, an oil house, and a powerhouse with a transformer room, and refuse burner. The historical use of the Subject Property for the aforementioned industrial purposes represents a REC.
- During the site reconnaissance of the interior of the Subject Property building, DLZ observed approximately 100 rusted 55-gallon drums in the basement of the southern portion of the Subject Property building, including a deteriorated drum which had rusted and collapsed. Most of the drums appeared to be empty and many contained stickers indicating the drums contained hazardous waste. The presence of unlabeled, deteriorated drums in the basement of the Subject property represents a REC.
- During the site reconnaissance of the exterior areas of the Subject Property, significant quantities of debris were observed in the vicinity of the former powerhouse. The exterior of the property also included large piles of debris intermixed with concrete paved areas in the northern portion of the Subject Property, a soil pile from an unknown source, portions of three abandoned structures, a large smokestack, concrete slabs, railroad tracks, an abandoned guardhouse, and evidence of infilled pits, trenches, and basins. The presence of a soil pile from an unknown source, the smokestack associated with a former powerhouse, railroad tracks, and infilled pits, trenches, and basins represent RECs.
- In addition to the railroad tracks observed during the site reconnaissance, railroad spurs were depicted on the Subject Property on historical Sanborn maps. The historical presence of railroad spurs on the Subject Property represents a REC, due to the common practice of fueling and herbicide and pesticide use in the vicinity of railroad spurs.
- In 2006, a Phase II ESA was completed on the Subject Property to assess for lead impacts to onsite soils. The Phase II ESA data showed analytical results for 63 lead samples; six of which were found to be greater than 400 mg/kg. The 2006 final report concluded that no further action was recommended related to lead concentrations above Residential/Commercial I Direct Contact Criteria. The presence of lead in onsite soils at concentrations exceeding EGLE cleanup criteria represents a REC.

- A memo from the MDEQ, RRD dated April 27, 2006 indicates that a confirmed release was reported for the Subject Property on May 31, 2005. In November 2005, ten USTs which were used to store cutting and quench oils were removed. Holes were observed in the tanks at the time of removal. The USTs, their contents, and associated soil and water were reportedly properly removed and disposed off-site. MDEQ reported that some residual impacted soil may remain onsite and additional environmental assessment activities may be needed. The documented presence residual impacted soil related to LUST releases represents a REC.
- In 2008, a Notice of Corrective Action was recorded with the Wayne County Register of Deeds for the former Federal-Mogul property indicating that a corrective action was completed by the Federal-Mogul Corporation. The corrective action addressed hazardous substances including polynuclear aromatics, trichloroethylene, and polychlorinated biphenyls that were released from an underground storage tank farm at the site. The corrective action included the removal of all 10 USTs and approximately 4,240 tons of contaminated soil. The Notice of Corrective Action states that soil contamination remains present at levels on the site that do not allow for unrestricted use of the property within the area of the UST cleanup. The presence of the aforementioned contaminated soil on the Subject Property represents a REC.
- A Phase II ESA completed on the Subject Property in 2011 included the collection of soil samples from 41 soil borings. Soil analytical results for metals included concentrations of total arsenic, copper, and lead above Generic Residential Cleanup Criteria (GRCC) for direct contact in select sample locations. Total lead was also reported above the Non-Residential Cleanup Criteria in three soil samples. PNAs were detected above GRCC for DC at one sample location. PNAs were detected below the applicable GRCC at several other sample locations. Soil sample analytical results for PCBs were non-detect. Soil analytical results for VOCs included concentrations below the applicable GRCC in several soil samples collected. The presence of arsenic, lead, copper, and PNAs in onsite soils at concentrations exceeding EGLE cleanup criteria represents a REC.
- In 2018, DLZ completed a Phase I ESA at the Subject Property, and in 2019 completed a Limited Phase II ESA at the Subject Property to investigate the findings of the Phase I ESA. Findings of DLZ's 2019 Limited Phase II ESA revealed the following: Metals, SVOCs, and VOCs were detected in soil samples that exceeded the SDB and the GSIP Criteria; arsenic, cadmium, copper, lead, and benzo(a)pyrene concentrations in soil exceeded RDC Criteria; copper, lead, and benzo(a)pyrene concentrations also exceeded NRDC Criteria; Concentrations of VOCs (Trichloroethylene, 1,2,4-Trimethylbenzene, and 1,3,5-Trimethylbenzene) and mercury in soil exceeded RIASLs; VOC concentrations in soil exceeded the Residential and Nonresidential SVIAI Criteria; and of the twelve shallow composite soil samples collected by DLZ for waste characterization purposes, three samples were determined to be characteristically hazardous for lead.
- On January 12-14, 2022, MSG and drilled and sampled fifteen soil borings on the Subject Property under EGLE's 2019 Environmental Expanded Triage Program. The soil samples were field screened for total (undifferentiated) VOCs using a PID. One (1) of the five (5) dye-tested soil samples [SB-14 (5ft)] yielded a positive result for the presence of NAPL. Thirteen unique soil samples were also collected by MSG and submitted to Fibertec for laboratory analysis of VOCs and PNAs. VOCs were detected above EGLE GRCC in 7 of the 13 soil samples, and PNAs were detected above EGLE GRCC in 1 of the 8 soil samples.

- As part of the 2022 Triage investigation, Worksmart performed a subsurface GPR on the southwestern portion of the Subject Property. No anomalies were identified on the southwestern portion of the Subject Property.
- Detroit Fire Department and BSEED records indicated the historical presence of at least nine USTs and two ASTs on the Subject Property. Because the documents did not consistently reference the UST locations and/or identification numbers, it is unknown whether all of the USTs have been removed from the Subject Property. The potential for abandoned USTs to remain on the Subject Property represents a REC.
- EDR identified the Subject Property on the LUST, AUL, Brownfields, Inventory, WDS, FINDS, ECHO, UST, Lead Smelters, RGA LUST, SEMS, and PRP databases. LUST releases were documented on August 31, 2004 (Leak # 13743) and on June 1, 2005 (Leak # C-0376-04), and both remain open. Ten 12,000-gallon USTs were registered to the Subject Property and were removed in 2005. According to the Inventory database, risks are present and require action in the short-term. The Lead Smelters database information reports TCE contamination resulting from primary metals/mineral processing on the Subject Property. In addition, two Activities and Use Limitations (AULs) have been filed for the Subject Property. Activity and use limitations are in place for the Subject Property based on the documented presence of PNAs, TCE and PCBs. The documented presence of PNAs, TCE, and PCBs in soils on the Subject Property represents a REC.
- The east/northeast adjoining properties have historically been used for lumber warehousing, coal storage, manufacturing, and City of Detroit Department of Water Supply garage and storage yard, including an incinerator. EDR identified a Hist LF site on the northeast adjoining property (5865 St. Jean Street). The historical presence of manufacturing, municipal garage and storage yard, and an incinerator on the east/northeast adjoining property represents a REC.
- The east/southeast adjoining property (11081 Shoemaker Street) was historically used as part of the Federal Mogul facility. The historical industrial use, as well as the documented presence of contamination on the east/southeast adjoining property represents a REC.
- EDR identified the southeast adjoining property (11255 Shoemaker Street) on the EDR Hist Auto database. The EDR report and standard historical sources document a filling station on the southeast adjoining parcel in the 1950s and 1960s; however, based on review of historical Sanborn maps, the filling station was located over 300 feet east of the Subject Property boundary. Additionally, no releases have been documented in association with the filling station. Based on this information, the historical use of the southeast adjoining property as a filling station does not constitute a REC.
- EDR identified the DDOT Bus Facility on the south adjoining property (11200 Shoemaker Street) on the US Brownfields, FINDS, RCRA-VSQG, ECHO, LUST, UST, Inventory, and Financial Assurance databases. EDR documented that this site contains 14 open LUST incidences and 20 USTs registered on the Subject Property. One UST was closed in place, 11 were removed from the ground, and eight are currently in use. The south adjoining property is considered a REC due to the proximity to the Subject Property and the open status of the LUST releases.

- EDR identified the southwest adjoining property (11000 Shoemaker Street) on the LUST, UST, Inventory, RCRA NONGEN/NLR, WDS, and EDR Hist Auto databases. The EDR Radius Map Report indicated that this site contains two open LUST incidences which were reported in October 2003. EDR indicated eight non-registered USTs to have been present at the site which contained hydraulic oil, fuel oil, waste oil, alcohol tank, gasoline, and an unknown substance. According to the Inventory database, risks are controlled for the interim. Based on the status of the site and the distance from the Subject Property boundary, the southwest adjoining site does not constitute a REC.
- The north adjoining property (11002 Hern Street) was identified by EDR on the LUST, UST, Financial Assurance, and WDS databases. Standard historical sources documented use of the north adjoining property included the Detroit Creamery, a City of Detroit garbage and refuse incinerator, and a Wayne County Road Commission garage. EDR indicated that this site contains two closed LUST incidences reported in 1991. EDR indicated two diesel USTs have been present at the site. In 1991, one 2,000-gallon diesel tank was removed from ground. Currently, one 2,000-gallon diesel tank is in use. Based on the provided information, LUST incidences do not appear to represent a REC; however, the historical presence of a garbage and refuse incinerator on the north adjoining site constitutes a REC.
- In addition to the sites discussed above, EDR identified 69 additional sites of known or potential contamination to be in the vicinity of the Subject Property. Based on the information contained in the EDR Radius Map Report and the distance from the Subject Property, it is the opinion of DLZ that the remaining EDR Map ID sites do not constitute RECs with regard to the Subject Property.
- Limited access to portions of the Subject Property during the site reconnaissance because of debris and structurally unsafe conditions represents a data gap. The inability to observe the interior of the Subject Property building in its entirety during the site reconnaissance constitutes a significant data gap.
- The inability to conduct an owner/occupant interview was identified as a data gap. Due to the historical industrial use of the Subject Property, this data gap is considered to be significant.
- A data gap was identified due to incomplete information/documentation regarding the environmental history of the Subject Property obtained during the FOIA process. Due to the subsurface investigations completed on the Subject Property between 2019 and 2022, this data gap is not considered to be significant.
- A data gap was identified due to due to the inability to confirm the first developed use of the Subject Property. In this professional opinion of DLZ, this data gap is not significant.

8.0 CONCLUSIONS

DLZ has performed this Phase I ESA of the Subject Property in general conformance with the scope and limitations of ASTM Practice E1527-13. Any exceptions to, or deletions from, this practice are described in the appropriate sections of this report. This assessment has revealed the following evidence of RECs, controlled RECS, or significant data gaps in connection with the Subject Property:

- The historical industrial use of the Subject Property represents a REC.
- The presence of unlabeled, deteriorated drums in the basement of the Subject property represents a REC.
- The presence of a soil pile from an unknown source on the Subject Property represents a REC.
- The presence of infilled pits, trenches, and basins represent RECs.
- The historical presence of railroad spurs on the Subject Property represents a REC, due to the common practice of fueling and herbicide and pesticide use in the vicinity of railroad spurs.
- The documented presence residual impacted soil on the Subject Property related to LUST releases represents a REC.
- The presence of arsenic, lead, copper, and PNAs in site soils at concentrations exceeding EGLE cleanup criteria as documented in the 2011 Phase II ESA represents a REC.
- The documented presence of contaminants found during the DLZ 2019 Phase II ESA, including lead at concentrations which represent hazardous waste, represents a REC.
- The documented presence of contaminants found during the 2020 Triage investigation, including the possible presence of NAPL, represents a REC.
- The potential for abandoned USTs to remain on the Subject Property represents a REC.
- The historical industrial use, as well as the documented presence of contamination on the east/southeast adjoining property (11081 Shoemaker Street) represents a REC.
- The historical presence of manufacturing, municipal garage and storage yard, and an incinerator on the east/northeast adjoining property (5865 St. Jean Street) represents a REC.
- The south adjoining DDOT Bus Facility is considered a REC due to the proximity to the Subject Property and the open status of the LUST releases.
- The north adjoining property (11002 Hern Street) is considered a REC due to the historical presence of a garbage and refuse incinerator.
- The inability to observe the interior of the Subject Property building in its entirety during the site reconnaissance constitutes a significant data gap.
- The inability to conduct an owner/occupant interview was identified as a significant data gap.

9.0 LIMITING CONDITIONS/DEVIATIONS

There were no deviations from the original scope of work, apart from the limitations and data gaps discussed within the body of this report.

10.0 ADDITIONAL SERVICES

No additional services were requested regarding this Phase I ESA. Additional services provided by DLZ at this property are provided under separate cover.

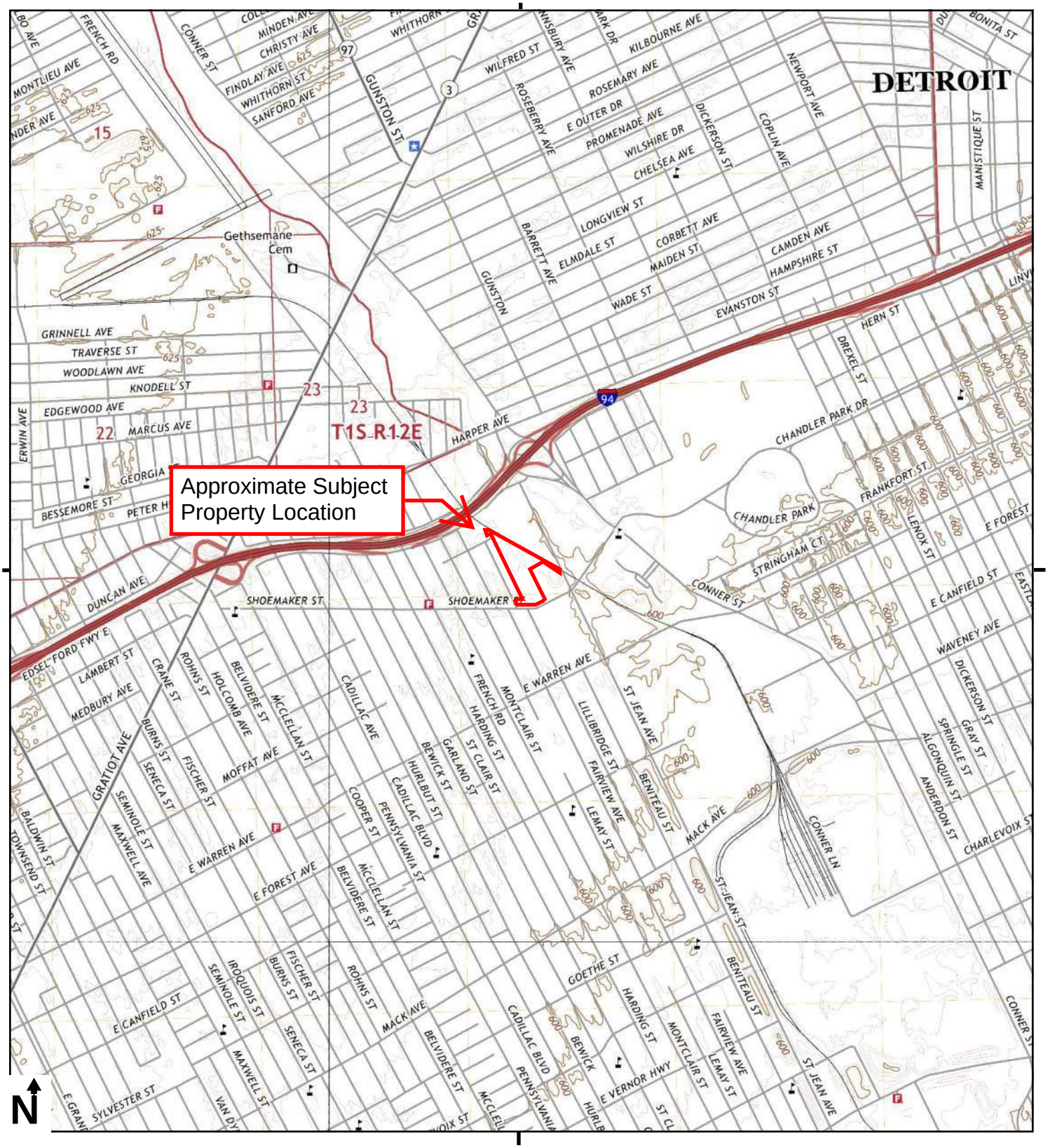
11.0 REFERENCES

Environmental Protection Agency, 40 CFR Part 312, *Standards and Practices for All Appropriate Inquiries – Final Rule*; Federal Register, Vol. 70, No. 210.

ASTM International, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*; Designation E1527-13.

Other references used in completion of this Phase I ESA Report are cited in the appropriate sections of the report.

FIGURE(S)



Map provided by USGS
(Grosse Pointe, 2019)

0 Miles 0.25 0.5 1 1.5

DLZ	Property Location Map Detroit Demolition Project 11031 Shoemaker Street Detroit, Michigan	Project #: 2242-7533-05 June 2023 **FIG 1**

Legend

- Subject Property
- Subject Property Structures

Project No.: 2242-7533-05

Figure 2
Site Plan

Detroit Demolition Project
11031 Shoemaker Street
Detroit, MI

DLZ

June 2023

APPENDIX A

ARCHITECTURE • ENGINEERING • PLANNING
SURVEYING • CONSTRUCTION SERVICES

SCOTT G. PARK, C.P.G.

ENVIRONMENTAL DEPARTMENT MANAGER

Mr. Park is a Senior Geologist responsible for department management, project supervision and management, client contact, evaluation and assessment of contaminated sites including PFAS, coordination of field efforts, preparation of reports, and oversight of staff. His areas of specialty include: underground storage tank (UST) regulations, Corrective Action and Closures – Michigan's Part 213 of Public Act 451; Hazardous site investigations and closures – Part 201 of Michigan's Public Act 451; Phase I/II environmental site assessments and baseline environmental assessments – Part 201 of Michigan's Public Act 451; groundwater contamination and remediation; soil contamination and remediation; RCRA facility and former Manufacture Gas Plants (MGPs) investigations.

Mr. Park has developed a very strong relationship with staff at EGLE, working closely with EGLE for over 30 years. He has been the principal investigator and project manager for industrial, commercial, and underground storage tank projects, bedrock, soil, and groundwater site investigations, including multiple aquifer evaluations throughout Michigan. He has prepared RIFS, Remedial Action Plans, No Further Action reports, and underground storage tank site assessment documentation including initial and final assessment reports and closure reports in accordance with Part 213 of Act 451. Mr. Park's experience also includes on-site geologist/coordinator for numerous groundwater and soil sampling events, monitoring well installations, UST removals and site remediation.

Mr. Park has provided project management and supervisory experience for more than 1,000 Transaction Due Diligence assessments in Michigan, Ohio, and Indiana, including extensive multiple city block assessments in urban and commercial districts in Michigan. He managed field exploration and report preparation relating to the completion of Baseline Environmental Assessments (BEAs) in accordance with Part 201 of Act 451.

Mr. Park has provided technical presentations to many clients and in public forums involving site investigations and a variety of corrective actions. In 2017 and 2018, Mr. Park gave public presentations on Perfluorinated (PFAS) chemicals at the Michigan Airport Conference, and the Michigan AIPG Conference, respectively.

EDUCATION

MS, Geology, Western Michigan University, 1987

BA, Geology, Albion College, 1984

ASFE Fundamentals of Professional Practice #16

Magna cum Laude

REGISTRATIONS

Certified Professional Geologist, AIPG #10371

AFFILIATIONS

American Institute of Professional Geologists (AIPG)

Western Michigan University Faculty

Lansing Community College Faculty

Lansing/Dewitt Sunrise Rotary Past President

SPECIAL TRAINING

PSMJ Project Manager Training, 2015

40 Hour OSHA 29 CFR HAZWOPER Trained

8 Hour OSHA Annual Refresher Health and Safety Training

**Work with Previous Employer*

PROJECT EXPERIENCE

LEAKING UNDERGROUND STORAGE TANK SITE

- **Michigan Department of Environment, Great Lakes, and Energy (EGLE), Former Matthews Service, Durand Michigan.** Project Manager for a Part 213 LUST investigation, remedial design, and subsequent source soil interim action. DLZ was retained to evaluate exposure risks including vapor intrusion as a result of both residual and mobile LNAPL under the former station (converted to a residential duplex) and adjacent to residential homes. The Site investigation completed in 2020 included the delineation of LNAPL, its migration, and a thorough risk assessment to evaluate potential exposure to site residents. Subsequent corrective action in 2021 included engineering design, bid specifications, contractor management, building demolition, dewatering, contaminated soil, and UST removal. Post excavation monitoring has shown a 99% reduction in soil and groundwater impacts and elimination of risk.

- **Michigan Department of Environment, Great Lakes, and Energy (EGLE), Superstop #9, Lansing Michigan.** Project Manager for a Part 213 LUST investigation of a highly contaminated active gasoline station in Lansing. DLZ was retained to evaluate exposure risks including vapor intrusion as a result of both residual and mobile LNAPL under the station and adjacent to residential homes. The investigation completed in 2016 included the delineation of LNAPL and its migration, and the installation and sampling of 12 vapor points for vapor intrusion assessment.

- **Michigan Department of Environment, Great Lakes, and Energy (EGLE), Gregory Market, Gregory Michigan.** Project Manager for a large-scale Part 213 LUST investigation of both bedrock and glacial aquifers in a multi-block area of Gregory Michigan. The project has included a Remedial Investigation, Feasibility Study, Remedial Design, System Installation Oversight and Operation and Maintenance. Ongoing groundwater treatment of the glacial aquifer includes the use of nutrient enhanced low flow biosparging to aid in the bio- attenuation of gasoline related groundwater impacts adjacent to and beneath commercial buildings while reducing effects of volatilization. *

- **Parks & Recreation LUST Closure Waterford Township, Michigan.** Project geologist involved in contaminant and geological review and interpretation of a Leaking Underground Storage Tank closure. Closure included LIF/UVOST data used to delineate residual contamination on private property and Michigan Department of Transportation (MDOT) Right-of Way. Closure included the preparation of an MDOT Technical Summary Report and approved MDOT Licensing Agreement.

- **Michigan Department of Environment, Great Lakes, and Energy (EGLE), Former Frank's Service, Durand Michigan.** Project Manager for a Part 213 LUST investigation of a former gasoline station; now converted into a restaurant. After completion of an interim response excavation, DLZ was retained to monitor groundwater impacts and evaluate ways to enhance natural attenuation of contaminants. A sulfate-based chemical "Nutrisulfate" was selected to increase the anaerobic bioattenuation. DLZ oversaw the injection of 1,000 gallons into the impacted zone of groundwater. Initial results show good distribution of the product and increased contaminant attenuation.

WELLHEAD PROTECTION PLANS

- **Waterford Township and Independence Township, Wellhead Protection Plans in Oakland County, Michigan.** Project and Technical Manager for completion of two Wellhead Protection Plans in Oakland County, Michigan. Both plans involved research and review of potential contaminant sources that may impact municipal well field locations and public water supply and quality. Each Plan also included the review of potential sources of emerging PFAS contaminants.

MANUFACTURED GAS PLANTS (MGP)

- **Manufactured Gas Plant (MPG) –** Prior to joining DLZ in July 2015, Mr. Park was a Senior Geologist and Project Manager with AECOM. His experience at AECOM includes being the Project Manager of Five Michigan MGP sites for **Consumers Energy** that included Remedial Investigation (RI) reporting, exposure pathway analyses, source remediation, deed restrictions and No Further Action (NFA) reports. *

MUNICIPAL BROWNFIELD

- **RCRA Brownfield Site, Lansing, Michigan.** Project Manager and Principal Investigator for industrial redevelopment of one of Michigan's first brownfield sites. The project entailed initial due diligence investigations including Phase I, Phase II studies, Category S baseline environmental assessments, and subsequent RCRA facility investigation and proposed RCRA corrective measures. Project involved exposure pathway evaluations and fate and transport of volatile organics in groundwater and potential risks to third parties and municipal water supply systems. *
- **Arcadia Creek Corridor - Phase II Environmental Assessment, Kalamazoo, Michigan.** Project Manager and Principal Investigator of an extensive Phase II assessment for business redevelopment of nine square blocks. This project included identification and definition of six groundwater contaminant plumes and multiple areas of soil contamination through the installation of 58 monitor wells and the drilling of numerous soil borings. *
- **Arcadia Creek Corridor –Soil Remediation, Kalamazoo, Michigan.** Project Manager for soil remediation on three city blocks for downtown Brownfield Redevelopment. *
- **Township of Owosso, Brownfield Site, Owosso, Michigan.** Project Manager and Principal Investigator of a 60-acre abandoned industrial brownfield property. Project included preparation of a brownfield revitalization loan on behalf of the township, soil and groundwater investigation, geophysical investigation, free product identification and evaluation, and completion of a Category S baseline environmental assessment on behalf of proposed new property owners. The BEA, involving use of designed engineered controls was approved for adequacy by the EGLE. *

PHASE I ESA/TRANSACTION DUE DILIGENCE

Standard Federal Bank/Lasalle Bank/Bank of America, Michigan. Project Manager and staff geologist for over 200 Phase I ESAs on behalf of various financial institutions in Michigan. Projects covered vacant greenspace, to large industrial and commercial businesses, and included purchases, refinances, and bank foreclosures. *

- **Demmer Corporation, Michigan, Minnesota, South Dakota**. Project Manager for over 20 Phase I ESAs and multiple BEAs for Demmer Corporation redevelopment in Michigan, Minnesota, and South Dakota. *

- **7-Eleven, Various Locations in Michigan**. Staff Geologist for completion of 15 BEA and Due Care Plans on behalf of 7-Eleven for the purchase and redevelopment of 15 retail gas stations in Michigan. *

- **Michigan Department of Transportation, Due Diligence Program, Monroe, Michigan.** Technical Manager for a multi-phase due diligence program on a portion of an abandoned paper mill in downtown Monroe, Michigan. Completed transaction due diligence on a 33-acre portion of a former paper mill that operated for more than 75 years. This included Phase I ESA, Phase II Investigation, preparation of a Baseline Environmental Assessment (BEA), and Due Care Documentation. *

- **Lansing Board of Water & Light, Lansing, Michigan.** Project Manager. Conducted the investigation for all environmental related issues during planning and construction of 7 miles of a transmission line corridor in Lansing, Michigan. The evaluation identified 32 sites of environmental concerns and required soil and ground sampling at 9 properties along the corridor easement. The environmental investigation also included the completion of all related NEPA related surveys and permitting including wetland delineation and ecological surveys.

- **14 Mile Corridor Project, Oakland County, Michigan.** Lead geologist investigating environmental related issues during planning and design of over 8 miles of water main placement in Oakland County Michigan. The investigation identified over 15 sites of known or potential contamination that could adversely impact construction. Subsequent Phase II investigations were completed with results used to quantify the risk for construction planning.

LANDFILL INVESTIGATION/HYDROGEOLOGY

- **Former Thermofil Site (Chlorinated VOCs and PFAS), Brighton, Michigan.** Lead Environmental Engineer for a feasibility study involving the remediation of PFAS chemicals in groundwater and soil at an industrial site in Brighton MI. Working with the Michigan AG, and Dept. of EGLE, the feasibility study involved the evaluation of multiple options for disposal of source soil and remediation of PFAS and CVOC impacted groundwater extending at least ½ mile downgradient of the source location. (2021-Ongoing).

- **Waste Management Peoples Landfill, Birch Run, Michigan.** Principal Investigator for a large-scale landfill hydrogeology investigation involving potential leachate migration from a former Act 87 waste cell into adjacent surface water. The investigation included a detailed analysis of stratigraphy, groundwater migration, and seasonal geochemical analyses of both surface water and groundwater. The results prompted the proposal and subsequent construction of a impermeable landfill cap and slurry wall around the former Act 87 cell. Due to the project complexity of the results and corrective action, a presentation was made to the EGLE WHMD Quality Review Team (QRT), and the subsequent Final Assessment Report (FAR) was approved by the EGLE. *

- **Consumers Energy BC Cobb Ash Landfill, Muskegon, Michigan.** Principal Geologist for the site evaluation including potential offsite surface water discharges of metals originating from coal ash placement. The project resulted in the preparation of a Remedial Action Plan, approved by the EGLE, and the subsequent installation of a slurry wall around the ash landfill to eliminate offsite groundwater migration. The successful abatement efforts resulted in the property being redeveloped into municipal recreational facilities.

BEDROCK INVESTIGATION

- **Michigan Department of Environment, Great Lakes, and Energy (EGLE), Gregory Market, Gregory, Michigan.** Project Manager for a bedrock investigation, involving the potential migration of hydrocarbons into the shallow drinking water bedrock aquifer. The investigation involved coring and logging the upper 75 feet of the Pennsylvanian age Marshall Sandstone, vertical aquifer sampling using inflatable packers, and installation of six bedrock monitor wells. The investigation trace concentrations of chemicals in the bedrock aquifer, unrelated to the local petroleum impacts.

- **Thermos Factory – Norwich, Connecticut.** Field manager and principal site geologist for the investigation of migrating DNAPL (TCE) in fractured bedrock in Connecticut. The six-month investigation included bedrock coring and logging, vertical aquifer sampling using inflatable packers, and monitor well installation in bedrock horizons showing highest dissolved DNAPL concentrations.*

WATER RESOURCES

- **JBS Plainwell/Murco Foods, Plainwell, Michigan -** Principal geologist and project manager of long-term monitoring of groundwater impacts resulting from land application of waste generated at the beef processing facility. Many years of land application of process waste waters resulted in groundwater impacted with elevated nitrate, phosphorous and ammonia. After converting to a wastewater treatment facility in 2000, processes of phytoremediation and natural attenuation have resulted in a contaminant reduction of at least 80% in the potable aquifer and have greatly reduced exposure risk to impacted groundwater. Groundwater monitoring continues through monitoring well and residential well sampling.

LITIGATION AND EXPERT WITNESS

- **Fred's Tire & Auto, Fowlerville, Michigan.** Project Manager for evaluation of potentially responsible party and source locations regarding commingling of groundwater contaminant plumes at adjacent sites. The evaluation included forensic analysis of gasoline free product (NAPL) for relative age dating of releases. Litigation support was provided for issues relating to identification of responsible party for investigation and remediation of groundwater contaminated with gasoline free product (NAPL). *

PUBLIC FORUMS AND PRESENTATIONS

- **Municipal Well Field Vulnerability Assessments.** Coordinator and certified instructor of municipal well field vulnerability assessments, as governed through the Department of Homeland Security. Instruction through Inter Tribal Council at municipalities in Michigan, Wisconsin, and Minnesota. *

- **Michigan Department of Environment, Great Lakes, and Energy (EGLE), Birch Run, Michigan.** Presented corrective measures proposal relating to leachate containment for a solid waste landfill. Presentation led to DEQ approval of the remedial action plan (RAP). *

- **Michigan Airport Conference, February 2017 –** Presented "Perfluorochemicals: Public Health and Environmental Challenge" at the Michigan Airport Conference in February 2017.

- **Michigan AIPG, June 2018 –** Presented "Perfluorochemicals: Wurtsmith Airforce Base" at the Michigan Section of the American Institute of Professional Geologist conference, June 2018.

APPENDIX B

Parcel Viewer

11031 shoemaker

Search by: address

Parcel ID: 21003300.001 Address: **11031 SHOEMAKER**

Ownership

Taxpayer	CITY OF DETROIT
Taxpayer (extended)	CITYOWNED NOT AVAILABLE
Taxpayer Address	65 CADILLAC SQUARE 11TH FLOOR, DETROIT, MI
Last Sale Date	July 31, 1978
Last Sale Price	$225,000
PRE %	0

Usage & classification

Property Class	302 - INDUSTRIAL VACANT
Property Use	-
Zoning	M4
# of Buildings	0

Taxation

Tax Status	EXEMPT (211.7M)
Assessed Value	$0
Taxable Value	$0

Map

Dimensions

Total Acreage	9.89 ac
Total Square Footage	430808 sf
Depth x Frontage (ft)	0 x 0

Legal description

N SHOEMAKER 7 THRU 12THOMAS L RICE SHOEMAKERS SUB L38 P35 PLATS, W C R 21/572 ALSO THAT PT OF SUB OF LOTS 25 & 26 OF THE ST JEAN FARM, PC 26, ALSO PT OF PC 688 DESC AS FOLS BEG AT A PTE IN THE N LINE OF SHOEMAKER AVE 66 FT WD S 62D 42M 48S W 415.97 FT FROM NW COR OF SHOEMAKER AVE 66 FT WD & ST JEAN AVE 66 FT WD TH S 60D 39M 20S W 14.70 FT TH S 62D 44M W 159.31 FT TH S 87D 18M W 146.35 FT TH N 28D 04M 20S W 1236.98 FT TH S60D 50M W 60.39 FT TH N 29D 10M W 90 FT TH N 60D 50M E 61.74 FT TH S 62D 05M E 1292.70 FT ALG W LINE DTRR R/W TH S 25D 52M E 44.62 FT TH N 59D 56M 26S W 310.38 FT TH S 64D 05M 10S E 242.15 FT TH S 25D 35M 20S W 533.53 FT TO POB 21/--- 430,828 SQ FT

Parcel Number: 21003300.001 Jurisdiction: CITY OF DETROIT County: WAYNE Printed on 11/02/2018

Grantor	Grantee	Sale Price	Sale Date	Inst. Type	Terms of Sale	Liber & Page	Verified By	Prcnt. Trans.
		225,000	08/01/1978	WD	VA-VERIFIED BY APPR	20240:01530	BUYER	0.0

Property Address	Class: 700-EXEMPT REAL	Zoning:	Building Permit(s)	Date	Number	Status
11031 SHOEMAKER	School: DETROIT SCHOOLS					
	P.R.E. 0%					
Owner's Name/Address	Ward#: 21					
DETROIT WATER & SEWERAGE DEPT 735 RANDOLPH ST DETROIT MI 48226-2830	2004 Est TCV 0 TCV/TFA: 0.00					

X Improved | Vacant

Public Improvements

- Dirt Road
- Gravel Road
- Paved Road
- Storm Sewer
- 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

Who When What

Tax Description

N SHOEMAKER 7 THRU 12THOMAS L RICE SHOEMAKERS SUB L38 P35 PLATS, W C R 21/572 ALSO THAT PT OF SUB OF LOTS 25 & 26 OF THE ST JEAN FARM, PC 26, ALSO PT OF PC 688 DESC AS FOLS BEG AT A PTE IN THE N LINE OF SHOEMAKER AVE 66 FT WD S 62D 42M 48S W 415.97 FT FROM NW COR OF SHOEMAKER AVE 66 FT WD & ST JEAN AVE 66 FT WD TH S 60D 39M 20S W 14.70 FT TH S 62D 44M W 159.31 FT TH S 87D 18M W 146.35 FT TH N 28D 04M 20S W 1236.98 FT TH S60D 50M W 60.39 FT TH N 29D 10M W 90 FT TH N 60D 50M E 61.74 FT TH S 62D 05M E 1292.70 FT

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Land Value Estimates for Land Table 00.DEFAULT COMM LAND TABLE

Description	Frontage	Depth	* Factors * Front	Depth	Rate	%Adj.	Reason	Value
Default Sq Default Sq Ft			430828 SqFt	0.00000	100			0
Flat Value:								215,415

9.89 Total Acres Total Est. Land Value = 215,415

Land Improvement Cost Estimates

Description	Rate	CountyMult.	Size	%Good	Cash Value
Commercial/Industrial Local Cost Land Improvements					
Description	Rate	CountyMult.	Size	%Good %Arch.Mult	Cash Value
CONCRETE PAVING (SF)	3.00	1.00	91200.0	97 100	265,392
IND FENCING (LF)	19.00	1.00	1910.0	97 100	35,201
RAIL SPUR (LF)	68.00	1.00	360.0	97 100	23,746

Total Estimated Land Improvements True Cash Value = 324,339

Year	Land Value	Building Value	Assessed Value	Board of Review	Tribunal/ Other	Taxable Value
2004	EXEMPT	EXEMPT	EXEMPT			EXEMPT
2003	EXEMPT	EXEMPT	EXEMPT			EXEMPT
2002	0	0	0			0
2001	0	230,100	230,100			0

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 66,405
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 1
Physical %Good: 98
Func. %Good : 100
Economic %Good: 100

1946 Year Built
Remodeled

Overall Bldg
Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 66405
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 66,405 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.21, Final Square Foot Cost for Upper Floors = 45.148

Total Floor Area: 66,405 Base Cost New of Upper Floors = 2,998,021

Reproduction/Replacement Cost = 2,998,021
Eff.Age:1 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 98 /100/100/100/98.0
Total Depreciated Cost = 2,938,061

Unit in Place Items	Rate	Quantity	Cnty	Arch	%Good	Depr.Cost
EXTRA - PR SIDING	432.00	1	1.21	1.00	98	512
EXTRA - PWR & EQUP	1200.00	1	1.21	1.00	98	1,423
EXTRA - FENCE	2865.00	1	1.21	1.00	98	3,397
EXTRA - PAVING-CONC	2080.00	1	1.21	1.00	98	2,466

ECF (DISTRICT 03 AREA 'B' GENERAL) 1.000 => TCV of Bldg: 1 = 2,945,860
Replacement Cost/Floor Area= 45.27 Est. TCV/Floor Area= 44.36

(1) Excavation/Site Prep:

(2) Foundation: | | Footings | X | Poured Conc. | | Brick/Stone | | Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures		Urinals
	3-Piece Baths		Wash Bowls
	2-Piece Baths		Water Heaters
	Shower Stalls		Wash Fountains
	Toilets		Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
	Few	Few
	Average	Average
	Many	Many
	Unfinished	Unfinished
	Typical	Typical

	Flex Conduit	Incandescent
	Rigid Conduit	Fluorescent
	Armored Cable	Mercury
	Non-Metalic	Sodium Vapor
	Bus Duct	Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 144,024
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 1
Physical %Good: 98
Func. %Good : 100
Economic %Good: 100

1937 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 144024
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 144,024 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.21, Final Square Foot Cost for Upper Floors = 45.148

Total Floor Area: 144,024 Base Cost New of Upper Floors = 6,502,326

Reproduction/Replacement Cost = 6,502,326
Eff.Age:1 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 98 /100/100/100/98.0
Total Depreciated Cost = 6,372,280

ECF (DISTRICT 03 AREA 'B' GENERAL) 1.000 => TCV of Bldg: 2 = 6,372,280
Replacement Cost/Floor Area= 45.15 Est. TCV/Floor Area= 44.24

(1) Excavation/Site Prep:

(2) Foundation:

	Footings	X	Poured Conc.		Brick/Stone		Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None
	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners		

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Office Buildings

Class: C
Floor Area: 280
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 1
Physical %Good: 98
Func. %Good : 100
Economic %Good: 100

1943 Year Built
Remodeled

Overall Bldg
Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 280
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 106.90

Elevator Adjustment (Applied to upper floors rate) Cost/Sq.Ft.: -2.50
Adjusted Square Foot Cost for Upper Floors = 104.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.900
Ave. Floor Area: 280 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 93.96

County Multiplier: 1.21, Final Square Foot Cost for Upper Floors = 113.692

Total Floor Area: 280 Base Cost New of Upper Floors = 31,834

Reproduction/Replacement Cost = 31,834
Eff.Age:1 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 98 /100/100/100/98.0
Total Depreciated Cost = 31,197

ECF (DISTRICT 03 AREA 'B' GENERAL) 1.000 => TCV of Bldg: 3 = 31,197
Replacement Cost/Floor Area= 113.69 Est. TCV/Floor Area= 111.42

(1) Excavation/Site Prep:

(2) Foundation:

	Footings	X	Poured Conc.		Brick/Stone		Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None
	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners		

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Industrial - Light Manufacturing

Class: C
Floor Area: 832
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 1
Physical %Good: 98
Func. %Good : 100
Economic %Good: 100

1956 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 832
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 49.00

Adjusted Square Foot Cost for Upper Floors = 49.00

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 832 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 43.12

County Multiplier: 1.21, Final Square Foot Cost for Upper Floors = 52.175

Total Floor Area: 832 Base Cost New of Upper Floors = 43,410

Reproduction/Replacement Cost = 43,410
Eff.Age:1 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 98 /100/100/100/98.0
Total Depreciated Cost = 42,542

Unit in Place Items	Rate	Quantity	Cnty	Arch	%Good	Depr.Cost
EXTRA - TRUCK WELL	490.00	1	1.21	1.00	98	581
EXTRA - PR SIDING	168.00	1	1.21	1.00	98	199
EXTRA - PAVING-CONC	5216.00	1	1.21	1.00	98	6,185
EXTRA - PWR & EQUP	400.00	1	1.21	1.00	98	474

ECF (DISTRICT 03 AREA 'B' GENERAL) 1.000 => TCV of Bldg: 4 = 49,981
Replacement Cost/Floor Area= 61.30 Est. TCV/Floor Area= 60.07

(1) Excavation/Site Prep:

(2) Foundation: Footings
X Poured Conc. Brick/Stone Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None
	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners		

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 18,676
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 1
Physical %Good: 98
Func. %Good : 100
Economic %Good: 100

1946 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 18676
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 18,676 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.21, Final Square Foot Cost for Upper Floors = 45.148

Total Floor Area: 18,676 Base Cost New of Upper Floors = 843,175

Reproduction/Replacement Cost = 843,175
Eff.Age:1 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 98 /100/100/100/98.0
Total Depreciated Cost = 826,312

ECF (DISTRICT 03 AREA 'B' GENERAL) 1.000 => TCV of Bldg: 5 = 826,312
Replacement Cost/Floor Area= 45.15 Est. TCV/Floor Area= 44.24

(1) Excavation/Site Prep:

(2) Foundation: Footings

X	Poured Conc.		Brick/Stone		Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

	Outlets:		Fixtures:
	Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
	Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 10,965
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 1
Physical %Good: 98
Func. %Good : 100
Economic %Good: 100

1937 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 10965
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 10,965 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.21, Final Square Foot Cost for Upper Floors = 45.148

Total Floor Area: 10,965 Base Cost New of Upper Floors = 495,043

Reproduction/Replacement Cost = 495,043
Eff.Age:1 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 98 /100/100/100/98.0
Total Depreciated Cost = 485,142

ECF (DISTRICT 03 AREA 'B' GENERAL) 1.000 => TCV of Bldg: 6 = 485,142
Replacement Cost/Floor Area= 45.15 Est. TCV/Floor Area= 44.24

(1) Excavation/Site Prep:

(2) Foundation: Footings

X	Poured Conc.		Brick/Stone		Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

	Outlets:		Fixtures:
	Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
	Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 6,938
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 1
Physical %Good: 98
Func. %Good : 100
Economic %Good: 100

1946 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 6938
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 6,938 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.21, Final Square Foot Cost for Upper Floors = 45.148

Total Floor Area: 6,938 Base Cost New of Upper Floors = 313,233

Reproduction/Replacement Cost = 313,233
Eff.Age:1 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 98 /100/100/100/98.0
Total Depreciated Cost = 306,969

ECF (DISTRICT 03 AREA 'B' GENERAL) 1.000 => TCV of Bldg: 7 = 306,969
Replacement Cost/Floor Area= 45.15 Est. TCV/Floor Area= 44.24

(1) Excavation/Site Prep:

(2) Foundation: Footings

X	Poured Conc.		Brick/Stone		Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

	Outlets:		Fixtures:
	Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
	Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Parcel Number: 21003300.001 Jurisdiction: CITY OF DETROIT County: WAYNE Printed on 11/02/2018

Grantor	Grantee	Sale Price	Sale Date	Inst. Type	Terms of Sale	Liber & Page	Verified By	Prcnt. Trans.
		225,000	08/01/1978	WD	VA-VERIFIED BY APPR	20240:01530	BUYER	0.0

Property Address

11031 SHOEMAKER

Owner's Name/Address

DETROIT WATER & SEWERAGE DEPT
735 RANDOLPH ST
DETROIT MI 48226-2830

Tax Description

N SHOEMAKER 7 THRU 12THOMAS L RICE SHOEMAKERS SUB L38 P35 PLATS, W C R 21/572 ALSO THAT PT OF SUB OF LOTS 25 & 26 OF THE ST JEAN FARM, PC 26, ALSO PT OF PC 688 DESC AS FOLS BEG AT A PTE IN THE N LINE OF SHOEMAKER AVE 66 FT WD S 62D 42M 48S W 415.97 FT FROM NW COR OF SHOEMAKER AVE 66 FT WD & ST JEAN AVE 66 FT WD TH S 60D 39M 20S W 14.70 FT TH S 62D 44M W 159.31 FT TH S 87D 18M W 146.35 FT TH N 28D 04M 20S W 1236.98 FT TH S60D 50M W 60.39 FT TH N 29D 10M W 90 FT TH N 60D 50M E 61.74 FT TH S 62D 05M E 1292.70 FT

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Class: 700-EXEMPT REAL Zoning:

School: DETROIT SCHOOLS

P.R.E. 0%

Ward#: 21

2005 Est TCV 0 TCV/TFA: 0.00

Building Permit(s)	Date	Number	Status

X Improved | Vacant

Public Improvements

- Dirt Road
- Gravel Road
- Paved Road
- Storm Sewer
- 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

Who When What

Land Value Estimates for Land Table 00.UNASSIGNED LAND TABLE

Description	Frontage	Depth	* Factors * Front	Depth	Rate	%Adj.	Reason	Value
Default Sq	Default Sq Ft		430808 SqFt		0.00000	100		0
Flat Value:								215,415

9.89 Total Acres Total Est. Land Value = 215,415

Land Improvement Cost Estimates

Description	Rate	CountyMult.	Size	%Good	Cash Value
Commercial/Industrial Local Cost Land Improvements					
Description	Rate	CountyMult.	Size	%Good %Arch.Mult	Cash Value
CONCRETE PAVING (SF)	3.00	1.00	91200.0	94 100	257,184
IND FENCING (LF)	19.00	1.00	1910.0	94 100	34,113
RAIL SPUR (LF)	68.00	1.00	360.0	94 100	23,011

Total Estimated Land Improvements True Cash Value = 314,308

Year	Land Value	Building Value	Assessed Value	Board of Review	Tribunal/ Other	Taxable Value
2005	EXEMPT	EXEMPT	EXEMPT			EXEMPT
2004	EXEMPT	EXEMPT	EXEMPT			EXEMPT
2003	0	0	0			0
2002	0	0	0			0

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 66,405
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 2
Physical %Good: 96
Func. %Good : 100
Economic %Good: 100

1946 Year Built
Remodeled

Overall Bldg
Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 66405
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 66,405 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.24, Final Square Foot Cost for Upper Floors = 46.267

Total Floor Area: 66,405 Base Cost New of Upper Floors = 3,072,352

Reproduction/Replacement Cost = 3,072,352
Eff.Age:2 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 96 /100/100/100/96.0
Total Depreciated Cost = 2,949,458

Unit in Place Items	Rate	Quantity	Cnty	Arch	%Good	Depr.Cost
EXTRA - PR SIDING	432.00	1	1.24	1.00	96	514
EXTRA - PWR & EQUP	1200.00	1	1.24	1.00	96	1,428
EXTRA - FENCE	2865.00	1	1.24	1.00	96	3,410
EXTRA - PAVING-CONC	2080.00	1	1.24	1.00	96	2,476

ECF (DISTRICT 03 AREA 'B' GENERAL) 1.000 => TCV of Bldg: 1 = 2,957,287
Replacement Cost/Floor Area= 46.39 Est. TCV/Floor Area= 44.53

(1) Excavation/Site Prep:

(2) Foundation: | | Footings | X | Poured Conc. | | Brick/Stone | | Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures		Urinals
	3-Piece Baths		Wash Bowls
	2-Piece Baths		Water Heaters
	Shower Stalls		Wash Fountains
	Toilets		Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
	Few	Few
	Average	Average
	Many	Many
	Unfinished	Unfinished
	Typical	Typical

	Flex Conduit	Incandescent
	Rigid Conduit	Fluorescent
	Armored Cable	Mercury
	Non-Metalic	Sodium Vapor
	Bus Duct	Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 144,024
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 2
Physical %Good: 96
Func. %Good : 100
Economic %Good: 100

1937 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 144024
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 144,024 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.24, Final Square Foot Cost for Upper Floors = 46.267

Total Floor Area: 144,024 Base Cost New of Upper Floors = 6,663,541

Reproduction/Replacement Cost = 6,663,541
Eff.Age:2 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 96 /100/100/100/96.0
Total Depreciated Cost = 6,396,999

ECF (DISTRICT 03 AREA 'B' GENERAL) 1.000 => TCV of Bldg: 2 = 6,396,999
Replacement Cost/Floor Area= 46.27 Est. TCV/Floor Area= 44.42

(1) Excavation/Site Prep:

(2) Foundation:

	Footings	X	Poured Conc.		Brick/Stone		Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None
	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners		

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Office Buildings

Class: C
Floor Area: 280
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 2
Physical %Good: 96
Func. %Good : 100
Economic %Good: 100

1943 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 280
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 106.90

Elevator Adjustment (Applied to upper floors rate) Cost/Sq.Ft.: -2.50
Adjusted Square Foot Cost for Upper Floors = 104.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.900
Ave. Floor Area: 280 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 93.96

County Multiplier: 1.24, Final Square Foot Cost for Upper Floors = 116.510

Total Floor Area: 280 Base Cost New of Upper Floors = 32,623

Reproduction/Replacement Cost = 32,623
Eff.Age:2 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 96 /100/100/100/96.0
Total Depreciated Cost = 31,318

ECF (DISTRICT 03 AREA 'B' GENERAL) 1.000 => TCV of Bldg: 3 = 31,318
Replacement Cost/Floor Area= 116.51 Est. TCV/Floor Area= 111.85

(1) Excavation/Site Prep:

(2) Foundation:

	Footings	X	Poured Conc.		Brick/Stone		Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None
	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners		

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Industrial - Light Manufacturing

Class: C
Floor Area: 832
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 2
Physical %Good: 96
Func. %Good : 100
Economic %Good: 100

1956 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 832
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 49.00

Adjusted Square Foot Cost for Upper Floors = 49.00

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 832 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 43.12

County Multiplier: 1.24, Final Square Foot Cost for Upper Floors = 53.469

Total Floor Area: 832 Base Cost New of Upper Floors = 44,486

Reproduction/Replacement Cost = 44,486
Eff.Age:2 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 96 /100/100/100/96.0
Total Depreciated Cost = 42,707

Unit in Place Items	Rate	Quantity	Cnty	Arch	%Good	Depr.Cost
EXTRA - TRUCK WELL	490.00	1	1.24	1.00	96	583
EXTRA - PR SIDING	168.00	1	1.24	1.00	96	200
EXTRA - PAVING-CONC	5216.00	1	1.24	1.00	96	6,209
EXTRA - PWR & EQUP	400.00	1	1.24	1.00	96	476

ECF (DISTRICT 03 AREA 'B' GENERAL) 1.000 => TCV of Bldg: 4 = 50,175
Replacement Cost/Floor Area= 62.82 Est. TCV/Floor Area= 60.31

(1) Excavation/Site Prep:

(2) Foundation: | | Footings
X | Poured Conc. | | Brick/Stone | | Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None
	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners		

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 18,676
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 2
Physical %Good: 96
Func. %Good : 100
Economic %Good: 100

1946 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 18676
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 18,676 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.24, Final Square Foot Cost for Upper Floors = 46.267

Total Floor Area: 18,676 Base Cost New of Upper Floors = 864,080

Reproduction/Replacement Cost = 864,080
Eff.Age:2 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 96 /100/100/100/96.0
Total Depreciated Cost = 829,517

ECF (DISTRICT 03 AREA 'B' GENERAL) 1.000 => TCV of Bldg: 5 = 829,517
Replacement Cost/Floor Area= 46.27 Est. TCV/Floor Area= 44.42

(1) Excavation/Site Prep:

(2) Foundation: Footings

X	Poured Conc.		Brick/Stone		Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

	Outlets:		Fixtures:
	Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
	Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 10,965
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 2
Physical %Good: 96
Func. %Good : 100
Economic %Good: 100

1937 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 10965
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 10,965 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.24, Final Square Foot Cost for Upper Floors = 46.267

Total Floor Area: 10,965 Base Cost New of Upper Floors = 507,316

Reproduction/Replacement Cost = 507,316
Eff.Age:2 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 96 /100/100/100/96.0
Total Depreciated Cost = 487,024

ECF (DISTRICT 03 AREA 'B' GENERAL) 1.000 => TCV of Bldg: 6 = 487,024
Replacement Cost/Floor Area= 46.27 Est. TCV/Floor Area= 44.42

(1) Excavation/Site Prep:

(2) Foundation: | | Footings
X | Poured Conc. | | Brick/Stone | | Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None
	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners		

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 6,938
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 2
Physical %Good: 96
Func. %Good : 100
Economic %Good: 100

1946 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 6938
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 6,938 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.24, Final Square Foot Cost for Upper Floors = 46.267

Total Floor Area: 6,938 Base Cost New of Upper Floors = 321,000

Reproduction/Replacement Cost = 321,000
Eff.Age:2 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 96 /100/100/100/96.0
Total Depreciated Cost = 308,160

ECF (DISTRICT 03 AREA 'B' GENERAL) 1.000 => TCV of Bldg: 7 = 308,160
Replacement Cost/Floor Area= 46.27 Est. TCV/Floor Area= 44.42

(1) Excavation/Site Prep:

(2) Foundation: Footings

X	Poured Conc.		Brick/Stone		Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None
	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners		

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Parcel Number: 21003300.001 Jurisdiction: CITY OF DETROIT County: WAYNE Printed on 11/02/2018

Grantor	Grantee	Sale Price	Sale Date	Inst. Type	Terms of Sale	Liber & Page	Verified By	Prcnt. Trans.

Property Address	Class: 700-EXEMPT REAL	Zoning:	Building Permit(s)	Date	Number	Status
11031 SHOEMAKER	School: DETROIT SCHOOLS					
	P.R.E. 0%					
Owner's Name/Address	WARD#: 21					
DETROIT WATER & SEWERAGE DEPT 735 RANDOLPH ST DETROIT MI 48226-2830	2006 Est TCV 0					

Improved | X | Vacant

Public Improvements

Dirt Road
Gravel Road
Paved Road
Storm Sewer
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

Who When What

Tax Description

Comments/Influences

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Land Value Estimates for Land Table 00.

Description	Frontage	Depth	* Factors * Front	Depth	Rate	%Adj.	Reason	Value
		430808.00 Acres			0	100		0
Flat Value:								215,415
	430808.00 Total Acres				Total Est. Land Value =			215,415

Land Improvement Cost Estimates

Description	Rate	CountyMult.	Size	%Good	Cash Value
Commercial/Industrial Local Cost Land Improvements					
Description	Rate	CountyMult.	Size	%Good %Arch.Mult	Cash Value
CONCRETE PAVING (SF)	3.00	1.00	91200.0	94 100	257,184
IND FENCING (LF)	19.00	1.00	1910.0	94 100	34,113
RAIL SPUR (LF)	68.00	1.00	360.0	94 100	23,011
			Total Estimated Land Improvements True Cash Value =		314,308

Year	Land Value	Building Value	Assessed Value	Board of Review	Tribunal/ Other	Taxable Value
2006	EXEMPT	EXEMPT	EXEMPT			EXEMPT
2005	EXEMPT	EXEMPT	EXEMPT			EXEMPT
2004	0	0	0			0
2003	0	0	0			0

*** Information herein deemed reliable but not guaranteed***

Parcel Number: 21003300.001 Jurisdiction: CITY OF DETROIT County: WAYNE Printed on 11/02/2018

Grantor	Grantee	Sale Price	Sale Date	Inst. Type	Terms of Sale	Liber & Page	Verified By	Prcnt. Trans.
CITY OF DETROIT P&DD	ENVIRONMENTAL & TECHNICAL	230,000	11/01/2006	QC	CITY TO PRIVATE		PTA	100.0
		225,000	08/01/1978	WD	VA-VERIFIED BY APPR	20240:01530	BUYER	0.0

Property Address

11031 SHOEMAKER

Owner's Name/Address

ENVIRONMENTAL & TECHNICAL CONTROLS
220 W CONGRESS 2ND FLOOR
DETROIT MI 48226

Class: 201-COMMERCIAL Zoning:

School: DETROIT SCHOOLS

P.R.E. 0%

WARD#: 21

2007 Est TCV 11,961,120(Value Overridd

Building Permit(s)	Date	Number	Status

X Improved | Vacant

Public Improvements

- Dirt Road
- Gravel Road
- Paved Road
- Storm Sewer
- 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

Who When What

Tax Description

N SHOEMAKER 7 THRU 12THOMAS L RICE SHOEMAKERS SUB L38 P35 PLATS, W C R 21/572 ALSO THAT PT OF SUB OF LOTS 25 & 26 OF THE ST JEAN FARM, PC 26, ALSO PT OF PC 688 DESC AS FOLS BEG AT A PTE IN THE N LINE OF SHOEMAKER AVE 66 FT WD S 62D 42M 48S W 415.97 FT FROM NW COR OF SHOEMAKER AVE 66 FT WD & ST JEAN AVE 66 FT WD TH S 60D 39M 20S W 14.70 FT TH S 62D 44M W 159.31 FT TH S 87D 18M W 146.35 FT TH N 28D 04M 20S W 1236.98 FT TH S60D 50M W 60.39 FT TH N 29D 10M W 90 FT TH N 60D 50M E 61.74 FT TH S 62D 05M E 1292.70 FT

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Land Value Estimates for Land Table 00.UNASSIGNED LAND TABLE

Description	Frontage	Depth	* Factors * Front	Depth	Rate	%Adj.	Reason	Value
DEFAULT SQ	DEFAULT SQ FT		430808 SqFt	0.00000	100			0
Flat Value:								215,415

9.89 Total Acres Total Est. Land Value = 215,415

Land Improvement Cost Estimates

Description	Rate	CountyMult.	Size	%Good	Cash Value

Commercial/Industrial Local Cost Land Improvements

Description	Rate	CountyMult.	Size	%Good	%Arch.Mult	Cash Value
CONCRETE PAVING (SF)	3.00	1.00	91200.0	91	100	248,976
IND FENCING (LF)	19.00	1.00	1910.0	91	100	33,024
RAIL SPUR (LF)	68.00	1.00	360.0	91	100	22,277

Total Estimated Land Improvements True Cash Value = 304,277

Year	Land Value	Building Value	Assessed Value	Board of Review	Tribunal/ Other	Taxable Value
2007	107,708	5,872,852	5,980,560			5,980,560C
2006	EXEMPT	EXEMPT	EXEMPT			EXEMPT
2005	0	0	0			0
2004	0	0	0			0

*** Information herein deemed reliable but not guaranteed***

Parcel Number: 21003300.001 Jurisdiction: CITY OF DETROIT County: WAYNE Printed on 11/02/2018

Grantor	Grantee	Sale Price	Sale Date	Inst. Type	Terms of Sale	Liber & Page	Verified By	Prcnt. Trans.
		225,000	08/01/1978	WD	NO CONSIDERATION	20240:01530	BUYER	0.0

Property Address	Class: 302-INDUSTRIAL VAC	Zoning: M4	Building Permit(s)	Date	Number	Status
11031 SHOEMAKER	School: DETROIT PUBLIC SCHOOLS					
	P.R.E. 0%					
Owner's Name/Address	WARD#: 21					
CITY OF DETROIT CITYOWNED NOT AVAILABLE 65 CADILLAC SQUARE 11TH FLOOR DETROIT MI 48226	2019 Est TCV Tentative					

Improved | X | Vacant

Public Improvements

Dirt Road
Gravel Road
Paved Road
Storm Sewer
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

Who When What

Land Value Estimates for Land Table INDG.INDG-INDUSTRIAL GENERAL GROUP

Description	Frontage	Depth	* Factors * Front	Depth	Rate	%Adj.	Reason	Value
SQ FT RATE BY SIZE		430,808.000 Sq Ft			0.75	100		324,304
		9.89 Total Acres			Total Est. Land Value =			324,304

Tax Description

N SHOEMAKER 7 THRU 12THOMAS L RICE SHOEMAKERS SUB L38 P35 PLATS, W C R 21/572 ALSO THAT PT OF SUB OF LOTS 25 & 26 OF THE ST JEAN FARM, PC 26, ALSO PT OF PC 688 DESC AS FOLS BEG AT A PTE IN THE N LINE OF SHOEMAKER AVE 66 FT WD S 62D 42M 48S W 415.97 FT FROM NW COR OF SHOEMAKER AVE 66 FT WD & ST JEAN AVE 66 FT WD TH S 60D 39M 20S W 14.70 FT TH S 62D 44M W 159.31 FT TH S 87D 18M W 146.35 FT TH N 28D 04M 20S W 1236.98 FT TH S60D 50M W 60.39 FT TH N 29D 10M W 90 FT TH N 60D 50M E 61.74 FT TH S 62D 05M E 1292.70 FT

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Year	Land Value	Building Value	Assessed Value	Board of Review	Tribunal/ Other	Taxable Value
2019	EXEMPT	EXEMPT	EXEMPT			EXEMPT
2018	EXEMPT	EXEMPT	EXEMPT			EXEMPT
2017	0	0	0			0
2016	0	0	0			0

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 66,405
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 3
Physical %Good: 94
Func. %Good : 100
Economic %Good: 100

1946 Year Built
Remodeled

Overall Bldg
Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 66405
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 66,405 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.31, Final Square Foot Cost for Upper Floors = 48.879

Total Floor Area: 66,405 Base Cost New of Upper Floors = 3,245,791

Reproduction/Replacement Cost = 3,245,791
Eff.Age:3 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 94 /100/100/100/94.0
Total Depreciated Cost = 3,051,044

Unit in Place Items	Rate	Quantity	Cnty	Arch	%Good	Depr.Cost
EXTRA - PR SIDING	432.00	1	1.31	1.00	94	532
EXTRA - PWR & EQUP	1200.00	1	1.31	1.00	94	1,478
EXTRA - FENCE	2865.00	1	1.31	1.00	94	3,528
EXTRA - PAVING-CONC	2080.00	1	1.31	1.00	94	2,561

ECF (DISTRICT 03 AREA 'B' GENERAL) 1.000 => TCV of Bldg: 1 = 3,059,143
Replacement Cost/Floor Area= 49.01 Est. TCV/Floor Area= 46.07

(1) Excavation/Site Prep:

(2) Foundation: | | Footings | X | Poured Conc. | | Brick/Stone | | Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures		Urinals
	3-Piece Baths		Wash Bowls
	2-Piece Baths		Water Heaters
	Shower Stalls		Wash Fountains
	Toilets		Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
	Few	Few
	Average	Average
	Many	Many
	Unfinished	Unfinished
	Typical	Typical

	Flex Conduit	Incandescent
	Rigid Conduit	Fluorescent
	Armored Cable	Mercury
	Non-Metalic	Sodium Vapor
	Bus Duct	Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 144,024
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 3
Physical %Good: 94
Func. %Good : 100
Economic %Good: 100

1937 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 144024
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 144,024 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.31, Final Square Foot Cost for Upper Floors = 48.879

Total Floor Area: 144,024 Base Cost New of Upper Floors = 7,039,709

Reproduction/Replacement Cost = 7,039,709
Eff.Age:3 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 94 /100/100/100/94.0
Total Depreciated Cost = 6,617,326

ECF (DISTRICT 03 AREA 'B' GENERAL) 1.000 => TCV of Bldg: 2 = 6,617,326
Replacement Cost/Floor Area= 48.88 Est. TCV/Floor Area= 45.95

(1) Excavation/Site Prep:

(2) Foundation:

	Footings						
X	Poured Conc.		Brick/Stone		Block		

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Office Buildings

Class: C
Floor Area: 280
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 3
Physical %Good: 94
Func. %Good : 100
Economic %Good: 100

1943 Year Built
Remodeled

Overall Bldg
Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 280
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 106.90

Elevator Adjustment (Applied to upper floors rate) Cost/Sq.Ft.: -2.50
Adjusted Square Foot Cost for Upper Floors = 104.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.900
Ave. Floor Area: 280 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 93.96

County Multiplier: 1.31, Final Square Foot Cost for Upper Floors = 123.088

Total Floor Area: 280 Base Cost New of Upper Floors = 34,465

Reproduction/Replacement Cost = 34,465
Eff.Age:3 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 94 /100/100/100/94.0
Total Depreciated Cost = 32,397

ECF (DISTRICT 03 AREA 'B' GENERAL) 1.000 => TCV of Bldg: 3 = 32,397
Replacement Cost/Floor Area= 123.09 Est. TCV/Floor Area= 115.70

(1) Excavation/Site Prep:

(2) Foundation:

	Footings	X	Poured Conc.		Brick/Stone		Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None
	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners		

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Industrial - Light Manufacturing

Class: C
Floor Area: 832
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 3
Physical %Good: 94
Func. %Good : 100
Economic %Good: 100

1956 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 832
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 49.00

Adjusted Square Foot Cost for Upper Floors = 49.00

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 832 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 43.12

County Multiplier: 1.31, Final Square Foot Cost for Upper Floors = 56.487

Total Floor Area: 832 Base Cost New of Upper Floors = 46,997

Reproduction/Replacement Cost = 46,997
Eff.Age:3 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 94 /100/100/100/94.0
Total Depreciated Cost = 44,178

Unit in Place Items	Rate	Quantity	Cnty	Arch	%Good	Depr.Cost
EXTRA - TRUCK WELL	490.00	1	1.31	1.00	94	603
EXTRA - PR SIDING	168.00	1	1.31	1.00	94	207
EXTRA - PAVING-CONC	5216.00	1	1.31	1.00	94	6,423
EXTRA - PWR & EQUP	400.00	1	1.31	1.00	94	493

ECF (DISTRICT 03 AREA 'B' GENERAL) 1.000 => TCV of Bldg: 4 = 51,903
Replacement Cost/Floor Area= 66.37 Est. TCV/Floor Area= 62.38

(1) Excavation/Site Prep:

(2) Foundation: Footings

X	Poured Conc.		Brick/Stone		Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

	Outlets:		Fixtures:
	Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
	Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 18,676
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 3
Physical %Good: 94
Func. %Good : 100
Economic %Good: 100

1946 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 18676
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 18,676 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.31, Final Square Foot Cost for Upper Floors = 48.879

Total Floor Area: 18,676 Base Cost New of Upper Floors = 912,859

Reproduction/Replacement Cost = 912,859
Eff.Age:3 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 94 /100/100/100/94.0
Total Depreciated Cost = 858,087

ECF (DISTRICT 03 AREA 'B' GENERAL) 1.000 => TCV of Bldg: 5 = 858,087
Replacement Cost/Floor Area= 48.88 Est. TCV/Floor Area= 45.95

(1) Excavation/Site Prep:

(2) Foundation: Footings

X	Poured Conc.		Brick/Stone		Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

	Outlets:		Fixtures:
	Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
	Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 10,965
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 3
Physical %Good: 94
Func. %Good : 100
Economic %Good: 100

1937 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 10965
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 10,965 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.31, Final Square Foot Cost for Upper Floors = 48.879

Total Floor Area: 10,965 Base Cost New of Upper Floors = 535,955

Reproduction/Replacement Cost = 535,955
Eff.Age:3 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 94 /100/100/100/94.0
Total Depreciated Cost = 503,798

ECF (DISTRICT 03 AREA 'B' GENERAL) 1.000 => TCV of Bldg: 6 = 503,798
Replacement Cost/Floor Area= 48.88 Est. TCV/Floor Area= 45.95

(1) Excavation/Site Prep:

(2) Foundation: Footings

X	Poured Conc.		Brick/Stone		Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

	Outlets:		Fixtures:
	Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
	Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 6,938
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 3
Physical %Good: 94
Func. %Good : 100
Economic %Good: 100

1946 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 6938
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 6,938 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.31, Final Square Foot Cost for Upper Floors = 48.879

Total Floor Area: 6,938 Base Cost New of Upper Floors = 339,121

Reproduction/Replacement Cost = 339,121
Eff.Age:3 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 94 /100/100/100/94.0
Total Depreciated Cost = 318,773

ECF (DISTRICT 03 AREA 'B' GENERAL) 1.000 => TCV of Bldg: 7 = 318,773
Replacement Cost/Floor Area= 48.88 Est. TCV/Floor Area= 45.95

(1) Excavation/Site Prep:

(2) Foundation: | | Footings
X | Poured Conc. | | Brick/Stone | | Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

	Outlets:		Fixtures:
	Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
	Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Parcel Number: 21003300.001 Jurisdiction: CITY OF DETROIT-ADJDET.08 County: WAYNE Printed on 11/02/2018

Grantor	Grantee	Sale Price	Sale Date	Inst. Type	Terms of Sale	Liber & Page	Verified By	Prcnt. Trans.
CITY OF DETROIT P&DD	ENVIRONMENTAL & TECHNICAL	230,000	11/01/2006	QC	CITY TO PRIVATE		PTA	100.0
		225,000	08/01/1978	WD	VA-VERIFIED BY APPR	20240:01530	BUYER	0.0

Property Address

11031 SHOEMAKER

Owner's Name/Address

ENVIRONMENTAL & TECHNICAL CONTROLS
220 W CONGRESS 2ND FLOOR
DETROIT MI 48226

Tax Description

N SHOEMAKER 7 THRU 12THOMAS L RICE SHOEMAKERS SUB L38 P35 PLATS, W C R 21/572 ALSO THAT PT OF SUB OF LOTS 25 & 26 OF THE ST JEAN FARM, PC 26, ALSO PT OF PC 688 DESC AS FOLS BEG AT A PTE IN THE N LINE OF SHOEMAKER AVE 66 FT WD S 62D 42M 48S W 415.97 FT FROM NW COR OF SHOEMAKER AVE 66 FT WD & ST JEAN AVE 66 FT WD TH S 60D 39M 20S W 14.70 FT TH S 62D 44M W 159.31 FT TH S 87D 18M W 146.35 FT TH N 28D 04M 20S W 1236.98 FT TH S60D 50M W 60.39 FT TH N 29D 10M W 90 FT TH N 60D 50M E 61.74 FT TH S 62D 05M E 1292.70 FT

The Equalizer. Copyright (c) 1999 - 2009. Licensed To: City of Detroit, County of Wayne, Michigan

Class: 301-INDUSTRIAL Zoning:

School: DETROIT SCHOOLS

P.R.E. 0%

WARD#: 21

2008 Est TCV 577,372(Value Overridden)

Building Permit(s)	Date	Number	Status

X Improved | Vacant

Public Improvements

- Dirt Road
- Gravel Road
- Paved Road
- Storm Sewer
- 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

Who When What

Land Value Estimates for Land Table 00.UNASSIGNED LAND TABLE

Description	Frontage	Depth	* Factors * Front	Depth	Rate	%Adj.	Reason	Value
DEFAULT SQ	DEFAULT SQ FT		430808 SqFt	0.00000		100		0
Flat Value:								215,415

9.89 Total Acres Total Est. Land Value = 215,415

Land Improvement Cost Estimates

Description	Rate	CountyMult.	Size	%Good	Cash Value

Commercial/Industrial Local Cost Land Improvements

Description	Rate	CountyMult.	Size	%Good	%Arch.Mult	Cash Value
CONCRETE PAVING (SF)	3.00	1.00	91200.0	88	100	240,768
IND FENCING (LF)	19.00	1.00	1910.0	88	100	31,935
RAIL SPUR (LF)	68.00	1.00	360.0	88	100	21,542

Total Estimated Land Improvements True Cash Value = 294,246

Year	Land Value	Building Value	Assessed Value	Board of Review	Tribunal/ Other	Taxable Value
2008	107,708	180,978	288,686			288,686S
2007	107,708	5,872,852	5,980,560	288,686D		288,686S
2006	0	0	0			0
2005	0	0	0			0

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 66,405
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 4
Physical %Good: 92
Func. %Good : 100
Economic %Good: 100

1946 Year Built
Remodeled

Overall Bldg
Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 66405
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 66,405 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.37, Final Square Foot Cost for Upper Floors = 51.117

Total Floor Area: 66,405 Base Cost New of Upper Floors = 3,394,454

Reproduction/Replacement Cost = 3,394,454
Eff.Age:4 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 92 /100/100/100/92.0
Total Depreciated Cost = 3,122,897

Unit in Place Items	Rate	Quantity	Cnty	Arch	%Good	Depr.Cost
EXTRA - PR SIDING	432.00	1	1.37	1.00	92	544
EXTRA - PWR & EQUP	1200.00	1	1.37	1.00	92	1,512
EXTRA - FENCE	2865.00	1	1.37	1.00	92	3,611
EXTRA - PAVING-CONC	2080.00	1	1.37	1.00	92	2,622

ECF (39112) 1.000 => TCV of Bldg: 1 = 3,131,187
Replacement Cost/Floor Area= 51.25 Est. TCV/Floor Area= 47.15

(1) Excavation/Site Prep:

(2) Foundation: Footings
X Poured Conc. Brick/Stone Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures		Urinals
	3-Piece Baths		Wash Bowls
	2-Piece Baths		Water Heaters
	Shower Stalls		Wash Fountains
	Toilets		Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
	Few	Few
	Average	Average
	Many	Many
	Unfinished	Unfinished
	Typical	Typical
	Flex Conduit	Incandescent
	Rigid Conduit	Fluorescent
	Armored Cable	Mercury
	Non-Metalic	Sodium Vapor
	Bus Duct	Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 144,024
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 4
Physical %Good: 92
Func. %Good : 100
Economic %Good: 100

1937 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 144024
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 144,024 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.37, Final Square Foot Cost for Upper Floors = 51.117

Total Floor Area: 144,024 Base Cost New of Upper Floors = 7,362,138

Reproduction/Replacement Cost = 7,362,138
Eff.Age:4 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 92 /100/100/100/92.0
Total Depreciated Cost = 6,773,167

ECF (39112) 1.000 => TCV of Bldg: 2 = 6,773,167
Replacement Cost/Floor Area= 51.12 Est. TCV/Floor Area= 47.03

(1) Excavation/Site Prep:

(2) Foundation:

	Footings						
X	Poured Conc.		Brick/Stone		Block		

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

	Outlets:		Fixtures:
	Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
	Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Office Buildings

Class: C
Floor Area: 280
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 4
Physical %Good: 92
Func. %Good : 100
Economic %Good: 100

1943 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 280
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 106.90

Elevator Adjustment (Applied to upper floors rate) Cost/Sq.Ft.: -2.50
Adjusted Square Foot Cost for Upper Floors = 104.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.900
Ave. Floor Area: 280 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 93.96

County Multiplier: 1.37, Final Square Foot Cost for Upper Floors = 128.725

Total Floor Area: 280 Base Cost New of Upper Floors = 36,043

Reproduction/Replacement Cost = 36,043
Eff.Age:4 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 92 /100/100/100/92.0
Total Depreciated Cost = 33,160

ECF (39112) 1.000 => TCV of Bldg: 3 = 33,160
Replacement Cost/Floor Area= 128.73 Est. TCV/Floor Area= 118.43

(1) Excavation/Site Prep:

(2) Foundation: | | Footings | X | Poured Conc. | | Brick/Stone | | Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None
	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners		

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Industrial - Light Manufacturing

Class: C
Floor Area: 832
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 4
Physical %Good: 92
Func. %Good : 100
Economic %Good: 100

1956 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 832
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 49.00

Adjusted Square Foot Cost for Upper Floors = 49.00

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 832 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 43.12

County Multiplier: 1.37, Final Square Foot Cost for Upper Floors = 59.074

Total Floor Area: 832 Base Cost New of Upper Floors = 49,150

Reproduction/Replacement Cost = 49,150
Eff.Age:4 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 92 /100/100/100/92.0
Total Depreciated Cost = 45,218

Unit in Place Items	Rate	Quantity	Cnty	Arch	%Good	Depr.Cost
EXTRA - TRUCK WELL	490.00	1	1.37	1.00	92	618
EXTRA - PR SIDING	168.00	1	1.37	1.00	92	212
EXTRA - PAVING-CONC	5216.00	1	1.37	1.00	92	6,574
EXTRA - PWR & EQUP	400.00	1	1.37	1.00	92	504

ECF (39112) 1.000 => TCV of Bldg: 4 = 53,126
Replacement Cost/Floor Area= 69.41 Est. TCV/Floor Area= 63.85

(1) Excavation/Site Prep:

(2) Foundation: Footings
X Poured Conc. Brick/Stone Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:
Many Above Ave. Average Typical Few None
Total Fixtures Urinals
3-Piece Baths Wash Bowls
2-Piece Baths Water Heaters
Shower Stalls Wash Fountains
Toilets Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:
Gas Oil Coal Stoker Hand Fired Boiler

(11) Electric and Lighting:

Outlets:	Fixtures:
Few	Few
Average	Average
Many	Many
Unfinished	Unfinished
Typical	Typical
Flex Conduit	Incandescent
Rigid Conduit	Fluorescent
Armored Cable	Mercury
Non-Metalic	Sodium Vapor
Bus Duct	Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:
Thickness Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 18,676
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 4
Physical %Good: 92
Func. %Good : 100
Economic %Good: 100

1946 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 18676
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 18,676 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.37, Final Square Foot Cost for Upper Floors = 51.117

Total Floor Area: 18,676 Base Cost New of Upper Floors = 954,669

Reproduction/Replacement Cost = 954,669
Eff.Age:4 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 92 /100/100/100/92.0
Total Depreciated Cost = 878,296

ECF (39112) 1.000 => TCV of Bldg: 5 = 878,296
Replacement Cost/Floor Area= 51.12 Est. TCV/Floor Area= 47.03

(1) Excavation/Site Prep:

(2) Foundation: Footings

X	Poured Conc.		Brick/Stone		Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

	Outlets:		Fixtures:
	Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
	Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 10,965
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 4
Physical %Good: 92
Func. %Good : 100
Economic %Good: 100

1937 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 10965
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 10,965 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.37, Final Square Foot Cost for Upper Floors = 51.117

Total Floor Area: 10,965 Base Cost New of Upper Floors = 560,503

Reproduction/Replacement Cost = 560,503
Eff.Age:4 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 92 /100/100/100/92.0
Total Depreciated Cost = 515,663

ECF (39112) 1.000 => TCV of Bldg: 6 = 515,663
Replacement Cost/Floor Area= 51.12 Est. TCV/Floor Area= 47.03

(1) Excavation/Site Prep:

(2) Foundation: Footings

X	Poured Conc.		Brick/Stone		Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

	Outlets:		Fixtures:
	Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
	Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 6,938
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 4
Physical %Good: 92
Func. %Good : 100
Economic %Good: 100

1946 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 6938
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 6,938 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.37, Final Square Foot Cost for Upper Floors = 51.117

Total Floor Area: 6,938 Base Cost New of Upper Floors = 354,653

Reproduction/Replacement Cost = 354,653
Eff.Age:4 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 92 /100/100/100/92.0
Total Depreciated Cost = 326,281

ECF (39112) 1.000 => TCV of Bldg: 7 = 326,281
Replacement Cost/Floor Area= 51.12 Est. TCV/Floor Area= 47.03

(1) Excavation/Site Prep:

(2) Foundation: | | Footings | X | Poured Conc. | | Brick/Stone | | Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

	Outlets:		Fixtures:
	Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
	Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Parcel Number: 21003300.001 Jurisdiction: CITY OF DETROIT-DETROIT09 County: WAYNE Printed on 11/02/2018

Grantor	Grantee	Sale Price	Sale Date	Inst. Type	Terms of Sale	Liber & Page	Verified By	Prcnt. Trans.

Property Address	Class: 700-EXEMPT REAL	Zoning:	Building Permit(s)	Date	Number	Status
11031 SHOEMAKER	School: DETROIT SCHOOLS					
	P.R.E. 0%					
Owner's Name/Address	WARD#: 21					
CITY OF DETROIT 65 CADILLAC SQUARE 11TH FLOOR DETROIT MI 48226	2009 Est TCV 0(Value Overridden)					

Improved | X | Vacant

Public Improvements

Dirt Road
Gravel Road
Paved Road
Storm Sewer
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

Who When What

Land Value Estimates for Land Table 00.

Description	Frontage	Depth	* Factors * Front	Depth	Rate	%Adj.	Reason	Value
		430808.00 Acres			0	100		0
Flat Value:								215,415
	430808.00 Total Acres				Total Est. Land Value =			215,415

Land Improvement Cost Estimates

Description	Rate	CountyMult.	Size	%Good	Cash Value
Commercial/Industrial Local Cost Land Improvements					
Description	Rate	CountyMult.	Size	%Good %Arch.Mult	Cash Value
CONCRETE PAVING (SF)	3.00	1.00	91200.0	85 100	232,560
IND FENCING (LF)	19.00	1.00	1910.0	85 100	30,847
RAIL SPUR (LF)	68.00	1.00	360.0	85 100	20,808
			Total Estimated Land Improvements True Cash Value =		284,215

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Year	Land Value	Building Value	Assessed Value	Board of Review	Tribunal/ Other	Taxable Value
2009	EXEMPT	EXEMPT	EXEMPT	EXEMPTM		EXEMPT
2008	107,708	180,978	288,686			288,686S
2007	107,708	5,872,852	5,980,560	288,686D		288,686S
2006	0	0	0			0

*** Information herein deemed reliable but not guaranteed***

Parcel Number: 21003300.001 Jurisdiction: CITY OF DETROIT County: WAYNE Printed on 11/02/2018

Grantor	Grantee	Sale Price	Sale Date	Inst. Type	Terms of Sale	Liber & Page	Verified By	Prcnt. Trans.
		225,000	08/01/1978	WD	VA-VERIFIED BY APPR	20240:01530	BUYER	0.0

Property Address

11031 SHOEMAKER

Owner's Name/Address

CITY OF DETROIT
65 CADILLAC SQUARE 11TH FLOOR
DETROIT MI 48226

Class: 700-EXEMPT REAL Zoning:

School: DETROIT SCHOOLS

P.R.E. 0%

WARD#: 21

2010 Est TCV 0(Value Overridden)

Building Permit(s)	Date	Number	Status

X Improved | Vacant

Public Improvements

Dirt Road
Gravel Road
Paved Road
Storm Sewer
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

Who When What

Land Value Estimates for Land Table 00.UNASSIGNED LAND TABLE

Description	Frontage	Depth	* Factors * Front	Depth	Rate	%Adj.	Reason	Value
DEFAULT SQ	DEFAULT SQ FT		430808 SqFt	0.00000		100		0
Flat Value:								215,415

9.89 Total Acres Total Est. Land Value = 215,415

Land Improvement Cost Estimates

Description	Rate	CountyMult.	Size	%Good	Cash Value

Commercial/Industrial Local Cost Land Improvements

Description	Rate	CountyMult.	Size	%Good	%Arch.Mult	Cash Value
CONCRETE PAVING (SF)	3.00	1.00	91200.0	83	100	227,088
IND FENCING (LF)	19.00	1.00	1910.0	83	100	30,121
RAIL SPUR (LF)	68.00	1.00	360.0	83	100	20,318

Total Estimated Land Improvements True Cash Value = 277,527

Tax Description

N SHOEMAKER 7 THRU 12THOMAS L RICE SHOEMAKERS SUB L38 P35 PLATS, W C R 21/572 ALSO THAT PT OF SUB OF LOTS 25 & 26 OF THE ST JEAN FARM, PC 26, ALSO PT OF PC 688 DESC AS FOLS BEG AT A PTE IN THE N LINE OF SHOEMAKER AVE 66 FT WD S 62D 42M 48S W 415.97 FT FROM NW COR OF SHOEMAKER AVE 66 FT WD & ST JEAN AVE 66 FT WD TH S 60D 39M 20S W 14.70 FT TH S 62D 44M W 159.31 FT TH S 87D 18M W 146.35 FT TH N 28D 04M 20S W 1236.98 FT TH S60D 50M W 60.39 FT TH N 29D 10M W 90 FT TH N 60D 50M E 61.74 FT TH S 62D 05M E 1292.70 FT

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Year	Land Value	Building Value	Assessed Value	Board of Review	Tribunal/ Other	Taxable Value
2010	EXEMPT	EXEMPT	EXEMPT			EXEMPT
2009	EXEMPT	EXEMPT	EXEMPT	EXEMPTM		EXEMPT
2008	107,708	180,978	288,686	0J		0
2007	107,708	5,872,852	5,980,560	288,686D		288,686S

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 66,405
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 6
Physical %Good: 89
Func. %Good : 100
Economic %Good: 100

1946 Year Built
Remodeled

Overall Bldg
Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 66405
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 66,405 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.42, Final Square Foot Cost for Upper Floors = 52.983

Total Floor Area: 66,405 Base Cost New of Upper Floors = 3,518,339

Reproduction/Replacement Cost = 3,518,339
Eff.Age:6 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 89 /100/100/100/89.0
Total Depreciated Cost = 3,131,322

Unit in Place Items	Rate	Quantity	Cnty	Arch	%Good	Depr.Cost
EXTRA - PR SIDING	432.00	1	1.42	1.00	89	546
EXTRA - PWR & EQUP	1200.00	1	1.42	1.00	89	1,517
EXTRA - FENCE	2865.00	1	1.42	1.00	89	3,621
EXTRA - PAVING-CONC	2080.00	1	1.42	1.00	89	2,629

ECF (39112) 1.000 => TCV of Bldg: 1 = 3,139,634
Replacement Cost/Floor Area= 53.12 Est. TCV/Floor Area= 47.28

(1) Excavation/Site Prep:

(2) Foundation: | | Footings | X | Poured Conc. | | Brick/Stone | | Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures		Urinals
	3-Piece Baths		Wash Bowls
	2-Piece Baths		Water Heaters
	Shower Stalls		Wash Fountains
	Toilets		Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
	Few	Few
	Average	Average
	Many	Many
	Unfinished	Unfinished
	Typical	Typical

	Flex Conduit	Incandescent
	Rigid Conduit	Fluorescent
	Armored Cable	Mercury
	Non-Metalic	Sodium Vapor
	Bus Duct	Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 144,024
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 6
Physical %Good: 89
Func. %Good : 100
Economic %Good: 100

1937 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 144024
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 144,024 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.42, Final Square Foot Cost for Upper Floors = 52.983

Total Floor Area: 144,024 Base Cost New of Upper Floors = 7,630,829

Reproduction/Replacement Cost = 7,630,829
Eff.Age:6 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 89 /100/100/100/89.0
Total Depreciated Cost = 6,791,438

ECF (39112) 1.000 => TCV of Bldg: 2 = 6,791,438
Replacement Cost/Floor Area= 52.98 Est. TCV/Floor Area= 47.15

(1) Excavation/Site Prep:

(2) Foundation:

	Footings						
X	Poured Conc.		Brick/Stone		Block		

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

	Outlets:		Fixtures:
	Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
	Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Office Buildings

Class: C
Floor Area: 280
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 6
Physical %Good: 89
Func. %Good : 100
Economic %Good: 100

1943 Year Built
Remodeled

Overall Bldg
Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 280
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 106.90

Elevator Adjustment (Applied to upper floors rate) Cost/Sq.Ft.: -2.50
Adjusted Square Foot Cost for Upper Floors = 104.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.900
Ave. Floor Area: 280 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 93.96

County Multiplier: 1.42, Final Square Foot Cost for Upper Floors = 133.423

Total Floor Area: 280 Base Cost New of Upper Floors = 37,358

Reproduction/Replacement Cost = 37,358
Eff.Age:6 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 89 /100/100/100/89.0
Total Depreciated Cost = 33,249

ECF (39112) 1.000 => TCV of Bldg: 3 = 33,249
Replacement Cost/Floor Area= 133.42 Est. TCV/Floor Area= 118.75

(1) Excavation/Site Prep:

(2) Foundation:

	Footings	X	Poured Conc.		Brick/Stone		Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None
	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners		

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

	Outlets:		Fixtures:
	Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
	Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Industrial - Light Manufacturing

Class: C
Floor Area: 832
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 6
Physical %Good: 89
Func. %Good : 100
Economic %Good: 100

1956 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 832
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 49.00

Adjusted Square Foot Cost for Upper Floors = 49.00

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 832 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 43.12

County Multiplier: 1.42, Final Square Foot Cost for Upper Floors = 61.230

Total Floor Area: 832 Base Cost New of Upper Floors = 50,944

Reproduction/Replacement Cost = 50,944
Eff.Age:6 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 89 /100/100/100/89.0
Total Depreciated Cost = 45,340

Unit in Place Items	Rate	Quantity	Cnty	Arch	%Good	Depr.Cost
EXTRA - TRUCK WELL	490.00	1	1.42	1.00	89	619
EXTRA - PR SIDING	168.00	1	1.42	1.00	89	212
EXTRA - PAVING-CONC	5216.00	1	1.42	1.00	89	6,592
EXTRA - PWR & EQUP	400.00	1	1.42	1.00	89	506

ECF (39112) 1.000 => TCV of Bldg: 4 = 53,269
Replacement Cost/Floor Area= 71.94 Est. TCV/Floor Area= 64.03

(1) Excavation/Site Prep:

(2) Foundation: Footings
X Poured Conc. Brick/Stone Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:
Many / Above Ave. | Average / Typical | Few / None

Total Fixtures	Urinals
3-Piece Baths	Wash Bowls
2-Piece Baths	Water Heaters
Shower Stalls	Wash Fountains
Toilets	Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:
Gas / Oil | Coal / Stoker | Hand Fired / Boiler

(11) Electric and Lighting:

Outlets:	Fixtures:
Few	Few
Average	Average
Many	Many
Unfinished	Unfinished
Typical	Typical
Flex Conduit	Incandescent
Rigid Conduit	Fluorescent
Armored Cable	Mercury
Non-Metalic	Sodium Vapor
Bus Duct	Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:
Thickness | Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 18,676
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 6
Physical %Good: 89
Func. %Good : 100
Economic %Good: 100

1946 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 18676
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 18,676 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.42, Final Square Foot Cost for Upper Floors = 52.983

Total Floor Area: 18,676 Base Cost New of Upper Floors = 989,511

Reproduction/Replacement Cost = 989,511
Eff.Age:6 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 89 /100/100/100/89.0
Total Depreciated Cost = 880,665

ECF (39112) 1.000 => TCV of Bldg: 5 = 880,665
Replacement Cost/Floor Area= 52.98 Est. TCV/Floor Area= 47.15

(1) Excavation/Site Prep:

(2) Foundation: Footings

X	Poured Conc.		Brick/Stone		Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

	Outlets:		Fixtures:
	Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
	Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 10,965
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 6
Physical %Good: 89
Func. %Good : 100
Economic %Good: 100

1937 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 10965
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 10,965 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.42, Final Square Foot Cost for Upper Floors = 52.983

Total Floor Area: 10,965 Base Cost New of Upper Floors = 580,959

Reproduction/Replacement Cost = 580,959
Eff.Age:6 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 89 /100/100/100/89.0
Total Depreciated Cost = 517,054

ECF (39112) 1.000 => TCV of Bldg: 6 = 517,054
Replacement Cost/Floor Area= 52.98 Est. TCV/Floor Area= 47.15

(1) Excavation/Site Prep:

(2) Foundation: | | Footings | X | Poured Conc. | | Brick/Stone | | Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 6,938
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 6
Physical %Good: 89
Func. %Good : 100
Economic %Good: 100

1946 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 6938
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 6,938 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.42, Final Square Foot Cost for Upper Floors = 52.983

Total Floor Area: 6,938 Base Cost New of Upper Floors = 367,596

Reproduction/Replacement Cost = 367,596
Eff.Age:6 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 89 /100/100/100/89.0
Total Depreciated Cost = 327,161

ECF (39112) 1.000 => TCV of Bldg: 7 = 327,161
Replacement Cost/Floor Area= 52.98 Est. TCV/Floor Area= 47.15

(1) Excavation/Site Prep:

(2) Foundation: Footings

X	Poured Conc.		Brick/Stone		Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

	Outlets:		Fixtures:
	Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
	Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Parcel Number: 21003300.001 Jurisdiction: CITY OF DETROIT County: WAYNE Printed on 11/02/2018

Grantor	Grantee	Sale Price	Sale Date	Inst. Type	Terms of Sale	Liber & Page	Verified By	Prcnt. Trans.
		225,000	08/01/1978	WD	VA-VERIFIED BY APPR	20240:01530	BUYER	0.0

Property Address

11031 SHOEMAKER

Owner's Name/Address

CITY OF DETROIT
65 CADILLAC SQUARE 11TH FLOOR
DETROIT MI 48226

Class: 700-EXEMPT REAL Zoning: 2011

School: DETROIT SCHOOLS

P.R.E. 0%

WARD#: 21

2011 Est TCV 0 TCV/TFA: 0.00

Building Permit(s)	Date	Number	Status

X Improved | Vacant

Public Improvements

- Dirt Road
- Gravel Road
- Paved Road
- Storm Sewer
- 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

Who When What

Tax Description

N SHOEMAKER 7 THRU 12THOMAS L RICE SHOEMAKERS SUB L38 P35 PLATS, W C R 21/572 ALSO THAT PT OF SUB OF LOTS 25 & 26 OF THE ST JEAN FARM, PC 26, ALSO PT OF PC 688 DESC AS FOLS BEG AT A PTE IN THE N LINE OF SHOEMAKER AVE 66 FT WD S 62D 42M 48S W 415.97 FT FROM NW COR OF SHOEMAKER AVE 66 FT WD & ST JEAN AVE 66 FT WD TH S 60D 39M 20S W 14.70 FT TH S 62D 44M W 159.31 FT TH S 87D 18M W 146.35 FT TH N 28D 04M 20S W 1236.98 FT TH S60D 50M W 60.39 FT TH N 29D 10M W 90 FT TH N 60D 50M E 61.74 FT TH S 62D 05M E 1292.70 FT

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Land Value Estimates for Land Table 00.UNASSIGNED LAND TABLE

Description	Frontage	Depth	* Factors * Front	Depth	Rate	%Adj.	Reason	Value
RATE TABLE		430808 SqFt	0.00000		100			0
Flat Value:								215,415
		9.89 Total Acres					Total Est. Land Value =	215,415

Land Improvement Cost Estimates

Description	Rate	CountyMult.	Size	%Good	Cash Value
Commercial/Industrial Local Cost Land Improvements					
Description	Rate	CountyMult.	Size	%Good %Arch.Mult	Cash Value
CONCRETE PAVING (SF)	3.00	1.00	91200.0	80 100	218,880
IND FENCING (LF)	19.00	1.00	1910.0	80 100	29,032
RAIL SPUR (LF)	68.00	1.00	360.0	80 100	19,584
				Total Estimated Land Improvements True Cash Value =	267,496

Year	Land Value	Building Value	Assessed Value	Board of Review	Tribunal/ Other	Taxable Value
2011	EXEMPT	EXEMPT	EXEMPT			EXEMPT
2010	EXEMPT	EXEMPT	EXEMPT			EXEMPT
2009	107,708	180,978	288,686	0M		0
2008	107,708	180,978	288,686	0J		0

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 66,405
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 7
Physical %Good: 87
Func. %Good : 100
Economic %Good: 100

1946 Year Built
Remodeled

Overall Bldg
Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 66405
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 66,405 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.42, Final Square Foot Cost for Upper Floors = 52.983

Total Floor Area: 66,405 Base Cost New of Upper Floors = 3,518,339

Reproduction/Replacement Cost = 3,518,339
Eff.Age:7 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 87 /100/100/100/87.0
Total Depreciated Cost = 3,060,955

Unit in Place Items	Rate	Quantity	Cnty	Arch	%Good	Depr.Cost
EXTRA - PR SIDING	432.00	1	1.42	1.00	87	534
EXTRA - PWR & EQUP	1200.00	1	1.42	1.00	87	1,482
EXTRA - FENCE	2865.00	1	1.42	1.00	87	3,539
EXTRA - PAVING-CONC	2080.00	1	1.42	1.00	87	2,570

ECF (39112) 1.000 => TCV of Bldg: 1 = 3,069,080
Replacement Cost/Floor Area= 53.12 Est. TCV/Floor Area= 46.22

(1) Excavation/Site Prep:

(2) Foundation: Footings
X Poured Conc. Brick/Stone Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None
	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners		

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 144,024
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 7
Physical %Good: 87
Func. %Good : 100
Economic %Good: 100

1937 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 144024
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 144,024 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.42, Final Square Foot Cost for Upper Floors = 52.983

Total Floor Area: 144,024 Base Cost New of Upper Floors = 7,630,829

Reproduction/Replacement Cost = 7,630,829
Eff.Age:7 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 87 /100/100/100/87.0
Total Depreciated Cost = 6,638,822

ECF (39112) 1.000 => TCV of Bldg: 2 = 6,638,822
Replacement Cost/Floor Area= 52.98 Est. TCV/Floor Area= 46.10

(1) Excavation/Site Prep:

(2) Foundation:

	Footings						
X	Poured Conc.		Brick/Stone		Block		

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None
	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners		

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Office Buildings

Class: C
Floor Area: 280
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 7
Physical %Good: 87
Func. %Good : 100
Economic %Good: 100

1943 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 280
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 106.90

Elevator Adjustment (Applied to upper floors rate) Cost/Sq.Ft.: -2.50
Adjusted Square Foot Cost for Upper Floors = 104.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.900
Ave. Floor Area: 280 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 93.96

County Multiplier: 1.42, Final Square Foot Cost for Upper Floors = 133.423

Total Floor Area: 280 Base Cost New of Upper Floors = 37,358

Reproduction/Replacement Cost = 37,358
Eff.Age:7 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 87 /100/100/100/87.0
Total Depreciated Cost = 32,502

ECF (39112) 1.000 => TCV of Bldg: 3 = 32,502
Replacement Cost/Floor Area= 133.42 Est. TCV/Floor Area= 116.08

(1) Excavation/Site Prep:

(2) Foundation: | | Footings | X | Poured Conc. | | Brick/Stone | | Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Industrial - Light Manufacturing

Class: C
Floor Area: 832
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 7
Physical %Good: 87
Func. %Good : 100
Economic %Good: 100

1956 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 832
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 49.00

Adjusted Square Foot Cost for Upper Floors = 49.00

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 832 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 43.12

County Multiplier: 1.42, Final Square Foot Cost for Upper Floors = 61.230

Total Floor Area: 832 Base Cost New of Upper Floors = 50,944

Reproduction/Replacement Cost = 50,944
Eff.Age:7 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 87 /100/100/100/87.0
Total Depreciated Cost = 44,321

Unit in Place Items	Rate	Quantity	Cnty	Arch	%Good	Depr.Cost
EXTRA - TRUCK WELL	490.00	1	1.42	1.00	87	605
EXTRA - PR SIDING	168.00	1	1.42	1.00	87	208
EXTRA - PAVING-CONC	5216.00	1	1.42	1.00	87	6,444
EXTRA - PWR & EQUP	400.00	1	1.42	1.00	87	494

ECF (39112) 1.000 => TCV of Bldg: 4 = 52,072
Replacement Cost/Floor Area= 71.94 Est. TCV/Floor Area= 62.59

(1) Excavation/Site Prep:

(2) Foundation: Footings

X	Poured Conc.		Brick/Stone		Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

	Outlets:		Fixtures:
	Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
	Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 18,676
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 7
Physical %Good: 87
Func. %Good : 100
Economic %Good: 100

1946 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 18676
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 18,676 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.42, Final Square Foot Cost for Upper Floors = 52.983

Total Floor Area: 18,676 Base Cost New of Upper Floors = 989,511

Reproduction/Replacement Cost = 989,511
Eff.Age:7 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 87 /100/100/100/87.0
Total Depreciated Cost = 860,875

ECF (39112) 1.000 => TCV of Bldg: 5 = 860,875
Replacement Cost/Floor Area= 52.98 Est. TCV/Floor Area= 46.10

(1) Excavation/Site Prep:

(2) Foundation: Footings

X	Poured Conc.		Brick/Stone		Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

	Outlets:		Fixtures:
	Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
	Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 10,965
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 7
Physical %Good: 87
Func. %Good : 100
Economic %Good: 100

1937 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 10965
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 10,965 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.42, Final Square Foot Cost for Upper Floors = 52.983

Total Floor Area: 10,965 Base Cost New of Upper Floors = 580,959

Reproduction/Replacement Cost = 580,959
Eff.Age:7 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 87 /100/100/100/87.0
Total Depreciated Cost = 505,434

ECF (39112) 1.000 => TCV of Bldg: 6 = 505,434
Replacement Cost/Floor Area= 52.98 Est. TCV/Floor Area= 46.10

(1) Excavation/Site Prep:

(2) Foundation: | | Footings
X | Poured Conc. | | Brick/Stone | | Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

	Outlets:		Fixtures:
	Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
	Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 6,938
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 7
Physical %Good: 87
Func. %Good : 100
Economic %Good: 100

1946 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 6938
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 6,938 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.42, Final Square Foot Cost for Upper Floors = 52.983

Total Floor Area: 6,938 Base Cost New of Upper Floors = 367,596

Reproduction/Replacement Cost = 367,596
Eff.Age:7 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 87 /100/100/100/87.0
Total Depreciated Cost = 319,809

ECF (39112) 1.000 => TCV of Bldg: 7 = 319,809
Replacement Cost/Floor Area= 52.98 Est. TCV/Floor Area= 46.10

(1) Excavation/Site Prep:

(2) Foundation: Footings

X	Poured Conc.		Brick/Stone		Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

	Outlets:		Fixtures:
	Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
	Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Parcel Number: 21003300.001 Jurisdiction: CITY OF DETROIT County: WAYNE Printed on 11/02/2018

Grantor	Grantee	Sale Price	Sale Date	Inst. Type	Terms of Sale	Liber & Page	Verified By	Prcnt. Trans.
		225,000	08/01/1978	WD	VA-VERIFIED BY APPR	20240:01530	BUYER	0.0

Property Address

11031 SHOEMAKER

Owner's Name/Address

CITY OF DETROIT
CITYOWNED NOT AVAILABLE
65 CADILLAC SQUARE 11TH FLOOR
DETROIT MI 48226

Tax Description

N SHOEMAKER 7 THRU 12THOMAS L RICE SHOEMAKERS SUB L38 P35 PLATS, W C R 21/572 ALSO THAT PT OF SUB OF LOTS 25 & 26 OF THE ST JEAN FARM, PC 26, ALSO PT OF PC 688 DESC AS FOLS BEG AT A PTE IN THE N LINE OF SHOEMAKER AVE 66 FT WD S 62D 42M 48S W 415.97 FT FROM NW COR OF SHOEMAKER AVE 66 FT WD & ST JEAN AVE 66 FT WD TH S 60D 39M 20S W 14.70 FT TH S 62D 44M W 159.31 FT TH S 87D 18M W 146.35 FT TH N 28D 04M 20S W 1236.98 FT TH S60D 50M W 60.39 FT TH N 29D 10M W 90 FT TH N 60D 50M E 61.74 FT TH S 62D 05M E 1292.70 FT

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Class: 700-EXEMPT REAL Zoning: 2011

School: DETROIT SCHOOLS

P.R.E. 0%

WARD#: 21

2012 Est TCV 0 TCV/TFA: 0.00

Building Permit(s)	Date	Number	Status

X Improved | Vacant

Public Improvements

- Dirt Road
- Gravel Road
- Paved Road
- Storm Sewer
- 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

Who When What

Land Value Estimates for Land Table 00.UNASSIGNED LAND TABLE

Description	Frontage	Depth	* Factors * Front	Depth	Rate	%Adj.	Reason	Value
RATE TABLE		430808 SqFt	0.00000		100			0
Flat Value:								215,415
		9.89 Total Acres					Total Est. Land Value =	215,415

Land Improvement Cost Estimates

Description	Rate	CountyMult.	Size	%Good	Cash Value
Commercial/Industrial Local Cost Land Improvements					

Description	Rate	CountyMult.	Size	%Good	%Arch.Mult	Cash Value
CONCRETE PAVING (SF)	3.00	1.00	91200.0	80	100	218,880
IND FENCING (LF)	19.00	1.00	1910.0	80	100	29,032
RAIL SPUR (LF)	68.00	1.00	360.0	80	100	19,584

Total Estimated Land Improvements True Cash Value = 267,496

Year	Land Value	Building Value	Assessed Value	Board of Review	Tribunal/ Other	Taxable Value
2012	EXEMPT	EXEMPT	EXEMPT			EXEMPT
2011	EXEMPT	EXEMPT	EXEMPT			EXEMPT
2010	0	0	0			0
2009	107,708	180,978	288,686	0M		0

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 66,405
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 7
Physical %Good: 87
Func. %Good : 100
Economic %Good: 100

1946 Year Built
Remodeled

Overall Bldg
Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 66405
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 66,405 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.42, Final Square Foot Cost for Upper Floors = 52.983

Total Floor Area: 66,405 Base Cost New of Upper Floors = 3,518,339

Reproduction/Replacement Cost = 3,518,339
Eff.Age:7 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 87 /100/100/100/87.0
Total Depreciated Cost = 3,060,955

Unit in Place Items	Rate	Quantity	Cnty	Arch	%Good	Depr.Cost
EXTRA - PR SIDING	432.00	1	1.42	1.00	87	534
EXTRA - PWR & EQUP	1200.00	1	1.42	1.00	87	1,482
EXTRA - FENCE	2865.00	1	1.42	1.00	87	3,539
EXTRA - PAVING-CONC	2080.00	1	1.42	1.00	87	2,570

ECF (39112) 1.000 => TCV of Bldg: 1 = 3,069,080
Replacement Cost/Floor Area= 53.12 Est. TCV/Floor Area= 46.22

(1) Excavation/Site Prep:

(2) Foundation: Footings
X Poured Conc. Brick/Stone Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None
	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners		

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 144,024
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 7
Physical %Good: 87
Func. %Good : 100
Economic %Good: 100

1937 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 144024
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 144,024 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.42, Final Square Foot Cost for Upper Floors = 52.983

Total Floor Area: 144,024 Base Cost New of Upper Floors = 7,630,829

Reproduction/Replacement Cost = 7,630,829
Eff.Age:7 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 87 /100/100/100/87.0
Total Depreciated Cost = 6,638,822

ECF (39112) 1.000 => TCV of Bldg: 2 = 6,638,822
Replacement Cost/Floor Area= 52.98 Est. TCV/Floor Area= 46.10

(1) Excavation/Site Prep:

(2) Foundation:

	Footings						
X	Poured Conc.		Brick/Stone		Block		

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None
	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners		

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Office Buildings

Class: C
Floor Area: 280
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 7
Physical %Good: 87
Func. %Good : 100
Economic %Good: 100

1943 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 280
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 106.90

Elevator Adjustment (Applied to upper floors rate) Cost/Sq.Ft.: -2.50
Adjusted Square Foot Cost for Upper Floors = 104.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.900
Ave. Floor Area: 280 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 93.96

County Multiplier: 1.42, Final Square Foot Cost for Upper Floors = 133.423

Total Floor Area: 280 Base Cost New of Upper Floors = 37,358

Reproduction/Replacement Cost = 37,358
Eff.Age:7 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 87 /100/100/100/87.0
Total Depreciated Cost = 32,502

ECF (39112) 1.000 => TCV of Bldg: 3 = 32,502
Replacement Cost/Floor Area= 133.42 Est. TCV/Floor Area= 116.08

(1) Excavation/Site Prep:

(2) Foundation: | | Footings | X | Poured Conc. | | Brick/Stone | | Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Industrial - Light Manufacturing

Class: C
Floor Area: 832
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 7
Physical %Good: 87
Func. %Good : 100
Economic %Good: 100

1956 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 832
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 49.00

Adjusted Square Foot Cost for Upper Floors = 49.00

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 832 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 43.12

County Multiplier: 1.42, Final Square Foot Cost for Upper Floors = 61.230

Total Floor Area: 832 Base Cost New of Upper Floors = 50,944

Reproduction/Replacement Cost = 50,944
Eff.Age:7 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 87 /100/100/100/87.0
Total Depreciated Cost = 44,321

Unit in Place Items	Rate	Quantity	Cnty	Arch	%Good	Depr.Cost
EXTRA - TRUCK WELL	490.00	1	1.42	1.00	87	605
EXTRA - PR SIDING	168.00	1	1.42	1.00	87	208
EXTRA - PAVING-CONC	5216.00	1	1.42	1.00	87	6,444
EXTRA - PWR & EQUP	400.00	1	1.42	1.00	87	494

ECF (39112) 1.000 => TCV of Bldg: 4 = 52,072
Replacement Cost/Floor Area= 71.94 Est. TCV/Floor Area= 62.59

(1) Excavation/Site Prep:

(2) Foundation: Footings

X	Poured Conc.		Brick/Stone		Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

	Outlets:		Fixtures:
	Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
	Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 18,676
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 7
Physical %Good: 87
Func. %Good : 100
Economic %Good: 100

1946 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 18676
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 18,676 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.42, Final Square Foot Cost for Upper Floors = 52.983

Total Floor Area: 18,676 Base Cost New of Upper Floors = 989,511

Reproduction/Replacement Cost = 989,511
Eff.Age:7 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 87 /100/100/100/87.0
Total Depreciated Cost = 860,875

ECF (39112) 1.000 => TCV of Bldg: 5 = 860,875
Replacement Cost/Floor Area= 52.98 Est. TCV/Floor Area= 46.10

(1) Excavation/Site Prep:

(2) Foundation: Footings

X	Poured Conc.		Brick/Stone		Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

	Outlets:		Fixtures:
	Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
	Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 10,965
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 7
Physical %Good: 87
Func. %Good : 100
Economic %Good: 100

1937 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 10965
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 10,965 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.42, Final Square Foot Cost for Upper Floors = 52.983

Total Floor Area: 10,965 Base Cost New of Upper Floors = 580,959

Reproduction/Replacement Cost = 580,959
Eff.Age:7 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 87 /100/100/100/87.0
Total Depreciated Cost = 505,434

ECF (39112) 1.000 => TCV of Bldg: 6 = 505,434
Replacement Cost/Floor Area= 52.98 Est. TCV/Floor Area= 46.10

(1) Excavation/Site Prep:

(2) Foundation: | | Footings
X | Poured Conc. | | Brick/Stone | | Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

	Outlets:		Fixtures:
	Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
	Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 6,938
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 7
Physical %Good: 87
Func. %Good : 100
Economic %Good: 100

1946 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 6938
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 6,938 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.42, Final Square Foot Cost for Upper Floors = 52.983

Total Floor Area: 6,938 Base Cost New of Upper Floors = 367,596

Reproduction/Replacement Cost = 367,596
Eff.Age:7 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 87 /100/100/100/87.0
Total Depreciated Cost = 319,809

ECF (39112) 1.000 => TCV of Bldg: 7 = 319,809
Replacement Cost/Floor Area= 52.98 Est. TCV/Floor Area= 46.10

(1) Excavation/Site Prep:

(2) Foundation: Footings

X	Poured Conc.		Brick/Stone		Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

	Outlets:		Fixtures:
	Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
	Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Parcel Number: 21003300.001 Jurisdiction: CITY OF DETROIT County: WAYNE Printed on 11/02/2018

Grantor	Grantee	Sale Price	Sale Date	Inst. Type	Terms of Sale	Liber & Page	Verified By	Prcnt. Trans.
		225,000	08/01/1978	WD	VA-VERIFIED BY APPR	20240:01530	BUYER	0.0

Property Address

11031 SHOEMAKER

Owner's Name/Address

CITY OF DETROIT
CITYOWNED NOT AVAILABLE
65 CADILLAC SQUARE 11TH FLOOR
DETROIT MI 48226

Tax Description

N SHOEMAKER 7 THRU 12THOMAS L RICE SHOEMAKERS SUB L38 P35 PLATS, W C R 21/572 ALSO THAT PT OF SUB OF LOTS 25 & 26 OF THE ST JEAN FARM, PC 26, ALSO PT OF PC 688 DESC AS FOLS BEG AT A PTE IN THE N LINE OF SHOEMAKER AVE 66 FT WD S 62D 42M 48S W 415.97 FT FROM NW COR OF SHOEMAKER AVE 66 FT WD & ST JEAN AVE 66 FT WD TH S 60D 39M 20S W 14.70 FT TH S 62D 44M W 159.31 FT TH S 87D 18M W 146.35 FT TH N 28D 04M 20S W 1236.98 FT TH S60D 50M W 60.39 FT TH N 29D 10M W 90 FT TH N 60D 50M E 61.74 FT TH S 62D 05M E 1292.70 FT

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Class: 700-EXEMPT REAL Zoning: 2011

School: DETROIT SCHOOLS

P.R.E. 0%

WARD#: 21

2013 Est TCV 0 TCV/TFA: 0.00

Building Permit(s)	Date	Number	Status

X Improved | Vacant

Public Improvements

Dirt Road
Gravel Road
Paved Road
Storm Sewer
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

Who When What

Land Value Estimates for Land Table 39112.39112

Description	Frontage	Depth	* Factors * Front	Depth	Rate	%Adj.	Reason	Value
SQ FT RATE A-SQ			430808 SqFt	0.24000	100			103,394
			9.89 Total Acres				Total Est. Land Value =	103,394

Land Improvement Cost Estimates

Description	Rate	CountyMult.	Size	%Good	Cash Value
Commercial/Industrial Local Cost Land Improvements					
Description	Rate	CountyMult.	Size	%Good %Arch.Mult	Cash Value
CONCRETE PAVING (SF)	3.00	1.00	91200.0	77 100	210,672
IND FENCING (LF)	19.00	1.00	1910.0	77 100	27,943
RAIL SPUR (LF)	68.00	1.00	360.0	77 100	18,850
				Total Estimated Land Improvements True Cash Value =	257,465

Year	Land Value	Building Value	Assessed Value	Board of Review	Tribunal/ Other	Taxable Value
2013	EXEMPT	EXEMPT	EXEMPT			EXEMPT
2012	EXEMPT	EXEMPT	EXEMPT			EXEMPT
2011	0	0	0			0
2010	0	0	0			0

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 6,938
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 8
Physical %Good: 85
Func. %Good : 100
Economic %Good: 100

1946 Year Built
Remodeled

Overall Bldg
Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 6938
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 6,938 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.50, Final Square Foot Cost for Upper Floors = 55.968

Total Floor Area: 6,938 Base Cost New of Upper Floors = 388,306

Reproduction/Replacement Cost = 388,306
Eff.Age:8 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 85 /100/100/100/85.0
Total Depreciated Cost = 330,060

ECF (39112) 1.000 => TCV of Bldg: 1 = 330,060
Replacement Cost/Floor Area= 55.97 Est. TCV/Floor Area= 47.57

(1) Excavation/Site Prep:

(2) Foundation:

	Footings				
X	Poured Conc.		Brick/Stone		Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 10,965
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 8
Physical %Good: 85
Func. %Good : 100
Economic %Good: 100

1937 Year Built
Remodeled

Overall Bldg
Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 10965
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 10,965 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.50, Final Square Foot Cost for Upper Floors = 55.968

Total Floor Area: 10,965 Base Cost New of Upper Floors = 613,689

Reproduction/Replacement Cost = 613,689
Eff.Age:8 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 85 /100/100/100/85.0
Total Depreciated Cost = 521,636

ECF (39112) 1.000 => TCV of Bldg: 2 = 521,636
Replacement Cost/Floor Area= 55.97 Est. TCV/Floor Area= 47.57

(1) Excavation/Site Prep:

(2) Foundation:

	Footings						
X	Poured Conc.		Brick/Stone		Block		

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 66,405
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 8
Physical %Good: 85
Func. %Good : 100
Economic %Good: 100

1946 Year Built
Remodeled

Overall Bldg
Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 66405
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 66,405 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.50, Final Square Foot Cost for Upper Floors = 55.968

Total Floor Area: 66,405 Base Cost New of Upper Floors = 3,716,555

Reproduction/Replacement Cost = 3,716,555
Eff.Age:8 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 85 /100/100/100/85.0
Total Depreciated Cost = 3,159,072

Unit in Place Items	Rate	Quantity	Cnty	Arch	%Good	Depr.Cost
EXTRA - PR SIDING	432.00	1	1.50	1.00	85	551
EXTRA - PWR & EQUP	1200.00	1	1.50	1.00	85	1,530
EXTRA - FENCE	2865.00	1	1.50	1.00	85	3,653
EXTRA - PAVING-CONC	2080.00	1	1.50	1.00	85	2,652

ECF (39112) 1.000 => TCV of Bldg: 3 = 3,167,457
Replacement Cost/Floor Area= 56.12 Est. TCV/Floor Area= 47.70

(1) Excavation/Site Prep:

(2) Foundation:

	Footings	X	Poured Conc.		Brick/Stone		Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None
	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners		

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 144,024
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 8
Physical %Good: 85
Func. %Good : 100
Economic %Good: 100

1937 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 144024
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 144,024 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.50, Final Square Foot Cost for Upper Floors = 55.968

Total Floor Area: 144,024 Base Cost New of Upper Floors = 8,060,735

Reproduction/Replacement Cost = 8,060,735
Eff.Age:8 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 85 /100/100/100/85.0
Total Depreciated Cost = 6,851,625

ECF (39112) 1.000 => TCV of Bldg: 4 = 6,851,625
Replacement Cost/Floor Area= 55.97 Est. TCV/Floor Area= 47.57

(1) Excavation/Site Prep:

(2) Foundation: Footings

X	Poured Conc.		Brick/Stone		Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

	Outlets:		Fixtures:
	Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
	Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Office Buildings

Class: C
Floor Area: 280
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 8
Physical %Good: 85
Func. %Good : 100
Economic %Good: 100

1943 Year Built
Remodeled

Overall Bldg
Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 280
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 106.90

Elevator Adjustment (Applied to upper floors rate) Cost/Sq.Ft.: -2.50
Adjusted Square Foot Cost for Upper Floors = 104.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.900
Ave. Floor Area: 280 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 93.96

County Multiplier: 1.50, Final Square Foot Cost for Upper Floors = 140.940

Total Floor Area: 280 Base Cost New of Upper Floors = 39,463

Reproduction/Replacement Cost = 39,463
Eff.Age:8 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 85 /100/100/100/85.0
Total Depreciated Cost = 33,544

ECF (39112) 1.000 => TCV of Bldg: 5 = 33,544
Replacement Cost/Floor Area= 140.94 Est. TCV/Floor Area= 119.80

(1) Excavation/Site Prep:

(2) Foundation:

	Footings	X	Poured Conc.		Brick/Stone		Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Industrial - Light Manufacturing

Class: C
Floor Area: 832
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 8
Physical %Good: 85
Func. %Good : 100
Economic %Good: 100

1956 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 832
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 49.00

Adjusted Square Foot Cost for Upper Floors = 49.00

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 832 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 43.12

County Multiplier: 1.50, Final Square Foot Cost for Upper Floors = 64.680

Total Floor Area: 832 Base Cost New of Upper Floors = 53,814

Reproduction/Replacement Cost = 53,814
Eff.Age:8 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 85 /100/100/100/85.0
Total Depreciated Cost = 45,742

Unit in Place Items	Rate	Quantity	Cnty	Arch	%Good	Depr.Cost
EXTRA - TRUCK WELL	490.00	1	1.50	1.00	85	625
EXTRA - PR SIDING	168.00	1	1.50	1.00	85	214
EXTRA - PAVING-CONC	5216.00	1	1.50	1.00	85	6,650
EXTRA - PWR & EQUP	400.00	1	1.50	1.00	85	510

ECF (39112) 1.000 => TCV of Bldg: 6 = 53,741
Replacement Cost/Floor Area= 75.99 Est. TCV/Floor Area= 64.59

(1) Excavation/Site Prep:

(2) Foundation: | | Footings | X | Poured Conc. | | Brick/Stone | | Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None
	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners		

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 18,676
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 8
Physical %Good: 85
Func. %Good : 100
Economic %Good: 100

1946 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 18676
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 18,676 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.50, Final Square Foot Cost for Upper Floors = 55.968

Total Floor Area: 18,676 Base Cost New of Upper Floors = 1,045,258

Reproduction/Replacement Cost = 1,045,258
Eff.Age:8 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 85 /100/100/100/85.0
Total Depreciated Cost = 888,470

ECF (39112) 1.000 => TCV of Bldg: 7 = 888,470
Replacement Cost/Floor Area= 55.97 Est. TCV/Floor Area= 47.57

(1) Excavation/Site Prep:

(2) Foundation: Footings

X	Poured Conc.		Brick/Stone		Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

	Outlets:		Fixtures:
	Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
	Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Parcel Number: 21003300.001 Jurisdiction: CITY OF DETROIT County: WAYNE Printed on 11/02/2018

Grantor	Grantee	Sale Price	Sale Date	Inst. Type	Terms of Sale	Liber & Page	Verified By	Prcnt. Trans.
		225,000	08/01/1978	WD	NQ	20240:01530	BUYER	0.0

Property Address

11031 SHOEMAKER

Owner's Name/Address

CITY OF DETROIT
CITYOWNED NOT AVAILABLE
65 CADILLAC SQUARE 11TH FLOOR
DETROIT MI 48226

Tax Description

N SHOEMAKER 7 THRU 12THOMAS L RICE SHOEMAKERS SUB L38 P35 PLATS, W C R 21/572 ALSO THAT PT OF SUB OF LOTS 25 & 26 OF THE ST JEAN FARM, PC 26, ALSO PT OF PC 688 DESC AS FOLS BEG AT A PTE IN THE N LINE OF SHOEMAKER AVE 66 FT WD S 62D 42M 48S W 415.97 FT FROM NW COR OF SHOEMAKER AVE 66 FT WD & ST JEAN AVE 66 FT WD TH S 60D 39M 20S W 14.70 FT TH S 62D 44M W 159.31 FT TH S 87D 18M W 146.35 FT TH N 28D 04M 20S W 1236.98 FT TH S60D 50M W 60.39 FT TH N 29D 10M W 90 FT TH N 60D 50M E 61.74 FT TH S 62D 05M E 1292.70 FT

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Class: 700-EXEMPT REAL Zoning: 2011

School: DETROIT SCHOOLS

P.R.E. 0%

WARD#: 21

2014 Est TCV 0 TCV/TFA: 0.00

Building Permit(s)	Date	Number	Status

X Improved | Vacant

Public Improvements

Dirt Road
Gravel Road
Paved Road
Storm Sewer
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

Who When What

Land Value Estimates for Land Table 39112.39112

Description	Frontage	Depth	* Factors * Front	Depth	Rate	%Adj.	Reason	Value
SQ FT RATE A-SQ			430808 SqFt	0.24000	100			103,394
			9.89 Total Acres				Total Est. Land Value =	103,394

Land Improvement Cost Estimates

Description	Rate	CountyMult.	Size	%Good	Cash Value
Commercial/Industrial Local Cost Land Improvements					
Description	Rate	CountyMult.	Size	%Good %Arch.Mult	Cash Value
CONCRETE PAVING (SF)	3.00	1.00	91200.0	74 100	202,464
IND FENCING (LF)	19.00	1.00	1910.0	74 100	26,855
RAIL SPUR (LF)	68.00	1.00	360.0	74 100	18,115
				Total Estimated Land Improvements True Cash Value =	247,434

Year	Land Value	Building Value	Assessed Value	Board of Review	Tribunal/ Other	Taxable Value
2014	EXEMPT	EXEMPT	EXEMPT			EXEMPT
2013	EXEMPT	EXEMPT	EXEMPT			EXEMPT
2012	0	0	0			0
2011	0	0	0			0

ARCHIVED

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 6,938
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 9
Physical %Good: 83
Func. %Good : 100
Economic %Good: 100

1946 Year Built
Remodeled

Overall Bldg
Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 6938
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 6,938 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.55, Final Square Foot Cost for Upper Floors = 57.834

Total Floor Area: 6,938 Base Cost New of Upper Floors = 401,250

Reproduction/Replacement Cost = 401,250
Eff.Age:9 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 83 /100/100/100/83.0
Total Depreciated Cost = 333,037

ECF (39112) 1.000 => TCV of Bldg: 1 = 333,037
Replacement Cost/Floor Area= 57.83 Est. TCV/Floor Area= 48.00

(1) Excavation/Site Prep:

(2) Foundation:

	Footings				
X	Poured Conc.		Brick/Stone		Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures		Urinals
	3-Piece Baths		Wash Bowls
	2-Piece Baths		Water Heaters
	Shower Stalls		Wash Fountains
	Toilets		Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
	Few	Few
	Average	Average
	Many	Many
	Unfinished	Unfinished
	Typical	Typical
	Flex Conduit	Incandescent
	Rigid Conduit	Fluorescent
	Armored Cable	Mercury
	Non-Metalic	Sodium Vapor
	Bus Duct	Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

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*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 10,965
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 9
Physical %Good: 83
Func. %Good : 100
Economic %Good: 100

1937 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 10965
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 10,965 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.55, Final Square Foot Cost for Upper Floors = 57.834

Total Floor Area: 10,965 Base Cost New of Upper Floors = 634,145

Reproduction/Replacement Cost = 634,145
Eff.Age:9 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 83 /100/100/100/83.0
Total Depreciated Cost = 526,341

ECF (39112) 1.000 => TCV of Bldg: 2 = 526,341
Replacement Cost/Floor Area= 57.83 Est. TCV/Floor Area= 48.00

(1) Excavation/Site Prep:

(2) Foundation:

	Footings	X	Poured Conc.		Brick/Stone		Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None
	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners		

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

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*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 66,405
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 9
Physical %Good: 83
Func. %Good : 100
Economic %Good: 100

1946 Year Built
Remodeled

Overall Bldg
Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 66405
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 66,405 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.55, Final Square Foot Cost for Upper Floors = 57.834

Total Floor Area: 66,405 Base Cost New of Upper Floors = 3,840,440

Reproduction/Replacement Cost = 3,840,440
Eff.Age:9 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 83 /100/100/100/83.0
Total Depreciated Cost = 3,187,565

Unit in Place Items	Rate	Quantity	Cnty	Arch	%Good	Depr.Cost
EXTRA - PR SIDING	432.00	1	1.55	1.00	83	556
EXTRA - PWR & EQUP	1200.00	1	1.55	1.00	83	1,544
EXTRA - FENCE	2865.00	1	1.55	1.00	83	3,686
EXTRA - PAVING-CONC	2080.00	1	1.55	1.00	83	2,676

ECF (39112) 1.000 => TCV of Bldg: 3 = 3,196,027
Replacement Cost/Floor Area= 57.99 Est. TCV/Floor Area= 48.13

(1) Excavation/Site Prep:

(2) Foundation:

	Footings			
X	Poured Conc.		Brick/Stone	Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

	Outlets:		Fixtures:
	Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
	Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

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*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 144,024
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 9
Physical %Good: 83
Func. %Good : 100
Economic %Good: 100

1937 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 144024
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 144,024 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.55, Final Square Foot Cost for Upper Floors = 57.834

Total Floor Area: 144,024 Base Cost New of Upper Floors = 8,329,426

Reproduction/Replacement Cost = 8,329,426
Eff.Age:9 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 83 /100/100/100/83.0
Total Depreciated Cost = 6,913,424

ECF (39112) 1.000 => TCV of Bldg: 4 = 6,913,424
Replacement Cost/Floor Area= 57.83 Est. TCV/Floor Area= 48.00

(1) Excavation/Site Prep:

(2) Foundation:

	Footings				
X	Poured Conc.		Brick/Stone		Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

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*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Office Buildings

Class: C
Floor Area: 280
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 9
Physical %Good: 83
Func. %Good : 100
Economic %Good: 100

1943 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 280
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 106.90

Elevator Adjustment (Applied to upper floors rate) Cost/Sq.Ft.: -2.50
Adjusted Square Foot Cost for Upper Floors = 104.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.900
Ave. Floor Area: 280 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 93.96

County Multiplier: 1.55, Final Square Foot Cost for Upper Floors = 145.638

Total Floor Area: 280 Base Cost New of Upper Floors = 40,779

Reproduction/Replacement Cost = 40,779
Eff.Age:9 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 83 /100/100/100/83.0
Total Depreciated Cost = 33,846

ECF (39112) 1.000 => TCV of Bldg: 5 = 33,846
Replacement Cost/Floor Area= 145.64 Est. TCV/Floor Area= 120.88

(1) Excavation/Site Prep:

(2) Foundation:

	Footings						
X	Poured Conc.		Brick/Stone		Block		

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None
	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners		

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

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*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Industrial - Light Manufacturing

Class: C
Floor Area: 832
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 9
Physical %Good: 83
Func. %Good : 100
Economic %Good: 100

1956 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 832
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 49.00

Adjusted Square Foot Cost for Upper Floors = 49.00

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 832 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 43.12

County Multiplier: 1.55, Final Square Foot Cost for Upper Floors = 66.836

Total Floor Area: 832 Base Cost New of Upper Floors = 55,608

Reproduction/Replacement Cost = 55,608
Eff.Age:9 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 83 /100/100/100/83.0
Total Depreciated Cost = 46,154

Unit in Place Items	Rate	Quantity	Cnty	Arch	%Good	Depr.Cost
EXTRA - TRUCK WELL	490.00	1	1.55	1.00	83	630
EXTRA - PR SIDING	168.00	1	1.55	1.00	83	216
EXTRA - PAVING-CONC	5216.00	1	1.55	1.00	83	6,710
EXTRA - PWR & EQUP	400.00	1	1.55	1.00	83	515

ECF (39112) 1.000 => TCV of Bldg: 6 = 54,226
Replacement Cost/Floor Area= 78.52 Est. TCV/Floor Area= 65.18

(1) Excavation/Site Prep:

(2) Foundation:

	Footings						
X	Poured Conc.		Brick/Stone		Block		

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None
	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners		

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

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*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 18,676
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 9
Physical %Good: 83
Func. %Good : 100
Economic %Good: 100

1946 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 18676
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 18,676 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.55, Final Square Foot Cost for Upper Floors = 57.834

Total Floor Area: 18,676 Base Cost New of Upper Floors = 1,080,100

Reproduction/Replacement Cost = 1,080,100
Eff.Age:9 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 83 /100/100/100/83.0
Total Depreciated Cost = 896,483

ECF (39112) 1.000 => TCV of Bldg: 7 = 896,483
Replacement Cost/Floor Area= 57.83 Est. TCV/Floor Area= 48.00

(1) Excavation/Site Prep:

(2) Foundation: | | Footings | X | Poured Conc. | | Brick/Stone | | Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None
	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners		

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

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*** Information herein deemed reliable but not guaranteed***

Parcel Number: 21003300.001 Jurisdiction: CITY OF DETROIT County: WAYNE Printed on 11/02/2018

Grantor	Grantee	Sale Price	Sale Date	Inst. Type	Terms of Sale	Liber & Page	Verified By	Prcnt. Trans.
		225,000	08/01/1978	WD	NQ	20240:01530	BUYER	0.0

Property Address

11031 SHOEMAKER

Owner's Name/Address

CITY OF DETROIT
CITYOWNED NOT AVAILABLE
65 CADILLAC SQUARE 11TH FLOOR
DETROIT MI 48226

Tax Description

N SHOEMAKER 7 THRU 12THOMAS L RICE SHOEMAKERS SUB L38 P35 PLATS, W C R 21/572 ALSO THAT PT OF SUB OF LOTS 25 & 26 OF THE ST JEAN FARM, PC 26, ALSO PT OF PC 688 DESC AS FOLS BEG AT A PTE IN THE N LINE OF SHOEMAKER AVE 66 FT WD S 62D 42M 48S W 415.97 FT FROM NW COR OF SHOEMAKER AVE 66 FT WD & ST JEAN AVE 66 FT WD TH S 60D 39M 20S W 14.70 FT TH S 62D 44M W 159.31 FT TH S 87D 18M W 146.35 FT TH N 28D 04M 20S W 1236.98 FT TH S60D 50M W 60.39 FT TH N 29D 10M W 90 FT TH N 60D 50M E 61.74 FT TH S 62D 05M E 1292.70 FT

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Class: 700-EXEMPT REAL Zoning: 2011

School:

P.R.E. 0%

WARD#: 21

2015 Est TCV 0 TCV/TFA: 0.00

Building Permit(s)	Date	Number	Status

X Improved | Vacant

Public Improvements

- Dirt Road
- Gravel Road
- Paved Road
- Storm Sewer
- 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

Who When What

Land Value Estimates for Land Table 39112.39112

Description	Frontage	Depth	* Factors * Front	Depth	Rate	%Adj.	Reason	Value
SQ FT RATE A-SQ			430808 SqFt	0.24000	100			103,394
			9.89 Total Acres			Total Est. Land Value =		103,394

Land Improvement Cost Estimates

Description	Rate	CountyMult.	Size	%Good	Cash Value
Commercial/Industrial Local Cost Land Improvements					
Description	Rate	CountyMult.	Size	%Good %Arch.Mult	Cash Value
CONCRETE PAVING (SF)	3.00	1.00	91200.0	74 100	202,464
IND FENCING (LF)	19.00	1.00	1910.0	74 100	26,855
RAIL SPUR (LF)	68.00	1.00	360.0	74 100	18,115
			Total Estimated Land Improvements True Cash Value =		247,434

Year	Land Value	Building Value	Assessed Value	Board of Review	Tribunal/ Other	Taxable Value
2015	EXEMPT	EXEMPT	EXEMPT			EXEMPT
2014	EXEMPT	EXEMPT	EXEMPT			EXEMPT
2013	0	0	0			0
2012	0	0	0			0

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 6,938
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 9
Physical %Good: 83
Func. %Good : 100
Economic %Good: 100

1946 Year Built
Remodeled

Overall Bldg
Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 6938
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 6,938 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.55, Final Square Foot Cost for Upper Floors = 57.834

Total Floor Area: 6,938 Base Cost New of Upper Floors = 401,250

Reproduction/Replacement Cost = 401,250
Eff.Age:9 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 83 /100/100/100/83.0
Total Depreciated Cost = 333,037

ECF (39112) 1.000 => TCV of Bldg: 1 = 333,037
Replacement Cost/Floor Area= 57.83 Est. TCV/Floor Area= 48.00

(1) Excavation/Site Prep:

(2) Foundation:

	Footings				
X	Poured Conc.		Brick/Stone		Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 10,965
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 9
Physical %Good: 83
Func. %Good : 100
Economic %Good: 100

1937 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 10965
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 10,965 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.55, Final Square Foot Cost for Upper Floors = 57.834

Total Floor Area: 10,965 Base Cost New of Upper Floors = 634,145

Reproduction/Replacement Cost = 634,145
Eff.Age:9 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 83 /100/100/100/83.0
Total Depreciated Cost = 526,341

ECF (39112) 1.000 => TCV of Bldg: 2 = 526,341
Replacement Cost/Floor Area= 57.83 Est. TCV/Floor Area= 48.00

(1) Excavation/Site Prep:

(2) Foundation:

	Footings						
X	Poured Conc.		Brick/Stone		Block		

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

	Outlets:		Fixtures:
	Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
	Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 66,405
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 9
Physical %Good: 83
Func. %Good : 100
Economic %Good: 100

1946 Year Built
Remodeled

Overall Bldg
Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 66405
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 66,405 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.55, Final Square Foot Cost for Upper Floors = 57.834

Total Floor Area: 66,405 Base Cost New of Upper Floors = 3,840,440

Reproduction/Replacement Cost = 3,840,440
Eff.Age:9 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 83 /100/100/100/83.0
Total Depreciated Cost = 3,187,565

Unit in Place Items	Rate	Quantity	Cnty	Arch	%Good	Depr.Cost
EXTRA - PR SIDING	432.00	1	1.55	1.00	83	556
EXTRA - PWR & EQUP	1200.00	1	1.55	1.00	83	1,544
EXTRA - FENCE	2865.00	1	1.55	1.00	83	3,686
EXTRA - PAVING-CONC	2080.00	1	1.55	1.00	83	2,676

ECF (39112) 1.000 => TCV of Bldg: 3 = 3,196,027
Replacement Cost/Floor Area= 57.99 Est. TCV/Floor Area= 48.13

(1) Excavation/Site Prep:

(2) Foundation: Footings
X Poured Conc. Brick/Stone Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:
Many Above Ave. Average Typical Few None

Total Fixtures		Urinals	
3-Piece Baths		Wash Bowls	
2-Piece Baths		Water Heaters	
Shower Stalls		Wash Fountains	
Toilets		Water Softeners	

(9) Sprinklers:

(10) Heating and Cooling:
Gas Oil Coal Stoker Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few		Few
Average		Average
Many		Many
Unfinished		Unfinished
Typical		Typical
Flex Conduit		Incandescent
Rigid Conduit		Fluorescent
Armored Cable		Mercury
Non-Metalic		Sodium Vapor
Bus Duct		Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:
Thickness Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 144,024
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 9
Physical %Good: 83
Func. %Good : 100
Economic %Good: 100

1937 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 144024
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 144,024 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.55, Final Square Foot Cost for Upper Floors = 57.834

Total Floor Area: 144,024 Base Cost New of Upper Floors = 8,329,426

Reproduction/Replacement Cost = 8,329,426
Eff.Age:9 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 83 /100/100/100/83.0
Total Depreciated Cost = 6,913,424

ECF (39112) 1.000 => TCV of Bldg: 4 = 6,913,424
Replacement Cost/Floor Area= 57.83 Est. TCV/Floor Area= 48.00

(1) Excavation/Site Prep:

(2) Foundation:

	Footings	X	Poured Conc.		Brick/Stone		Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None
	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners		

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Office Buildings

Class: C
Floor Area: 280
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 9
Physical %Good: 83
Func. %Good : 100
Economic %Good: 100

1943 Year Built
Remodeled

Overall Bldg
Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 280
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 106.90

Elevator Adjustment (Applied to upper floors rate) Cost/Sq.Ft.: -2.50
Adjusted Square Foot Cost for Upper Floors = 104.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.900
Ave. Floor Area: 280 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 93.96

County Multiplier: 1.55, Final Square Foot Cost for Upper Floors = 145.638

Total Floor Area: 280 Base Cost New of Upper Floors = 40,779

Reproduction/Replacement Cost = 40,779
Eff.Age:9 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 83 /100/100/100/83.0
Total Depreciated Cost = 33,846

ECF (39112) 1.000 => TCV of Bldg: 5 = 33,846
Replacement Cost/Floor Area= 145.64 Est. TCV/Floor Area= 120.88

(1) Excavation/Site Prep:

(2) Foundation:

	Footings	X	Poured Conc.		Brick/Stone		Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Industrial - Light Manufacturing

Class: C
Floor Area: 832
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 9
Physical %Good: 83
Func. %Good : 100
Economic %Good: 100

1956 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 832
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 49.00

Adjusted Square Foot Cost for Upper Floors = 49.00

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 832 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 43.12

County Multiplier: 1.55, Final Square Foot Cost for Upper Floors = 66.836

Total Floor Area: 832 Base Cost New of Upper Floors = 55,608

Reproduction/Replacement Cost = 55,608
Eff.Age:9 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 83 /100/100/100/83.0
Total Depreciated Cost = 46,154

Unit in Place Items	Rate	Quantity	Cnty	Arch	%Good	Depr.Cost
EXTRA - TRUCK WELL	490.00	1	1.55	1.00	83	630
EXTRA - PR SIDING	168.00	1	1.55	1.00	83	216
EXTRA - PAVING-CONC	5216.00	1	1.55	1.00	83	6,710
EXTRA - PWR & EQUP	400.00	1	1.55	1.00	83	515

ECF (39112) 1.000 => TCV of Bldg: 6 = 54,226
Replacement Cost/Floor Area= 78.52 Est. TCV/Floor Area= 65.18

(1) Excavation/Site Prep:

(2) Foundation: Footings

X	Poured Conc.		Brick/Stone		Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 18,676
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 9
Physical %Good: 83
Func. %Good : 100
Economic %Good: 100

1946 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 18676
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 18,676 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.55, Final Square Foot Cost for Upper Floors = 57.834

Total Floor Area: 18,676 Base Cost New of Upper Floors = 1,080,100

Reproduction/Replacement Cost = 1,080,100
Eff.Age:9 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 83 /100/100/100/83.0
Total Depreciated Cost = 896,483

ECF (39112) 1.000 => TCV of Bldg: 7 = 896,483
Replacement Cost/Floor Area= 57.83 Est. TCV/Floor Area= 48.00

(1) Excavation/Site Prep:

(2) Foundation:

	Footings	X	Poured Conc.		Brick/Stone		Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None
	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners		

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

*** Information herein deemed reliable but not guaranteed***

Parcel Number: 21003300.001 Jurisdiction: CITY OF DETROIT County: WAYNE Printed on 11/02/2018

Grantor	Grantee	Sale Price	Sale Date	Inst. Type	Terms of Sale	Liber & Page	Verified By	Prcnt. Trans.
		225,000	08/01/1978	WD	NQ	20240:01530	BUYER	0.0

Property Address	Class: 700-EXEMPT REAL	Zoning: 2011	Building Permit(s)	Date	Number	Status
11031 SHOEMAKER	School: DETROIT PUBLIC SCHOOLS					
	P.R.E. 0%					
Owner's Name/Address	WARD#: 21					
CITY OF DETROIT CITYOWNED NOT AVAILABLE 65 CADILLAC SQUARE 11TH FLOOR DETROIT MI 48226	2016 Est TCV 0 TCV/TFA: 0.00					

Tax Description

N SHOEMAKER 7 THRU 12THOMAS L RICE SHOEMAKERS SUB L38 P35 PLATS, W C R 21/572 ALSO THAT PT OF SUB OF LOTS 25 & 26 OF THE ST JEAN FARM, PC 26, ALSO PT OF PC 688 DESC AS FOLS BEG AT A PTE IN THE N LINE OF SHOEMAKER AVE 66 FT WD S 62D 42M 48S W 415.97 FT FROM NW COR OF SHOEMAKER AVE 66 FT WD & ST JEAN AVE 66 FT WD TH S 60D 39M 20S W 14.70 FT TH S 62D 44M W 159.31 FT TH S 87D 18M W 146.35 FT TH N 28D 04M 20S W 1236.98 FT TH S60D 50M W 60.39 FT TH N 29D 10M W 90 FT TH N 60D 50M E 61.74 FT TH S 62D 05M E 1292.70 FT

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X Improved | Vacant

Public Improvements

- Dirt Road
- Gravel Road
- Paved Road
- Storm Sewer
- 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

Who	When	What

Land Value Estimates for Land Table 39112.39112

Description	Frontage	Depth	* Factors * Front	Depth	Rate	%Adj.	Reason	Value
SQ FT RATE A-SQ			430808 SqFt	0.24000	100			103,394
			9.89 Total Acres		Total Est. Land Value =			103,394

Land Improvement Cost Estimates

Description	Rate	CountyMult.	Size	%Good	Cash Value
Commercial/Industrial Local Cost Land Improvements					
Description	Rate	CountyMult.	Size	%Good %Arch.Mult	Cash Value
CONCRETE PAVING (SF)	3.00	1.00	91200.0	74 100	202,464
IND FENCING (LF)	19.00	1.00	1910.0	74 100	26,855
RAIL SPUR (LF)	68.00	1.00	360.0	74 100	18,115
			Total Estimated Land Improvements True Cash Value =		247,434

Year	Land Value	Building Value	Assessed Value	Board of Review	Tribunal/ Other	Taxable Value
2016	EXEMPT	EXEMPT	EXEMPT			EXEMPT
2015	EXEMPT	EXEMPT	EXEMPT			EXEMPT
2014	0	0	0			0
2013	0	0	0			0

ARCHIVED

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 6,938
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 9
Physical %Good: 83
Func. %Good : 100
Economic %Good: 100

1946 Year Built
Remodeled

Overall Bldg
Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 6938
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 6,938 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.52, Final Square Foot Cost for Upper Floors = 56.714

Total Floor Area: 6,938 Base Cost New of Upper Floors = 393,483

Reproduction/Replacement Cost = 393,483
Eff.Age:9 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 83 /100/100/100/83.0
Total Depreciated Cost = 326,591

ECF (39112) 1.000 => TCV of Bldg: 1 = 326,591
Replacement Cost/Floor Area= 56.71 Est. TCV/Floor Area= 47.07

(1) Excavation/Site Prep:

(2) Foundation:

	Footings				
X	Poured Conc.		Brick/Stone		Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

ARCHIVED

*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 10,965
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 9
Physical %Good: 83
Func. %Good : 100
Economic %Good: 100

1937 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 10965
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 10,965 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.52, Final Square Foot Cost for Upper Floors = 56.714

Total Floor Area: 10,965 Base Cost New of Upper Floors = 621,872

Reproduction/Replacement Cost = 621,872
Eff.Age:9 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 83 /100/100/100/83.0
Total Depreciated Cost = 516,153

ECF (39112) 1.000 => TCV of Bldg: 2 = 516,153
Replacement Cost/Floor Area= 56.71 Est. TCV/Floor Area= 47.07

(1) Excavation/Site Prep:

(2) Foundation:

	Footings	X	Poured Conc.		Brick/Stone		Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

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*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 66,405
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 9
Physical %Good: 83
Func. %Good : 100
Economic %Good: 100

1946 Year Built
Remodeled

Overall Bldg
Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 66405
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 66,405 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.52, Final Square Foot Cost for Upper Floors = 56.714

Total Floor Area: 66,405 Base Cost New of Upper Floors = 3,766,109

Reproduction/Replacement Cost = 3,766,109
Eff.Age:9 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 83 /100/100/100/83.0
Total Depreciated Cost = 3,125,871

Unit in Place Items	Rate	Quantity	Cnty	Arch	%Good	Depr.Cost
EXTRA - PR SIDING	432.00	1	1.52	1.00	83	545
EXTRA - PWR & EQUP	1200.00	1	1.52	1.00	83	1,514
EXTRA - FENCE	2865.00	1	1.52	1.00	83	3,614
EXTRA - PAVING-CONC	2080.00	1	1.52	1.00	83	2,624

ECF (39112) 1.000 => TCV of Bldg: 3 = 3,134,168
Replacement Cost/Floor Area= 56.86 Est. TCV/Floor Area= 47.20

(1) Excavation/Site Prep:

(2) Foundation: Footings
X Poured Conc. Brick/Stone Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many		Average		Few
	Above Ave.		Typical		None

	Total Fixtures		Urinals
	3-Piece Baths		Wash Bowls
	2-Piece Baths		Water Heaters
	Shower Stalls		Wash Fountains
	Toilets		Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas		Coal		Hand Fired
	Oil		Stoker		Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few		Few
Average		Average
Many		Many
Unfinished		Unfinished
Typical		Typical
Flex Conduit		Incandescent
Rigid Conduit		Fluorescent
Armored Cable		Mercury
Non-Metalic		Sodium Vapor
Bus Duct		Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

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*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 144,024
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 9
Physical %Good: 83
Func. %Good : 100
Economic %Good: 100

1937 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 144024
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 144,024 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.52, Final Square Foot Cost for Upper Floors = 56.714

Total Floor Area: 144,024 Base Cost New of Upper Floors = 8,168,212

Reproduction/Replacement Cost = 8,168,212
Eff.Age:9 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 83 /100/100/100/83.0
Total Depreciated Cost = 6,779,616

ECF (39112) 1.000 => TCV of Bldg: 4 = 6,779,616
Replacement Cost/Floor Area= 56.71 Est. TCV/Floor Area= 47.07

(1) Excavation/Site Prep:

(2) Foundation:

	Footings				
X	Poured Conc.		Brick/Stone		Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures		Urinals
	3-Piece Baths		Wash Bowls
	2-Piece Baths		Water Heaters
	Shower Stalls		Wash Fountains
	Toilets		Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

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*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Office Buildings

Class: C
Floor Area: 280
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 9
Physical %Good: 83
Func. %Good : 100
Economic %Good: 100

1943 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 280
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 106.90

Elevator Adjustment (Applied to upper floors rate) Cost/Sq.Ft.: -2.50
Adjusted Square Foot Cost for Upper Floors = 104.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.900
Ave. Floor Area: 280 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 93.96

County Multiplier: 1.52, Final Square Foot Cost for Upper Floors = 142.819

Total Floor Area: 280 Base Cost New of Upper Floors = 39,989

Reproduction/Replacement Cost = 39,989
Eff.Age:9 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 83 /100/100/100/83.0
Total Depreciated Cost = 33,191

ECF (39112) 1.000 => TCV of Bldg: 5 = 33,191
Replacement Cost/Floor Area= 142.82 Est. TCV/Floor Area= 118.54

(1) Excavation/Site Prep:

(2) Foundation: Footings
X Poured Conc. Brick/Stone Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many		Average		Few
	Above Ave.		Typical		None

	Total Fixtures		Urinals
	3-Piece Baths		Wash Bowls
	2-Piece Baths		Water Heaters
	Shower Stalls		Wash Fountains
	Toilets		Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas		Coal		Hand Fired
	Oil		Stoker		Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few		Few
Average		Average
Many		Many
Unfinished		Unfinished
Typical		Typical
Flex Conduit		Incandescent
Rigid Conduit		Fluorescent
Armored Cable		Mercury
Non-Metalic		Sodium Vapor
Bus Duct		Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

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*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Industrial - Light Manufacturing

Class: C
Floor Area: 832
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 9
Physical %Good: 83
Func. %Good : 100
Economic %Good: 100

1956 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 832
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 49.00

Adjusted Square Foot Cost for Upper Floors = 49.00

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 832 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 43.12

County Multiplier: 1.52, Final Square Foot Cost for Upper Floors = 65.542

Total Floor Area: 832 Base Cost New of Upper Floors = 54,531

Reproduction/Replacement Cost = 54,531
Eff.Age:9 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 83 /100/100/100/83.0
Total Depreciated Cost = 45,261

Unit in Place Items	Rate	Quantity	Cnty	Arch	%Good	Depr.Cost
EXTRA - TRUCK WELL	490.00	1	1.52	1.00	83	618
EXTRA - PR SIDING	168.00	1	1.52	1.00	83	212
EXTRA - PAVING-CONC	5216.00	1	1.52	1.00	83	6,581
EXTRA - PWR & EQUP	400.00	1	1.52	1.00	83	505

ECF (39112) 1.000 => TCV of Bldg: 6 = 53,176
Replacement Cost/Floor Area= 77.00 Est. TCV/Floor Area= 63.91

(1) Excavation/Site Prep:

(2) Foundation: | | Footings
X Poured Conc. | | Brick/Stone | | Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None
	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners		

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

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*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 18,676
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 9
Physical %Good: 83
Func. %Good : 100
Economic %Good: 100

1946 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 18676
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 18,676 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.52, Final Square Foot Cost for Upper Floors = 56.714

Total Floor Area: 18,676 Base Cost New of Upper Floors = 1,059,195

Reproduction/Replacement Cost = 1,059,195
Eff.Age:9 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 83 /100/100/100/83.0
Total Depreciated Cost = 879,132

ECF (39112) 1.000 => TCV of Bldg: 7 = 879,132
Replacement Cost/Floor Area= 56.71 Est. TCV/Floor Area= 47.07

(1) Excavation/Site Prep:

(2) Foundation: | | Footings | X | Poured Conc. | | Brick/Stone | | Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None
	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners		

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

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*** Information herein deemed reliable but not guaranteed***

Parcel Number: 21003300.001 Jurisdiction: CITY OF DETROIT County: WAYNE Printed on 11/02/2018

Grantor	Grantee	Sale Price	Sale Date	Inst. Type	Terms of Sale	Liber & Page	Verified By	Prcnt. Trans.
		225,000	08/01/1978	WD	NQ	20240:01530	BUYER	0.0

Property Address	Class: 700-EXEMPT REAL	Zoning: 2011	Building Permit(s)	Date	Number	Status
11031 SHOEMAKER	School: DETROIT PUBLIC SCHOOLS					
	P.R.E. 0%					
Owner's Name/Address	WARD#: 21					
CITY OF DETROIT CITYOWNED NOT AVAILABLE 65 CADILLAC SQUARE 11TH FLOOR DETROIT MI 48226	2017 Est TCV 0 TCV/TFA: 0.00					

X Improved | Vacant

Land Value Estimates for Land Table I03.I03-Industrial District 3

Description	Frontage	Depth	* Factors * Front	Depth	Rate	%Adj.	Reason	Value
SQ FT RATE BY SIZE		430,828.000 Sq Ft			0.13	100		56,560
		9.89 Total Acres			Total Est. Land Value =			56,560

Tax Description

N SHOEMAKER 7 THRU 12THOMAS L RICE SHOEMAKERS SUB L38 P35 PLATS, W C R 21/572 ALSO THAT PT OF SUB OF LOTS 25 & 26 OF THE ST JEAN FARM, PC 26, ALSO PT OF PC 688 DESC AS FOLS BEG AT A PTE IN THE N LINE OF SHOEMAKER AVE 66 FT WD S 62D 42M 48S W 415.97 FT FROM NW COR OF SHOEMAKER AVE 66 FT WD & ST JEAN AVE 66 FT WD TH S 60D 39M 20S W 14.70 FT TH S 62D 44M W 159.31 FT TH S 87D 18M W 146.35 FT TH N 28D 04M 20S W 1236.98 FT TH S60D 50M W 60.39 FT TH N 29D 10M W 90 FT TH N 60D 50M E 61.74 FT TH S 62D 05M E 1292.70 FT

Public Improvements
- Dirt Road
- Gravel Road
- Paved Road
- Storm Sewer
- 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

Who When What

Year	Land Value	Building Value	Assessed Value	Board of Review	Tribunal/ Other	Taxable Value
2017	EXEMPT	EXEMPT	EXEMPT			EXEMPT
2016	EXEMPT	EXEMPT	EXEMPT			EXEMPT
2015	0	0	0			0
2014	0	0	0			0

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*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 6,938
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 35
Physical %Good: 49
Func. %Good : 100
Economic %Good: 100

1946 Year Built
Remodeled

Overall Bldg
Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 6938
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 6,938 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.57, Final Square Foot Cost for Upper Floors = 58.580

Total Floor Area: 6,938 Base Cost New of Upper Floors = 406,427

Reproduction/Replacement Cost = 406,427
Eff.Age:35 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 49 /100/100/100/49.0
Total Depreciated Cost = 199,149

ECF (I03-Industrial District 3) 1.000 => TCV of Bldg: 1 = 199,149
Replacement Cost/Floor Area= 58.58 Est. TCV/Floor Area= 28.70

(1) Excavation/Site Prep:

(2) Foundation:

	Footings				
X	Poured Conc.		Brick/Stone		Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures		Urinals
	3-Piece Baths		Wash Bowls
	2-Piece Baths		Water Heaters
	Shower Stalls		Wash Fountains
	Toilets		Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

	Outlets:		Fixtures:
	Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
	Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

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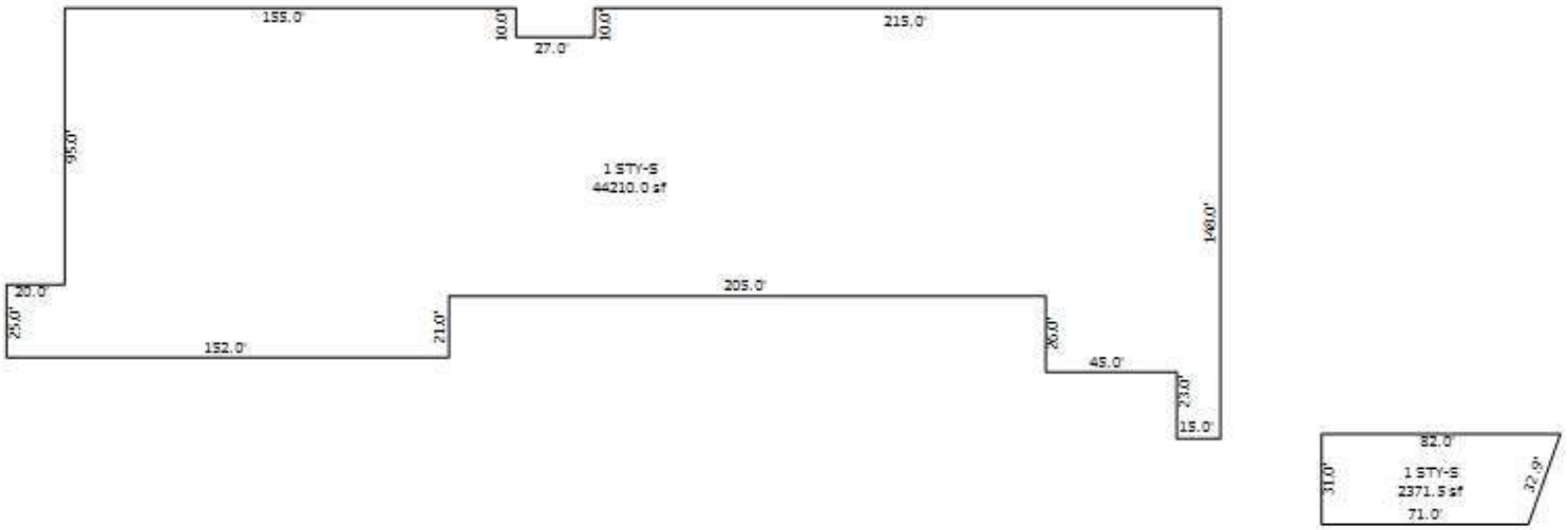
*** Information herein deemed reliable but not guaranteed***



*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 10,965
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 39
Physical %Good: 45
Func. %Good : 100
Economic %Good: 100

1937 Year Built
Remodeled

Overall Bldg
Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 10965
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 10,965 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.57, Final Square Foot Cost for Upper Floors = 58.580

Total Floor Area: 10,965 Base Cost New of Upper Floors = 642,328

Reproduction/Replacement Cost = 642,328
Eff.Age:39 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 45 /100/100/100/45.0
Total Depreciated Cost = 289,048

ECF (I03-Industrial District 3) 1.000 => TCV of Bldg: 2 = 289,048
Replacement Cost/Floor Area= 58.58 Est. TCV/Floor Area= 26.36

(1) Excavation/Site Prep:

(2) Foundation:

	Footings				
X	Poured Conc.		Brick/Stone		Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None

	Total Fixtures		Urinals
	3-Piece Baths		Wash Bowls
	2-Piece Baths		Water Heaters
	Shower Stalls		Wash Fountains
	Toilets		Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
	Few	Few
	Average	Average
	Many	Many
	Unfinished	Unfinished
	Typical	Typical
	Flex Conduit	Incandescent
	Rigid Conduit	Fluorescent
	Armored Cable	Mercury
	Non-Metalic	Sodium Vapor
	Bus Duct	Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

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*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 66,405
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 35
Physical %Good: 49
Func. %Good : 100
Economic %Good: 100

1946 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 66405
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 66,405 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.57, Final Square Foot Cost for Upper Floors = 58.580

Total Floor Area: 66,405 Base Cost New of Upper Floors = 3,889,994

Reproduction/Replacement Cost = 3,889,994
Eff.Age:35 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 49 /100/100/100/49.0
Total Depreciated Cost = 1,906,097

Unit in Place Items	Rate	Quantity	Cnty	Arch	%Good	Depr.Cost
EXTRA - PR SIDING	432.00	1	1.57	1.00	83	563
EXTRA - PWR & EQUP	1200.00	1	1.57	1.00	83	1,564
EXTRA - FENCE	2865.00	1	1.57	1.00	83	3,733
EXTRA - PAVING-CONC	2080.00	1	1.57	1.00	83	2,710

ECF (I03-Industrial District 3) 1.000 => TCV of Bldg: 3 = 1,914,668
Replacement Cost/Floor Area= 58.74 Est. TCV/Floor Area= 28.83

(1) Excavation/Site Prep:

(2) Foundation: Footings
X Poured Conc. | Brick/Stone | Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:
Many Above Ave. | Average Typical | Few None

Total Fixtures | Urinals
3-Piece Baths | Wash Bowls
2-Piece Baths | Water Heaters
Shower Stalls | Wash Fountains
Toilets | Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:
Gas Oil | Coal Stoker | Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:
Thickness | Bsmnt Insul.

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*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 144,024
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 39
Physical %Good: 45
Func. %Good : 100
Economic %Good: 100

1937 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 144024
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 144,024 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.57, Final Square Foot Cost for Upper Floors = 58.580

Total Floor Area: 144,024 Base Cost New of Upper Floors = 8,436,903

Reproduction/Replacement Cost = 8,436,903
Eff.Age:39 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 45 /100/100/100/45.0
Total Depreciated Cost = 3,796,606

ECF (I03-Industrial District 3) 1.000 => TCV of Bldg: 4 = 3,796,606
Replacement Cost/Floor Area= 58.58 Est. TCV/Floor Area= 26.36

(1) Excavation/Site Prep:

(2) Foundation:

	Footings	X	Poured Conc.		Brick/Stone		Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None		
	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners				

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

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*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Office Buildings

Class: C
Floor Area: 280
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 36
Physical %Good: 48
Func. %Good : 100
Economic %Good: 100

1943 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 280
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 106.90

Elevator Adjustment (Applied to upper floors rate) Cost/Sq.Ft.: -2.50
Adjusted Square Foot Cost for Upper Floors = 104.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.900
Ave. Floor Area: 280 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 93.96

County Multiplier: 1.57, Final Square Foot Cost for Upper Floors = 147.517

Total Floor Area: 280 Base Cost New of Upper Floors = 41,305

Reproduction/Replacement Cost = 41,305
Eff.Age:36 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 48 /100/100/100/48.0
Total Depreciated Cost = 19,826

ECF (I03-Industrial District 3) 1.000 => TCV of Bldg: 5 = 19,826
Replacement Cost/Floor Area= 147.52 Est. TCV/Floor Area= 70.81

(1) Excavation/Site Prep:

(2) Foundation:

	Footings						
X	Poured Conc.		Brick/Stone		Block		

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None		
	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners				

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

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*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Industrial - Light Manufacturing

Class: C
Floor Area: 832
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 30
Physical %Good: 55
Func. %Good : 100
Economic %Good: 100

1956 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 832
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 49.00

Adjusted Square Foot Cost for Upper Floors = 49.00

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 832 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 43.12

County Multiplier: 1.57, Final Square Foot Cost for Upper Floors = 67.698

Total Floor Area: 832 Base Cost New of Upper Floors = 56,325

Reproduction/Replacement Cost = 56,325
Eff.Age:30 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 55 /100/100/100/55.0
Total Depreciated Cost = 30,979

Unit in Place Items	Rate	Quantity	Cnty	Arch	%Good	Depr.Cost
EXTRA - TRUCK WELL	490.00	1	1.57	1.00	83	639
EXTRA - PR SIDING	168.00	1	1.57	1.00	83	219
EXTRA - PAVING-CONC	5216.00	1	1.57	1.00	83	6,797
EXTRA - PWR & EQUP	400.00	1	1.57	1.00	83	521

ECF (I03-Industrial District 3) 1.000 => TCV of Bldg: 6 = 39,154
Replacement Cost/Floor Area= 79.54 Est. TCV/Floor Area= 47.06

(1) Excavation/Site Prep:

(2) Foundation: Footings
X Poured Conc. | Brick/Stone | Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:
Many Above Ave. | Average Typical | Few None

Total Fixtures | Urinals
3-Piece Baths | Wash Bowls
2-Piece Baths | Water Heaters
Shower Stalls | Wash Fountains
Toilets | Water Softeners

(9) Sprinklers:

(10) Heating and Cooling:
Gas | Coal | Hand Fired
Oil | Stoker | Boiler

(11) Electric and Lighting:

Outlets:	Fixtures:
Few	Few
Average	Average
Many	Many
Unfinished	Unfinished
Typical	Typical
Flex Conduit	Incandescent
Rigid Conduit	Fluorescent
Armored Cable	Mercury
Non-Metalic	Sodium Vapor
Bus Duct	Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:
Thickness | Bsmnt Insul.

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*** Information herein deemed reliable but not guaranteed***

Desc. of Bldg/Section:
Calculator Occupancy: Warehouses - Storage

Class: C
Floor Area: 18,676
Gross Bldg Area: 248,120
Stories Above Grd: 1
Average Sty Hght
Bsmnt Wall Hght

Depr. Table : 2%
Effective Age : 35
Physical %Good: 49
Func. %Good : 100
Economic %Good: 100

1946 Year Built
Remodeled

Overall Bldg Height

Comments:

Construction Cost

	High		Above Ave.		Ave.	X	Low

** ** Calculator Cost Data ** **
Quality: Good Adj: %+0 $/SqFt:0.00
Heat#1: No Heating or Cooling 0%
Heat#2: Electric, Cable or Baseboard 0%
Ave. SqFt/Story: 18676
Ave. Perimeter
Has Elevators:

*** Basement Info ***
Area:
Perimeter:
Type:
Heat:

* Mezzanine Info *
Area #1:
Type #1:
Area #2:
Type #2:

* Sprinkler Info *
Area:
Type:

<<<<< Calculator Cost Computations >>>>>
Class: C Quality: Good

Base Rate for Upper Floors = 42.40

Adjusted Square Foot Cost for Upper Floors = 42.40

1 Stories Number of Stories Multiplier: 1.000
Average Height per Story: 0 Height per Story Multiplier: 0.880
Ave. Floor Area: 18,676 Perimeter: 0 Perim. Multiplier: 1.000
Refined Square Foot Cost for Upper Floors: 37.31

County Multiplier: 1.57, Final Square Foot Cost for Upper Floors = 58.580

Total Floor Area: 18,676 Base Cost New of Upper Floors = 1,094,037

Reproduction/Replacement Cost = 1,094,037
Eff.Age:35 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 49 /100/100/100/49.0
Total Depreciated Cost = 536,078

ECF (I03-Industrial District 3) 1.000 => TCV of Bldg: 7 = 536,078
Replacement Cost/Floor Area= 58.58 Est. TCV/Floor Area= 28.70

(1) Excavation/Site Prep:

(2) Foundation: | | Footings | X | Poured Conc. | | Brick/Stone | | Block

(3) Frame:

(4) Floor Structure:

(5) Floor Cover:

(6) Ceiling:

(7) Interior:

(8) Plumbing:

	Many Above Ave.		Average Typical		Few None
	Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners		

(9) Sprinklers:

(10) Heating and Cooling:

	Gas Oil		Coal Stoker		Hand Fired Boiler

(11) Electric and Lighting:

Outlets:		Fixtures:
Few Average Many Unfinished Typical		Few Average Many Unfinished Typical
Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct		Incandescent Fluorescent Mercury Sodium Vapor Transformer

(13) Roof Structure: Slope=0

(14) Roof Cover:

(39) Miscellaneous:

(40) Exterior Wall:

	Thickness		Bsmnt Insul.

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*** Information herein deemed reliable but not guaranteed***

Parcel Number: 21003300.001 Jurisdiction: CITY OF DETROIT County: WAYNE Printed on 11/02/2018

Grantor	Grantee	Sale Price	Sale Date	Inst. Type	Terms of Sale	Liber & Page	Verified By	Prcnt. Trans.
		225,000	08/01/1978	WD	NO CONSIDERATION	20240:01530	BUYER	0.0

Property Address

11031 SHOEMAKER

Owner's Name/Address

CITY OF DETROIT
CITYOWNED NOT AVAILABLE
65 CADILLAC SQUARE 11TH FLOOR
DETROIT MI 48226

Tax Description

N SHOEMAKER 7 THRU 12THOMAS L RICE SHOEMAKERS SUB L38 P35 PLATS, W C R 21/572 ALSO THAT PT OF SUB OF LOTS 25 & 26 OF THE ST JEAN FARM, PC 26, ALSO PT OF PC 688 DESC AS FOLS BEG AT A PTE IN THE N LINE OF SHOEMAKER AVE 66 FT WD S 62D 42M 48S W 415.97 FT FROM NW COR OF SHOEMAKER AVE 66 FT WD & ST JEAN AVE 66 FT WD TH S 60D 39M 20S W 14.70 FT TH S 62D 44M W 159.31 FT TH S 87D 18M W 146.35 FT TH N 28D 04M 20S W 1236.98 FT TH S60D 50M W 60.39 FT TH N 29D 10M W 90 FT TH N 60D 50M E 61.74 FT TH S 62D 05M E 1292.70 FT

The Equalizer. Copyright (c) 1999 - 2009. Licensed To: City of Detroit, County of Wayne, Michigan

Class: 302-INDUSTRIAL VAC	Zoning: M4	Building Permit(s)	Date	Number	Status
School: DETROIT PUBLIC SCHOOLS					
P.R.E. 0%					
WARD#: 21					
2018 Est TCV 0					

	Improved	X	Vacant

Public Improvements

- Dirt Road
- Gravel Road
- Paved Road
- Storm Sewer
- 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

Who	When	What

Land Value Estimates for Land Table INDG.INDG-INDUSTRIAL GENERAL GROUP

Description	Frontage	Depth	* Factors * Front	Depth	Rate	%Adj.	Reason	Value
SQ FT RATE BY SIZE			430,808.000 Sq Ft		0.75	100		324,304
			9.89 Total Acres		Total Est. Land Value =			324,304

Year	Land Value	Building Value	Assessed Value	Board of Review	Tribunal/ Other	Taxable Value
2018	EXEMPT	EXEMPT	EXEMPT			EXEMPT
2017	EXEMPT	EXEMPT	EXEMPT			EXEMPT
2016	0	0	0			0
2015	0	0	0			0

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*** Information herein deemed reliable but not guaranteed***

APPENDIX C

PHASE I ESA QUESTIONNAIRE

Property Address: 11031 Shoemaker, Detroit, MI

(1.) Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25). Are you aware of any environmental cleanup liens against the *property* that are filed or recorded under federal, tribal, state or local law? If yes, please describe.

No

(2.) Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26). Are you aware of any AULs, such as *engineering controls*, land use restrictions or *institutional controls* that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law? If yes, please describe.

No

(3.) Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28). Do you have any specialized knowledge or experience related to the *property* or nearby properties? If yes please describe.

No specialized knowledge or experience related to the subject property or nearby properties. The City of Detroit has never owned or operated the subject property. The property is a large vacant/ abandoned industrial property.

(4.) Commonly known or *reasonably ascertainable* information about the *property* (40 CFR 312.30). 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?

(a.) Do you know the past uses of the *property*?

The property was previously owned and operated by Federal Mogul for industrial manufacturing purposes. All past uses are not known currently.

(b.) Do you know of specific chemicals that are present or once were present at the *property*?

Based on a Triage limited subsurface investigation conducted by EGLE-RRD, subsurface soil across the property was identified to be impacted with various volatile organic compounds (VOCs), chlorinated VOCs (i.e., PCE, TCE, DCE, VC, etc.) & PNAs at concentrations above one or more of the EGLE GRCC & GNRCC. For additional details, refer to the Expanded Triage Program – Limited Site Investigation Report prepared by MSG, dated Feb 15, 2022.

(c.) Do you know of spills or other chemical releases that have taken place at the *property*?

No, however based on the Triage investigation conducted it appears that spills and chemical releases previously occurred across the property from different sources.

(d.) Do you know of any Above or below ground storage tanks that are present or once were present at the *property*?

No

(e.) Do you know of any environmental cleanups that have taken place at the *property*?

No

(5.) The degree of obviousness of the presence of likely presence of contamination at the *property*, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31). 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*? If yes please describe.

No knowledge or experience related to the subject property, and I am not aware of any obvious indicators as specified above.

Completed By: Hosam Hassanien, PG, CPG – BSEED-Environmental Affairs Date: 06/12/2023

Title: Environmental Specialist III

Relationship to Property: Potential Purchaser X Owner* Manager Tennant
**: the property is tax-reverted to the City of Detroit.*

APPENDIX D

Photo 1: Looking northeast at the southwestern portion of the vacant former Federal Mogul facility (11031 Shoemaker Street) in Detroit, Wayne County, Michigan.

Photo 2: Looking northwest at the eastern portion of the vacant former Federal Mogul facility which occupies the central portion of the Subject Property. A railroad spur was formerly located in this area.

Photo 3: Looking east at the interior of the southern portion of the vacant former Federal Mogul facility. The facility was highly deteriorated, and the majority of the structure was unsafe to enter. A machine shop formerly occupied this area.

Photo 4: Looking southwest at 55-gallon steel drums observed in the basement of the southern portion of the Subject Property building. Approximately 100 drums were observed in this area.

Photo 5: Looking northwest at more drums and bags of unknown debris in the basement of the southern portion of the Subject Property building. The contents of the bags and drums were not able to be determined.

Photo 6: Looking southeast at a hazardous waste label on a drum within the basement of the Subject Property building. The label was incomplete, and the drum contents were unable to be determined. Most drums appeared to be empty.

Photo 7: Looking southeast at a deteriorated drum in the basement of the Subject Property building. The former contents of the drum were unable to be determined but constitutes a Recognized Environmental Condition (REC).

Photo 8: Looking southwest at the location of ten former Underground Storage Tanks which were previously removed from the Subject Property. USTs contained mineral spirits, honing oil, quench oil, cutting oil, and hydraulic oil.

Photo 9: Looking northwest at the remnants of the former power plant in the north-central portion of the Subject Property. Bricks, mortar, and a stack are all that remains of the former power plant.

Photo 10: Looking east at one of several soil piles located in the northern portion of the Subject Property. The origin and historical use of the soil is unknown.

Photo 11: Looking northwest at one of several former dynamometer test pads located in the northwest portion of the Subject Property. The test pads have since been filled with concrete.

Photo 12: Looking northwest at an apparent former basin/pit of unknown use in the northwestern portion of the Subject Property. A lead foundry was formerly located in this area.

Photo 13: Looking northwest at concrete filled trenches in the northwestern portion of the Subject Property. A lead foundry and machine shop were formerly located in this area.

Photo 14: Looking southeast at apparent machine pads in the north-central portion of the Subject Property. The former use of these features is unknown. Sand storage and an oil pump house were formerly located in this area.

Photo 15: Looking east at railroad tracks which adjoin the Subject Property to the north and northeast.

Photo 16: Looking northeast at an unused stack on the Wayne County Community College property (5901 St. Jean Street) which adjoins the Subject Property to the north, beyond the railroad tracks.

Photo 17: Looking north at the entrance to the commercial property (11081 Shoemaker Street) which adjoins the Subject Property to the east. Construction activity was occurring on this site at the time of site reconnaissance.

Photo 18: Looking southeast at the Detroit Department of Transportation Shoemaker Bus Terminal (11200 Shoemaker and 5149 St. Jean Street) which adjoins the Subject Property to the southeast, beyond Shoemaker Street.

Photo 19: Looking southeast at a residential dwelling (11044 Shoemaker Street) which adjoins the Subject Property to the south, beyond Shoemaker Street.

Photo 20: Looking southwest at a vacant lot (11000 Shoemaker Street) which adjoins the Subject Property to the southwest, beyond Shoemaker Street.

Photo 21: Looking north at occupied residential dwellings which adjoin the Subject Property to the west, along Fairview Street.

Photo 22: Looking southwest at vacant and occupied residential dwellings which adjoin the Subject Property to the west, along Fairview Street.

APPENDIX E

Detroit Demo Phase I ESA ENV 05.15.2023A1
11031 Shoemaker
Detroit, MI 48213

Inquiry Number: 7338110.2s
May 16, 2023

The EDR Radius Map™ Report with GeoCheck®

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

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

11031 SHOEMAKER
DETROIT, MI 48213

COORDINATES

Latitude (North):	42.3910830 - 42° 23' 27.89''
Longitude (West):	82.9886880 - 82° 59' 19.27''
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	336306.3
UTM Y (Meters):	4694900.5
Elevation:	604 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	14450092 GROSSE POINTE, MI
Version Date:	2019
Southeast Map:	14450088 BELLE ISLE, MI
Version Date:	2019
Southwest Map:	14468133 DETROIT, MI
Version Date:	2019
Northwest Map:	14468149 HIGHLAND PARK, MI
Version Date:	2019

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140628
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
11031 SHOEMAKER
DETROIT, MI 48213

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	CITY OF DETROIT	11031 SHOEMAKER ST	MI LUST, MI AUL, MI BROWNFIELDS, MI INVENTORY, MI...		TP
A2	FEDERAL-MOGUL SITE	11031 SHOEMAKER ST	FINDS		TP
A3	FORMER FEDERAL MOGUL	11031 SHOEMAKER,	MI AUL		TP
A4	FEDERAL-MOGUL SITE	11031 SHOEMAKER ST	ECHO		TP
A5	CITY OF DETROIT	11031 SHOEMAKER ST	MI LUST, MI UST		TP
A6	FEDERAL-MOGUL CORP	11031 SHOEMAKER ST.	LEAD SMELTERS		TP
A7	CITY OF DETROIT	11031 SHOEMAKER	MI RGA LUST		TP
A8	FEDERAL-MOGUL SITE	11031 SHOEMAKER ST	SEMS, PRP, LEAD SMELTERS		TP
B9	FORMER GAS STATION	11000 SHOEMAKER ST	MI UST	Higher	112, 0.021, South
B10	MI DEPT/NATURAL RESO	11000 SHOEMAKER ST	RCRA NonGen / NLR	Higher	112, 0.021, South
B11	FORMER GAS STATION	11000 SHOEMAKER ST	MI LUST, MI INVENTORY, MI WDS	Higher	112, 0.021, South
B12	WEBER S SERVICE	11000 SHOEMAKER AVE	EDR Hist Auto	Higher	112, 0.021, South
13	JACK S STANDARD SERV	11255 SHOEMAKER AVE	EDR Hist Auto	Lower	122, 0.023, SE
C14	HURRICANE INDUSTRIES	5640 SAINT JEAN ST	MI LUST, MI UST	Lower	305, 0.058, NE
C15	HURRICANE INDUSTRIES	5640 SAINT JEAN ST	RCRA NonGen / NLR	Lower	305, 0.058, NE
16	DETROIT DROP HAMMER	11400 SHOEMAKER ST	RCRA NonGen / NLR, FINDS, ECHO	Lower	346, 0.066, ESE
17	HERN YARD	11002 HERN ST	MI LUST, MI UST, MI Financial Assurance, MI WDS	Lower	355, 0.067, NNW
D18	INDIAN REFINING CO	10945 SHOEMAKER AVE	EDR Hist Auto	Higher	375, 0.071, SW
D19	GERTIN BROS GARAGE	10920 SHOEMAKER AVE	EDR Hist Auto	Higher	395, 0.075, SSW
D20	POULOS JOHN	10929 SHOEMAKER AVE	EDR Hist Cleaner	Higher	444, 0.084, SW
C21	MICHIGAN BELL TELEPH	5664 SAINT JEAN ST	RCRA NonGen / NLR	Lower	445, 0.084, NE
C22	ST JEAN 5664 BURIED	5664 ST. JEAN	MI PART 201, MI INVENTORY	Lower	445, 0.084, NE
D23	SHOEMAKER QUALITY CL	10923 SHOEMAKER	EDR Hist Cleaner	Higher	494, 0.094, SW
D24	A AND M CLEANERS	10858 SHOEMAKER AVE	EDR Hist Cleaner	Higher	584, 0.111, SW
E25	DDOT BUS FACILITY	5151 ST. JEAN	US BROWNFIELDS, FINDS	Lower	636, 0.120, SE
E26	DOT SHOEMAKER REHAB	5151 SAINT JEAN	RCRA-VSQG, FINDS, ECHO	Lower	636, 0.120, SE
E27	CITY OF DETROIT	5149 SAINT JEAN ST	RCRA-VSQG, FINDS, ECHO	Lower	641, 0.121, SE
E28	DDOT SHOEMAKER GARAG	5149 SAINT JEAN ST	MI LUST, MI UST, MI INVENTORY, MI Financial...	Lower	641, 0.121, SE
F29	EASTSIDE OIL CO INC	11001 HERN ST	MI UST	Lower	649, 0.123, NW
F30	11001 HERN STREET	11001 HERN ST	MI INVENTORY	Lower	649, 0.123, NW
F31	ROSEMARY DILLON/VITO	11001 HERN ST	MI AST	Lower	649, 0.123, NW
32	MET-L-AID INC	5808 ST JEAN	RCRA NonGen / NLR, ICIS, US AIRS, FINDS, ECHO	Lower	650, 0.123, NNE
E33	ATLAS WHOLESALE FOOD	5100 SAINT JEAN ST	RCRA NonGen / NLR, FINDS, ECHO	Lower	744, 0.141, SE
34	BW&T REAL ESTATE DEV	11511 SHOEMAKER ST	MI UST	Lower	756, 0.143, ENE
G35	ST JEAN BRUSH BURNER	5865 SAINT JEAN ST	MI HIST LF	Lower	785, 0.149, North
G36	ST. JEAN BRUSH BURNE	5865 ST. JEAN	MI HIST LF	Lower	785, 0.149, North
G37	ST JEAN INCINERATOR	5865 SAINT JEAN ST	MI HIST LF	Lower	785, 0.149, North
38	5066 ST. JEAN STREET	5066 ST. JEAN STREET	MI INVENTORY, MI BEA	Lower	901, 0.171, SE
39	HUTCHINSON ELEMENTAR	5221 MONTCLAIR ST	RCRA NonGen / NLR	Higher	949, 0.180, SSW

MAPPED SITES SUMMARY

Target Property Address:
11031 SHOEMAKER
DETROIT, MI 48213

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
40	MET-L-AID INC		PFAS ECHO	Lower	1026, 0.194, North
H41	SAMARITAN CENTER	5555 CONNER STREET	MI AIRS, MI BEA	Higher	1122, 0.213, ENE
H42	SAMARITAN MANOR	5555 CONNER ST	RCRA-VSQG	Higher	1122, 0.213, ENE
H43	SAMARITAN CENTER INC	5555 CONNER ST	MI UST	Higher	1122, 0.213, ENE
I44	WCCC EASTERN CAMPUS	5901 CONNER ST	MI UST	Higher	1136, 0.215, NNE
I45	WOODWARD DETROIT CVS	5901 CONNER ST, SUIT	RCRA-VSQG	Higher	1136, 0.215, NNE
I46	WAYNE COUNTY COMMUNI	5901 CONNER ST	RCRA-VSQG, FINDS, ECHO	Higher	1136, 0.215, NNE
47	METRO OIL CO	10700 SHOEMAKER ST	MI UST	Higher	1168, 0.221, WSW
J48	3827-4711 ST JEAN ST	3827-4711 ST. JEAN S	MI INVENTORY, MI BEA	Lower	1187, 0.225, SE
K49	CONSOLIDATED RAIL CO	10900 HARPER AVE	RCRA-VSQG	Higher	1202, 0.228, NW
K50	PVS CHEMICALS INC	10900 HARPER AVE	MI LUST, MI UST, MI ASBESTOS, MI WDS	Higher	1202, 0.228, NW
K51	PVS CHEMICALS INC	10900 HARPER AVE	RCRA-VSQG	Higher	1202, 0.228, NW
52	5220 FRENCH ROAD	5220 FRENCH ROAD	MI INVENTORY, MI BEA	Higher	1214, 0.230, SSW
H53	5555 CONNER AVE. AND	5555 CONNER AVE. AND	MI INVENTORY, MI BEA	Higher	1233, 0.234, ENE
54	FRENCH MINI MART INC	5680 FRENCH RD	MI LUST, MI UST, MI Financial Assurance, MI WDS	Higher	1238, 0.234, West
L55	SPECIAL TOUCH COLLIS	10949 E WARREN	MI BROWNFIELDS	Higher	1252, 0.237, South
L56	SPECIAL TOUCH COLISI	10949 E WARREN AVE	MI UST	Higher	1252, 0.237, South
57	CERTIFIED PLATING IN	11110 E WARREN AVE	RCRA NonGen / NLR, FINDS, ECHO	Lower	1261, 0.239, SSE
H58	CITY OF DETROIT CHAN	5650 CONNER ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	1283, 0.243, ENE
H59	GSD CHANDLER PARK SE	5650 CONNER ST	MI LUST, MI UST, MI Financial Assurance, MI WDS	Higher	1283, 0.243, ENE
J60	PRICES USED CARS	11409 E WARREN AVE	MI LUST, MI UST, MI INVENTORY, MI WDS	Lower	1292, 0.245, SE
L61	BENZ FAIRVIEW SERVIC	11000 E WARREN AVE	MI LUST, MI UST	Higher	1357, 0.257, SSE
J62	11244 EAST WARREN AV	11244 EAST WARREN AV	MI INVENTORY, MI BEA	Lower	1360, 0.258, SE
M63	PRESSURE VESSEL SERV	11000-11050 HARPER A	MI BEA	Higher	1412, 0.267, NW
M64	REFINING CO/FRUEHAUF	11000 HARPER AVE	MI LUST, MI UST, MI INVENTORY, MI BEA	Higher	1412, 0.267, NW
N65	C W MUNGO CONTRACTIN	10610 SHOEMAKER ST	MI AUL, MI INVENTORY, MI BEA, MI WDS	Higher	1501, 0.284, WSW
N66	C W MUNGO CONTRACTIN	10610 SHOEMAKER ST	MI LUST, MI UST, RCRA NonGen / NLR, FINDS, ECHO	Higher	1501, 0.284, WSW
N67	FORMER GAS STATION	10540 SHOEMAKER ST	MI LUST	Higher	1705, 0.323, WSW
O68	10825 HARPER AVENUE	10825 HARPER AVE	MI INVENTORY	Higher	1743, 0.330, NW
O69	PVS TECHNOLOGIES INC	10825 HARPER AVE	MI LUST, MI UST, MI AIRS, MI WDS	Higher	1743, 0.330, NW
P70	FORMER JOY PROPERTY	4819 FAIRVIEW ST	MI INVENTORY, MI BEA	Higher	1776, 0.336, SSE
P71	FORMER JOY PROPERTY	4819 FAIRVIEW ST	MI LUST, MI UST	Higher	1776, 0.336, SSE
72	10631 E. WARREN	10631 E. WARREN, & 1	MI INVENTORY	Higher	1783, 0.338, SSW
73	DETROIT PESTICIDE PR	4700 FRENCH STREET	SEMS-ARCHIVE	Higher	1903, 0.360, South
Q74	L & HM INC.	11585 HARPER AVE	MI LUST, MI UST	Higher	2022, 0.383, North
Q75	L & HM INC.	11585 HARPER AVE.	MI INVENTORY	Higher	2022, 0.383, North
R76	5250 CONNER STREET -	5250 CONNER ST.	MI BROWNFIELDS	Lower	2146, 0.406, East
R77	5250 CONNOR DETROIT	5250 CONNOR ST.	US BROWNFIELDS	Lower	2146, 0.406, East
R78	5250 CONNER STREET	5250 CONNER ST.	MI BROWNFIELDS	Lower	2146, 0.406, East

MAPPED SITES SUMMARY

Target Property Address:
11031 SHOEMAKER
DETROIT, MI 48213

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
79	CARCO INC	10333 SHOEMAKER ST	RCRA-VSQG, MI LUST, MI UST, FINDS, ECHO, MI WDS	Higher	2252, 0.427, WSW
80	PVS TECHNOLOGIES INC	6600 FRENCH RD	MI LUST, MI UST, MI AUL, MI INVENTORY, MI WDS	Higher	2308, 0.437, NW
81	FIRESTONE SVC CTR	11919 E WARREN AVE	MI LUST, MI UST, RCRA NonGen / NLR, FINDS, ECHO,...	Lower	2330, 0.441, ESE
82	SUN UP SUN DOWN AUTO	10586 KNODELL	MI BROWNFIELDS, MI PART 201, MI INVENTORY, MI WDS	Higher	3060, 0.580, NW
83	AIRPORT TRAILER PARK	10640 GRATIOT AVENUE	MI BROWNFIELDS, MI PART 201, MI INVENTORY, MI...	Higher	3570, 0.676, NNW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
CITY OF DETROIT 11031 SHOEMAKER ST DETROIT, MI 48213	MI LUST Release Status: Open Substance Release: Used Oil,Other,Other,Other,Other,Other,Other,Other,Other,Other Facility Id: 00041622 MI AUL Facility ID: 00041622 MI BROWNFIELDS Database: BROWNFIELDS, Date of Government Version: 08/25/2022 Facility Id: 50005118 Ernie Id Number: 82001891 MI INVENTORY Facility ID: 41622 Facility ID: 82008797 MI WDS Site Id: MIG000022050 WMD Id: 452075	N/A
FEDERAL-MOGUL SITE 11031 SHOEMAKER ST DETROIT, MI 48213	FINDS Registry ID:: 110046120372	N/A
FORMER FEDERAL MOGUL 11031 SHOEMAKER, DETROIT, MI 48213	MI AUL Facility ID: 00041622	N/A
FEDERAL-MOGUL SITE 11031 SHOEMAKER ST DETROIT, MI 48213	ECHO Registry ID: 110046120372	N/A
CITY OF DETROIT 11031 SHOEMAKER ST DETROIT, MI 48213	MI LUST Release Status: Open Substance Release: Other Substance Release: Used Oil Facility Id: 41622 MI UST Database: UST, Date of Government Version: 11/30/2022 Tank Status: Removed from Ground Facility Type: CLOSED Facility Id: 00041622	N/A
FEDERAL-MOGUL CORP 11031 SHOEMAKER ST. DETROIT, MI	LEAD SMELTERS Database: LEAD SMELTER 2, Date of Government Version: 04/05/2001	N/A

EXECUTIVE SUMMARY

Site number:: 397

CITY OF DETROIT 11031 SHOEMAKER DETROIT, MI	MI RGA LUST Facility ID: 41622	N/A
FEDERAL-MOGUL SITE 11031 SHOEMAKER ST DETROIT, MI 48213	SEMS Site ID: 0510764 EPA Id: MIN000510764 PRP LEAD SMELTERS Database: LEAD SMELTER 1, Date of Government Version: 01/25/2023 Site ID:: 0510764 EPAID:: MIN000510764	MIN000510764

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

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

Lists of Federal Delisted NPL sites

Delisted NPL ---------- National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY ---------- Federal Facility Site Information listing

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS ---------- Corrective Action Report

Lists of Federal RCRA TSD facilities

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

Lists of Federal RCRA generators

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

RCRA-SQG ---- RCRA - Small Quantity Generators

Federal institutional controls / engineering controls registries

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

Federal ERNS list

ERNS ---- Emergency Response Notification System

Lists of state- and tribal hazardous waste facilities

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

Lists of state and tribal landfills and solid waste disposal facilities

MI SWF/LF ---- Solid Waste Facilities Database

Lists of state and tribal leaking storage tanks

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

Lists of state and tribal registered storage tanks

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

Lists of state and tribal voluntary cleanup sites

INDIAN VCP ---- Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

MI SWRCY ---- Recycling Facilities
INDIAN ODI ---- Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9 ---- Torres Martinez Reservation Illegal Dump Site Locations
ODI ---- Open Dump Inventory
IHS OPEN DUMPS ---- Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

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

Local Land Records

MI LIENS ---- Lien List

LIENS 2 ---------- CERCLA Lien Information

Records of Emergency Release Reports

HMIRS ---------- Hazardous Materials Information Reporting System
MI 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
PADS ---------- PCB Activity Database 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
US MINES ---------- Mines Master Index File
ABANDONED MINES ---------- Abandoned Mines
DOCKET HWC ---------- Hazardous Waste Compliance Docket Listing
UXO ---------- Unexploded Ordnance Sites
FUELS PROGRAM ---------- EPA Fuels Program Registered Listing
PFAS NPL ---------- Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES ---------- Federal Sites PFAS Information
PFAS TSCA ---------- PFAS Manufacture and Imports Information
PFAS RCRA MANIFEST ---------- PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR ---------- PFAS Contamination Site Location Listing
PFAS WQP ---------- Ambient Environmental Sampling for PFAS
PFAS NPDES ---------- Clean Water Act Discharge Monitoring Information
PFAS ECHO FIRE TRAINING ---------- Facilities in Industries that May Be Handling PFAS Listing
PFAS PART 139 AIRPORT ---------- All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC ---------- Aqueous Foam Related Incidents Listing
MI PFAS ---------- PFAS Contaminated Sites Listing
MI COAL ASH ---------- Coal Ash Disposal Sites
MI DRYCLEANERS ---------- Drycleaning Establishments
MI LEAD ---------- Lead Safe Housing Registry
MI NPDES ---------- List of Active NPDES Permits

EXECUTIVE SUMMARY

MI UIC ---------- Underground Injection Wells Database
PFAS TRIS ---------- List of PFAS Added to the TRI
MINES MRDS ---------- Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP ---------- EDR Proprietary Manufactured Gas Plants

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

MI RGA PART 201 ---------- Recovered Government Archive State Hazardous Waste Facilities List
MI RGA LF ---------- Recovered Government Archive Solid Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal CERCLA sites with NFRAP

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

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 01/25/2023 has revealed that there is 1 SEMS-ARCHIVE site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DETROIT PESTICIDE PR	4700 FRENCH STREET	S 1/4 - 1/2 (0.360 mi.)	73	205

EXECUTIVE SUMMARY

Site ID: 0507646
EPA Id: MI0001273473

Lists of Federal RCRA generators

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

A review of the RCRA-VSQG list, as provided by EDR, and dated 03/06/2023 has revealed that there are 7 RCRA-VSQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAMARITAN MANOR EPA ID:: MIK207865926	5555 CONNER ST	ENE 1/8 - 1/4 (0.213 mi.)	H42	113
WOODWARD DETROIT CVS EPA ID:: MIK145167119	5901 CONNER ST, SUIT	NNE 1/8 - 1/4 (0.215 mi.)	I45	122
WAYNE COUNTY COMMUNI EPA ID:: MID981801459	***5901 CONNER ST***	***NNE 1/8 - 1/4 (0.215 mi.)***	***I46***	***125***
CONSOLIDATED RAIL CO EPA ID:: MIK668348915	10900 HARPER AVE	NW 1/8 - 1/4 (0.228 mi.)	K49	134
PVS CHEMICALS INC EPA ID:: MIR000035600	10900 HARPER AVE	NW 1/8 - 1/4 (0.228 mi.)	K51	140

Lower Elevation	Address	Direction / Distance	Map ID	Page
DOT SHOEMAKER REHAB EPA ID:: MID985598572	***5151 SAINT JEAN***	***SE 0 - 1/8 (0.120 mi.)***	***E26***	***58***
CITY OF DETROIT EPA ID:: MI0000113654	***5149 SAINT JEAN ST***	***SE 0 - 1/8 (0.121 mi.)***	***E27***	***61***

Lists of state and tribal leaking storage tanks

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

A review of the MI LUST list, as provided by EDR, and dated 02/13/2023 has revealed that there are 18 MI LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORMER GAS STATION Release Status: Open Substance Release: Gasoline	***11000 SHOEMAKER ST***	***S 0 - 1/8 (0.021 mi.)***	***B11***	***35***

Substance Release: Other Substance Release: Waste Oil Substance Release: Unknown Facility Id: 50005233				
PVS CHEMICALS INC Release Status: Closed Substance Release: Gasoline Facility Id: 6711 Facility Id: 00006711	***10900 HARPER AVE***	***NW 1/8 - 1/4 (0.228 mi.)***	***K50***	***137***
FRENCH MINI MART INC Release Status: Closed Substance Release: Unknown Facility Id: 10491 Facility Id: 00010491	***5680 FRENCH RD***	***W 1/8 - 1/4 (0.234 mi.)***	***54***	***146***
GSD CHANDLER PARK SE Release Status: Closed Substance Release: Gasoline Facility Id: 00019064 Facility Id: 19064	***5650 CONNER ST***	***ENE 1/8 - 1/4 (0.243 mi.)***	***H59***	***161***
BENZ FAIRVIEW SERVIC Release Status: Closed Facility Id: 00018946 Facility Id: 18946	***11000 E WARREN AVE***	***SSE 1/4 - 1/2 (0.257 mi.)***	***L61***	***173***
REFINING CO/FRUEHAUF Release Status: Open Substance Release: Gasoline,Unknown Facility Id: 39308 Facility Id: 00039308	***11000 HARPER AVE***	***NW 1/4 - 1/2 (0.267 mi.)***	***M64***	***179***
C W MUNGO CONTRACTIN Release Status: Closed Substance Release: Unknown Facility Id: 37990 Facility Id: 00037990	***10610 SHOEMAKER ST***	***WSW 1/4 - 1/2 (0.284 mi.)***	***N66***	***185***
FORMER GAS STATION Release Status: Closed Substance Release: Unknown Facility Id: 50005341	10540 SHOEMAKER ST	WSW 1/4 - 1/2 (0.323 mi.)	N67	197
PVS TECHNOLOGIES INC Release Status: Closed Facility Id: 33676 Facility Id: 00033676	***10825 HARPER AVE***	***NW 1/4 - 1/2 (0.330 mi.)***	***O69***	***198***
FORMER JOY PROPERTY Release Status: Open Substance Release: Gasoline Facility Id: 00042641 Facility Id: 42641	***4819 FAIRVIEW ST***	***SSE 1/4 - 1/2 (0.336 mi.)***	***P71***	***203***
L & HM INC. Release Status: Open Substance Release: Gasoline Facility Id: 10000504	***11585 HARPER AVE***	***N 1/4 - 1/2 (0.383 mi.)***	***Q74***	***207***
CARCO INC	***10333 SHOEMAKER ST***	***WSW 1/4 - 1/2 (0.427 mi.)***	***79***	***220***

Release Status: Closed
Substance Release: Unknown
Facility Id: 00014103
Facility Id: 14103

PVS TECHNOLOGIES INC	***6600 FRENCH RD***	***NW 1/4 - 1/2 (0.437 mi.)***	***80***	***225***

Release Status: Closed
Substance Release: Diesel
Facility Id: 37660
Facility Id: 00037660

Lower Elevation	Address	Direction / Distance	Map ID	Page
HURRICANE INDUSTRIES	***5640 SAINT JEAN ST***	***NE 0 - 1/8 (0.058 mi.)***	***C14***	***38***

Release Status: Closed
Substance Release: Diesel
Facility Id: 34880
Facility Id: 00034880

HERN YARD	***11002 HERN ST***	***NNW 0 - 1/8 (0.067 mi.)***	***17***	***47***

Release Status: Closed
Substance Release: Unknown
Facility Id: 8526
Facility Id: 00008526

DDOT SHOEMAKER GARAG	***5149 SAINT JEAN ST***	***SE 0 - 1/8 (0.121 mi.)***	***E28***	***65***

Release Status: Open
Substance Release: Diesel
Substance Release: Used Oil
Substance Release: Unknown
Facility Id: 13466
Facility Id: 00013466

PRICES USED CARS	***11409 E WARREN AVE***	***SE 1/8 - 1/4 (0.245 mi.)***	***J60***	***169***

Release Status: Open
Substance Release: Unknown
Facility Id: 33505
Facility Id: 00033505

FIRESTONE SVC CTR	***11919 E WARREN AVE***	***ESE 1/4 - 1/2 (0.441 mi.)***	***81***	***229***

Release Status: Closed
Substance Release: Used Oil
Facility Id: 7815
Facility Id: 00007815

Lists of state and tribal registered storage tanks

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

A review of the MI UST list, as provided by EDR, has revealed that there are 14 MI UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORMER GAS STATION	11000 SHOEMAKER ST	S 0 - 1/8 (0.021 mi.)	B9	23

Database: UST 2, Date of Government Version: 01/28/2022
Database: UST, Date of Government Version: 11/30/2022

Tank Status: Non-Registered Tank
Facility ID: 50005233
Facility Type: CLOSED
Facility Id: 50005233

SAMARITAN CENTER INC | 5555 CONNER ST | ENE 1/8 - 1/4 (0.213 mi.) | H43 | 116
Database: UST, Date of Government Version: 11/30/2022
Tank Status: Removed from Ground
Tank Status: Currently In Use
Facility Type: ACTIVE
Facility Id: 00035730

WCCC EASTERN CAMPUS | 5901 CONNER ST | NNE 1/8 - 1/4 (0.215 mi.) | I44 | 118
Database: UST, Date of Government Version: 11/30/2022
Tank Status: Removed from Ground
Facility Type: CLOSED
Facility Id: 00007548

METRO OIL CO | 10700 SHOEMAKER ST | WSW 1/8 - 1/4 (0.221 mi.) | 47 | 130
Database: UST, Date of Government Version: 11/30/2022
Tank Status: Non-Registered Tank
Facility Type: CLOSED
Facility Id: 50002631

PVS CHEMICALS INC | 10900 HARPER AVE | NW 1/8 - 1/4 (0.228 mi.) | K50 | 137
Database: UST, Date of Government Version: 11/30/2022
Tank Status: Removed from Ground
Facility Type: CLOSED
Facility Id: 00006711

FRENCH MINI MART INC | 5680 FRENCH RD | W 1/8 - 1/4 (0.234 mi.) | 54 | 146
Database: UST, Date of Government Version: 11/30/2022
Tank Status: Removed from Ground
Tank Status: Currently In Use
Facility Type: ACTIVE
Facility Id: 00010491

SPECIAL TOUCH COLISI | 10949 E WARREN AVE | S 1/8 - 1/4 (0.237 mi.) | L56 | 151
Database: UST, Date of Government Version: 11/30/2022
Tank Status: Non-Registered Tank
Facility Type: CLOSED
Facility Id: 50002558

GSD CHANDLER PARK SE | 5650 CONNER ST | ENE 1/8 - 1/4 (0.243 mi.) | H59 | 161
Database: UST, Date of Government Version: 11/30/2022
Tank Status: Currently In Use
Tank Status: Removed from Ground
Facility Type: ACTIVE
Facility Id: 00019064

Lower Elevation	Address	Direction / Distance	Map ID	Page

HURRICANE INDUSTRIES | 5640 SAINT JEAN ST | NE 0 - 1/8 (0.058 mi.) | C14 | 38
Database: UST, Date of Government Version: 11/30/2022
Tank Status: Removed from Ground
Tank Status: Temporarily Out of Use
Facility Type: ACTIVE
Facility Id: 00034880

HERN YARD | 11002 HERN ST | NNW 0 - 1/8 (0.067 mi.) | 17 | 47
Database: UST, Date of Government Version: 11/30/2022

Tank Status: Removed from Ground
Tank Status: Currently In Use
Facility Type: ACTIVE
Facility Id: 00008526

DDOT SHOEMAKER GARAG ***5149 SAINT JEAN ST*** ***SE 0 - 1/8 (0.121 mi.)*** ***E28*** ***65***
Database: UST, Date of Government Version: 11/30/2022
Tank Status: Removed from Ground
Tank Status: Currently In Use
Tank Status: Closed in Ground
Facility Type: ACTIVE
Facility Id: 00013466

EASTSIDE OIL CO INC 11001 HERN ST NW 0 - 1/8 (0.123 mi.) F29 76
Database: UST 2, Date of Government Version: 01/28/2022
Database: UST, Date of Government Version: 11/30/2022
Tank Status: Currently In Use
Facility ID: 00013119
Facility Type: ACTIVE
Facility Id: 00013119

BW&T REAL ESTATE DEV 11511 SHOEMAKER ST ENE 1/8 - 1/4 (0.143 mi.) 34 95
Database: UST, Date of Government Version: 11/30/2022
Tank Status: Removed from Ground
Facility Type: CLOSED
Facility Id: 00019323

PRICES USED CARS ***11409 E WARREN AVE*** ***SE 1/8 - 1/4 (0.245 mi.)*** ***J60*** ***169***
Database: UST, Date of Government Version: 11/30/2022
Tank Status: Removed from Ground
Facility Type: CLOSED
Facility Id: 00033505

MI AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Natural Resources' Michigan AST database.

A review of the MI AST list, as provided by EDR, and dated 02/02/2023 has revealed that there is 1 MI AST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ROSEMARY DILLON/VITO Facility Id: 91082036 Removed/Closed Date: 10/29/1993 Tank Status: Pipe Disconnected	11001 HERN ST	NW 0 - 1/8 (0.123 mi.)	F31	84

State and tribal institutional control / engineering control registries

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

A review of the MI AUL list, as provided by EDR, and dated 02/22/2023 has revealed that there are 2 MI AUL sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
C W MUNGO CONTRACTIN	***10610 SHOEMAKER ST***	***WSW 1/4 - 1/2 (0.284 mi.)***	***N65***	***181***

Facility ID: 00037990

PVS TECHNOLOGIES INC	***6600 FRENCH RD***	***NW 1/4 - 1/2 (0.437 mi.)***	***80***	***225***

Facility ID: 00037660

Lists of state and tribal brownfield sites

MI BROWNFIELDS: Brownfields and USTfield Site Database.

A review of the MI BROWNFIELDS list, as provided by EDR, has revealed that there are 3 MI BROWNFIELDS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SPECIAL TOUCH COLLIS	10949 E WARREN	S 1/8 - 1/4 (0.237 mi.)	L55	151

Database: BROWNFIELDS, Date of Government Version: 08/25/2022
Facility Id: 50002558
Ernie Id Number: 82001822

Lower Elevation	Address	Direction / Distance	Map ID	Page
5250 CONNER STREET -	5250 CONNER ST.	E 1/4 - 1/2 (0.406 mi.)	R76	210

Database: BROWNFIELDS, Date of Government Version: 08/25/2022

5250 CONNER STREET	5250 CONNER ST.	E 1/4 - 1/2 (0.406 mi.)	R78	217

Database: BROWNFIELDS, Date of Government Version: 08/25/2022

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.

A review of the US BROWNFIELDS list, as provided by EDR, and dated 04/06/2023 has revealed that there are 2 US BROWNFIELDS sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
DDOT BUS FACILITY	***5151 ST. JEAN***	***SE 0 - 1/8 (0.120 mi.)***	***E25***	***55***

ACRES property ID: 13691

5250 CONNOR DETROIT	5250 CONNOR ST.	E 1/4 - 1/2 (0.406 mi.)	R77	213

ACRES property ID: 186566

Local Lists of Landfill / Solid Waste Disposal Sites

MI HIST LF: The database contains historical information and is no longer updated..

A review of the MI HIST LF list, as provided by EDR, and dated 03/01/1997 has revealed that there are 3 MI HIST LF sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ST JEAN BRUSH BURNER Status: INACTIVE Facility Id: 82000072	5865 SAINT JEAN ST	N 1/8 - 1/4 (0.149 mi.)	G35	96
ST. JEAN BRUSH BURNE Status: INACTIVE Facility Id: 82-000072	5865 ST. JEAN	N 1/8 - 1/4 (0.149 mi.)	G36	98
ST JEAN INCINERATOR Status: INACTIVE Facility Id: 82000073	5865 SAINT JEAN ST	N 1/8 - 1/4 (0.149 mi.)	G37	105

Local Lists of Hazardous waste / Contaminated Sites

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

A review of the MI INVENTORY list, as provided by EDR, and dated 01/17/2023 has revealed that there are 17 MI INVENTORY sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORMER GAS STATION Facility ID: 50005233	***11000 SHOEMAKER ST***	***S 0 - 1/8 (0.021 mi.)***	***B11***	***35***
5220 FRENCH ROAD Facility ID: 82007964	***5220 FRENCH ROAD***	***SSW 1/8 - 1/4 (0.230 mi.)***	***52***	***143***
5555 CONNER AVE. AND Facility ID: 82007986	***5555 CONNER AVE. AND***	***ENE 1/8 - 1/4 (0.234 mi.)***	***H53***	***145***
REFINING CO/FRUEHAUF Facility ID: 39308	***11000 HARPER AVE***	***NW 1/4 - 1/2 (0.267 mi.)***	***M64***	***179***
C W MUNGO CONTRACTIN	***10610 SHOEMAKER ST***	***WSW 1/4 - 1/2 (0.284 mi.)***	***N65***	***181***

Facility ID: 37990				
10825 HARPER AVENUE Facility ID: 82003107	10825 HARPER AVE	NW 1/4 - 1/2 (0.330 mi.)	O68	198
FORMER JOY PROPERTY Facility ID: 42641	***4819 FAIRVIEW ST***	***SSE 1/4 - 1/2 (0.336 mi.)***	***P70***	***202***
10631 E. WARREN Facility ID: 82003021	10631 E. WARREN, & 1	SSW 1/4 - 1/2 (0.338 mi.)	72	205
L & HM INC. Facility ID: 10000504	11585 HARPER AVE.	N 1/4 - 1/2 (0.383 mi.)	Q75	210
PVS TECHNOLOGIES INC Facility ID: 37660	***6600 FRENCH RD***	***NW 1/4 - 1/2 (0.437 mi.)***	***80***	***225***

Lower Elevation	Address	Direction / Distance	Map ID	Page
ST JEAN 5664 BURIED Facility ID: 82001497	***5664 ST. JEAN***	***NE 0 - 1/8 (0.084 mi.)***	***C22***	***54***
DDOT SHOEMAKER GARAG Facility ID: 13466	***5149 SAINT JEAN ST***	***SE 0 - 1/8 (0.121 mi.)***	***E28***	***65***
11001 HERN STREET Facility ID: 82002977	11001 HERN ST	NW 0 - 1/8 (0.123 mi.)	F30	83
5066 ST. JEAN STREET Facility ID: 82007004	***5066 ST. JEAN STREET***	***SE 1/8 - 1/4 (0.171 mi.)***	***38***	***106***
3827-4711 ST JEAN ST Facility ID: 82008417	***3827-4711 ST. JEAN S***	***SE 1/8 - 1/4 (0.225 mi.)***	***J48***	***133***
PRICES USED CARS Facility ID: 33505	***11409 E WARREN AVE***	***SE 1/8 - 1/4 (0.245 mi.)***	***J60***	***169***
11244 EAST WARREN AV Facility ID: 82008375	***11244 EAST WARREN AV***	***SE 1/4 - 1/2 (0.258 mi.)***	***J62***	***177***

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

A review of the MI PART 201 list, as provided by EDR, and dated 10/01/2013 has revealed that there are 3 MI PART 201 sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SUN UP SUN DOWN AUTO Facility Status: Remedial Action in Progress (may incl. use restrictions, O&M and/or monitoring) Facility ID: 82001671	***10586 KNODELL***	***NW 1/2 - 1 (0.580 mi.)***	***82***	***235***
AIRPORT TRAILER PARK Facility Status: Interim Response in progress Facility ID: 82001628	***10640 GRATIOT AVENUE***	***NNW 1/2 - 1 (0.676 mi.)***	***83***	***236***

Lower Elevation	Address	Direction / Distance	Map ID	Page
ST JEAN 5664 BURIED	***5664 ST. JEAN***	***NE 0 - 1/8 (0.084 mi.)***	***C22***	***54***

Facility Status: Interim Response in progress
Facility ID: 82001497

Other Ascertainable Records

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/06/2023 has revealed that there are 9 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MI DEPT/NATURAL RESO EPA ID:: MIK359369642	11000 SHOEMAKER ST	S 0 - 1/8 (0.021 mi.)	B10	32
HUTCHINSON ELEMENTAR EPA ID:: MID985602168	5221 MONTCLAIR ST	SSW 1/8 - 1/4 (0.180 mi.)	39	107
CITY OF DETROIT CHAN EPA ID:: MI0000261008	***5650 CONNER ST***	***ENE 1/8 - 1/4 (0.243 mi.)***	***H58***	***156***

Lower Elevation	Address	Direction / Distance	Map ID	Page
HURRICANE INDUSTRIES EPA ID:: MIK273521633	5640 SAINT JEAN ST	NE 0 - 1/8 (0.058 mi.)	C15	41
DETROIT DROP HAMMER EPA ID:: MID005327960	***11400 SHOEMAKER ST***	***ESE 0 - 1/8 (0.066 mi.)***	***16***	***44***
MICHIGAN BELL TELEPH EPA ID:: MIP200001413	5664 SAINT JEAN ST	NE 0 - 1/8 (0.084 mi.)	C21	51
MET-L-AID INC EPA ID:: MID005348263	***5808 ST JEAN***	***NNE 0 - 1/8 (0.123 mi.)***	***32***	***85***
ATLAS WHOLESALE FOOD EPA ID:: MID049264369	***5100 SAINT JEAN ST***	***SE 1/8 - 1/4 (0.141 mi.)***	***E33***	***92***
CERTIFIED PLATING IN EPA ID:: MID055668446	***11110 E WARREN AVE***	***SSE 1/8 - 1/4 (0.239 mi.)***	***57***	***152***

PFAS ECHO: Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

A review of the PFAS ECHO list, as provided by EDR, and dated 03/30/2023 has revealed that there is 1 PFAS ECHO site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
MET-L-AID INC		N 1/8 - 1/4 (0.194 mi.)	40	110

EXECUTIVE SUMMARY

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

A review of the MI BEA list, as provided by EDR, and dated 04/13/2023 has revealed that there are 10 MI BEA sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAMARITAN CENTER	***5555 CONNER STREET***	***ENE 1/8 - 1/4 (0.213 mi.)***	***H41***	***112***
5220 FRENCH ROAD	***5220 FRENCH ROAD***	***SSW 1/8 - 1/4 (0.230 mi.)***	***52***	***143***
5555 CONNER AVE. AND	***5555 CONNER AVE. AND***	***ENE 1/8 - 1/4 (0.234 mi.)***	***H53***	***145***
PRESSURE VESSEL SERV	11000-11050 HARPER A	NW 1/4 - 1/2 (0.267 mi.)	M63	178
REFINING CO/FRUEHAUF	***11000 HARPER AVE***	***NW 1/4 - 1/2 (0.267 mi.)***	***M64***	***179***
C W MUNGO CONTRACTIN	***10610 SHOEMAKER ST***	***WSW 1/4 - 1/2 (0.284 mi.)***	***N65***	***181***
FORMER JOY PROPERTY	***4819 FAIRVIEW ST***	***SSE 1/4 - 1/2 (0.336 mi.)***	***P70***	***202***

Lower Elevation	Address	Direction / Distance	Map ID	Page
5066 ST. JEAN STREET	***5066 ST. JEAN STREET***	***SE 1/8 - 1/4 (0.171 mi.)***	***38***	***106***
3827-4711 ST JEAN ST	***3827-4711 ST. JEAN S***	***SE 1/8 - 1/4 (0.225 mi.)***	***J48***	***133***
11244 EAST WARREN AV	***11244 EAST WARREN AV***	***SE 1/4 - 1/2 (0.258 mi.)***	***J62***	***177***

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 4 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WEBER S SERVICE	11000 SHOEMAKER AVE	S 0 - 1/8 (0.021 mi.)	B12	37
INDIAN REFINING CO	10945 SHOEMAKER AVE	SW 0 - 1/8 (0.071 mi.)	D18	50
GERTIN BROS GARAGE	10920 SHOEMAKER AVE	SSW 0 - 1/8 (0.075 mi.)	D19	50

Lower Elevation	Address	Direction / Distance	Map ID	Page
JACK S STANDARD SERV	11255 SHOEMAKER AVE	SE 0 - 1/8 (0.023 mi.)	13	38

EXECUTIVE SUMMARY

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

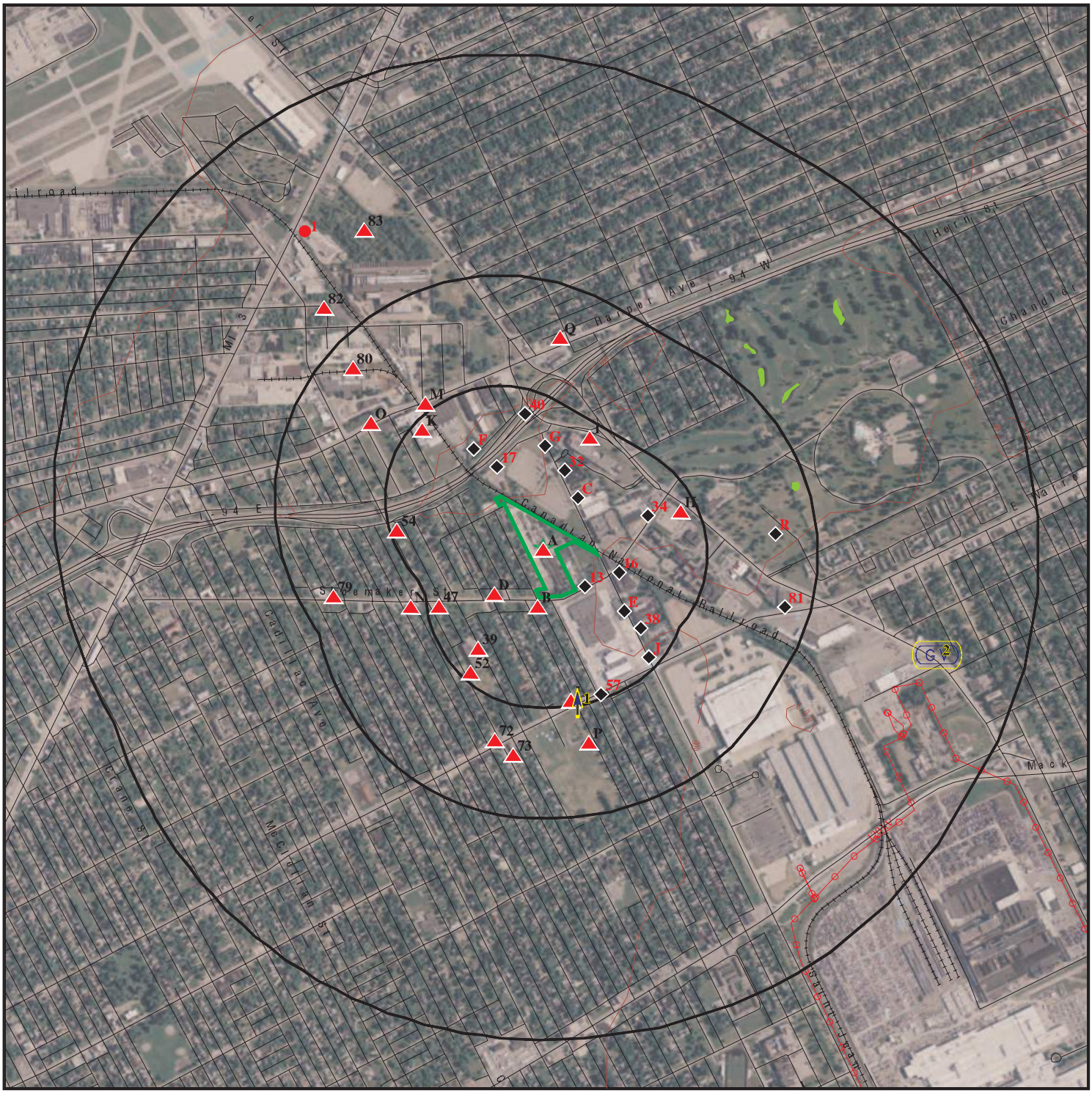
A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 3 EDR Hist Cleaner sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
POULOS JOHN	10929 SHOEMAKER AVE	SW 0 - 1/8 (0.084 mi.)	D20	51
SHOEMAKER QUALITY CL	10923 SHOEMAKER	SW 0 - 1/8 (0.094 mi.)	D23	54
A AND M CLEANERS	10858 SHOEMAKER AVE	SW 0 - 1/8 (0.111 mi.)	D24	55

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 7338110.2S



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

SITE NAME:	Detroit Demo Phase I ESA ENV 05.15.2023A1	CLIENT:	DLZ Michigan Inc.
ADDRESS:	11031 Shoemaker Detroit MI 48213	CONTACT:	Madeline Stack
		INQUIRY #:	7338110.2s
LAT/LONG:	42.391083 / 82.988688	DATE:	May 16, 2023 10:51 am

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DETAIL MAP - 7338110.2S

Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

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:	Detroit Demo Phase I ESA ENV 05.15.2023A1	CLIENT:	DLZ Michigan Inc.
ADDRESS:	11031 Shoemaker Detroit MI 48213	CONTACT:	Madeline Stack
		INQUIRY #:	7338110.2s
LAT/LONG:	42.391083 / 82.988688	DATE:	May 16, 2023 10:52 am

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500	1	0	0	0	NR	NR	1
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	1	NR	NR	1
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	0	NR	0
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		2	5	NR	NR	NR	7
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
Lists of state- and tribal hazardous waste facilities								
MI SHWS	1.000		0	0	0	0	NR	0
Lists of state and tribal landfills and solid waste disposal facilities								
MI SWF/LF	0.500		0	0	0	NR	NR	0
Lists of state and tribal leaking storage tanks								
MI LUST	0.500	2	4	4	10	NR	NR	20

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
MI UST	0.250	1	5	9	NR	NR	NR	15
MI AST	0.250		1	0	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
MI AUL	0.500	2	0	0	2	NR	NR	4
Lists of state and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
Lists of state and tribal brownfield sites								
MI BROWNFIELDS	0.500	1	0	1	2	NR	NR	4
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		1	0	1	NR	NR	2
Local Lists of Landfill / Solid Waste Disposal Sites								
MI HIST LF	0.500		0	3	0	NR	NR	3
MI SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	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
MI INVENTORY	0.500	1	4	5	8	NR	NR	18
MI PART 201	1.000		1	0	0	2	NR	3
MI CDL	0.001		0	NR	NR	NR	NR	0
MI DEL PART 201	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
Local Land Records								
MI 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
MI SPILLS	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		5	4	NR	NR	NR	9

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001	1	0	NR	NR	NR	NR	1
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001	2	0	NR	NR	NR	NR	2
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001	1	0	NR	NR	NR	NR	1
ECHO	0.001	1	0	NR	NR	NR	NR	1
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	1	NR	NR	NR	1
PFAS ECHO FIRE TRAINING	0.250		0	0	NR	NR	NR	0
PFAS PART 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
MI PFAS	0.250		0	0	NR	NR	NR	0
MI AIRS	0.001		0	NR	NR	NR	NR	0
MI ASBESTOS	0.001		0	NR	NR	NR	NR	0
MI BEA	0.500		0	5	5	NR	NR	10

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
MI COAL ASH	0.500		0	0	0	NR	NR	0
MI DRYCLEANERS	0.250		0	0	NR	NR	NR	0
MI Financial Assurance	0.001		0	NR	NR	NR	NR	0
MI LEAD	0.001		0	NR	NR	NR	NR	0
NY MANIFEST	0.250		0	0	NR	NR	NR	0
MI NPDES	0.001		0	NR	NR	NR	NR	0
MI UIC	0.001		0	NR	NR	NR	NR	0
MI WDS	0.001	1	0	NR	NR	NR	NR	1
PFAS TRIS	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		4	NR	NR	NR	NR	4
EDR Hist Cleaner	0.125		3	NR	NR	NR	NR	3
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
MI RGA PART 201	0.001		0	NR	NR	NR	NR	0
MI RGA LF	0.001		0	NR	NR	NR	NR	0
MI RGA LUST	0.001	1	0	NR	NR	NR	NR	1
- Totals --		15	30	37	29	2	0	113

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **CITY OF DETROIT** **MI LUST** **S108417568**
Target **11031 SHOEMAKER ST** **MI AUL** **N/A**
Property **DETROIT, MI 48213** **MI BROWNFIELDS**
MI INVENTORY
Site 1 of 8 in cluster A **MI WDS**

Actual:
604 ft.

LUST:

Name:	CITY OF DETROIT
Address:	11031 SHOEMAKER ST
City,State,Zip:	DETROIT, MI 48213-
Facility ID:	00041622
Source:	STATE OF MICHIGAN
Owner Name:	Cityof Detroit/Dept of Environmental Af
Owner Address:	Not reported
Owner City,St,Zip:	UNKNOWN, MI
Owner Contact:	Not reported
Owner Phone:	Not reported
Country:	USA
District:	Warren
Site Name:	City of Detroit /Former Federal-Mogul Facility
Latitude:	42.38947
Longitude:	-82.98854
Date of Collection:	Not reported
Method of Collection:	Interpolation-Map
Accuracy:	15
Accuracy Value Unit:	METERS
Horizontal Data:	NAD83
Point Line Area:	POINT
Desc Category:	Not reported
Regulatory Program:	Not reported
Risk Condition:	Not reported
Project Manager:	Not reported
Senate District:	Not reported
House District:	Not reported
US Congressional District:	Not reported
Leak Number:	C-0376-04
Release Date:	06/01/2005
Substance Released:	Used Oil,Other,Other,Other,Other,Other,Other,Other,Other,Other
Release Status:	Open
Release Closed Date:	Not reported

AUL:

Name:	CITY OF DETROIT
Address:	11031 SHOEMAKER
City,State,Zip:	DETROIT, MI 48213
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 #:	11421312009
MDEQ Reference Number:	RC-RD-213-12-009
Property Or Description Restricted Area:	Not reported
Lead Division:	RD
File Name Of Hyperlinked Legal Doc:	Not reported
Mapped Polygons Area In Acres:	Not reported

CITY OF DETROIT (Continued) **S108417568**

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:	January 24, 2012 consultant requested DEQ reference #.
Map Comments:	Not reported

BROWNFIELDS:

Name:	SHOEMAKER, 11031
Address:	11031 SHOEMAKER
City,State,Zip:	DETROIT, MI
Facility ID:	50005118
Region:	1
Status:	Not reported
Properry Use:	Not reported
BEA:	No
Ernie Id Number:	82001891
X Coordinate:	Not reported
Y Coordinate:	Not reported
Project Name:	Not reported
Date Year Funded:	Not reported
Total Brownfield Incentives:	Not reported
Approved Amount:	Not reported
Grant Award Amount:	Not reported
Loan Award Amount:	Not reported
Waterfront Award Amount:	Not reported
Brownfield Site Assessment:	Not reported
Development Type:	Not reported
Prior Use:	Not reported
Contaminants:	Not reported

INVENTORY:

Name:	CITY OF DETROIT
Address:	11031 SHOEMAKER ST

CITY OF DETROIT (Continued) **S108417568**

City,State,Zip: DETROIT, MI 48213
Township: Detroit
District: Warren
Data Source: Risks Present and Require Action in Long-term
Lust Name: City of Detroit /Former Federal-Mogul Facility
Regulatory Program: 213
Release Status: Open
Project Manager: Williams, Karen
Latitude: 42.38947157
Longitude: -82.9885468

Name: FEDERAL MOGUL 11031 SHOEMAKER, DETROIT
Address: 11031 SHOEMAKER STREET
City,State,Zip: DETROIT, MI
Township: Not reported
District: Detroit
Data Source: Risks Present and Require Action in Short-term
Lust Name: Not reported
Regulatory Program: 201
Release Status: Not reported
Project Manager: Vens, Beth
Latitude: 42.39051093
Longitude: -82.98801505

WDS:
Name: CITY OF DETROIT
Address: 11031 SHOEMAKER ST
City,State,Zip: DETROIT, MI 48213
Site Id: MIG000022050
WMD Id: 452075
Site Specific Name: CITY OF DETROIT
Mailing Address: 1900 ROSELAWN
Mailing City/State/Zip: 48224
Mailing County: WAYNE

A2 **FEDERAL-MOGUL SITE** **FINDS** **1015902248**
Target **11031 SHOEMAKER ST** **N/A**
Property **DETROIT, MI 48213**

Site 2 of 8 in cluster A

Actual: 604 ft.

FINDS:
Registry ID: 110046120372

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
SUPERFUND (NON-NPL)
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate

FEDERAL-MOGUL SITE (Continued) **1015902248**

that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

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

A3 Target Property **FORMER FEDERAL MOGUL (CITY OF DETROIT)** **MI AUL** **S109846118**
11031 SHOEMAKER, **N/A**
DETROIT, MI 48213

Site 3 of 8 in cluster A

Actual: 604 ft.

AUL:

Name:	FORMER FEDERAL MOGUL (CITY OF DETROIT)
Address:	11031 SHOEMAKER,
City,State,Zip:	DETROIT, MI 48213
Status:	Pending
Site Name:	Not reported
Property:	11031 Shoemaker, Detroit
Land Use Restriction Type:	NCA
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 #:	12121308003
MDEQ Reference Number:	NCA-RRD-213-08-003
Property Or Description Restricted Area:	Not reported
Lead Division:	RRD
File Name Of Hyperlinked Legal Doc:	Not reported
Mapped Polygons Area In Acres:	Not reported
Mapped Polygons Area In Square Miles:	Not reported
Date Data Entry Started:	Not reported
Date Data Entry Finished:	Not reported
Individual Or Staff Assoc With The Mapping:	Not reported
Program Used To Map Restricted Features:	Not reported
Date Legal Paperwork Stamped/Filed/Register Of Deeds:	Not reported
Commercial I Land Use Restriction:	0
Commercial Ii Land Use Restriction:	0
Commercial Iii Land Use Restriction:	0
Commercial Iv Land Use Restriction:	0
Industrial Land Use Restriction:	0
Residential Land Use Restriction:	0
Recreational Land Use Restriction:	0
Multiple Land-Use Restrictions:	0
Site Specific Restrictions:	0
Groundwater Consumption Restrictions:	0
Groundwater Contact Restrictions:	0
Special Well Construction Requirements:	0
Special Building Restrictions:	0
Excavation And Soil Movement Restrictions:	0
Soil Movement Requirements:	0
There Is A Restriction On All Construction:	0
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:	3/5/08, QC requested reference number.

FORMER FEDERAL MOGUL (CITY OF DETROIT) (Continued) **S109846118**

Map Comments: Not reported

A4 **FEDERAL-MOGUL SITE** **ECHO** **1025896303**
Target **11031 SHOEMAKER ST** **N/A**
Property **DETROIT, MI 48213**

Site 4 of 8 in cluster A

Actual: **604 ft.**

ECHO:

Envid:	1025896303
Registry ID:	110046120372
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110046120372
Name:	FEDERAL-MOGUL SITE
Address:	11031 SHOEMAKER ST
City,State,Zip:	DETROIT, MI 48213

A5 **CITY OF DETROIT** **MI LUST** **U003975310**
Target **11031 SHOEMAKER ST** **MI UST** **N/A**
Property **DETROIT, MI 48213**

Site 5 of 8 in cluster A

Actual: **604 ft.**

LUST:

Name:	CITY OF DETROIT
Address:	11031 SHOEMAKER ST
City,State,Zip:	DETROIT, MI 48213
Facility ID:	41622
Source:	14
Owner Name:	Party Store, Archies
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Owner Contact:	Not reported
Owner Phone:	(616) 530-0633
Country:	Not reported
District:	Detroit
Site Name:	City of Detroit /Former Federal-Mogul Facility
Latitude:	42.38947
Longitude:	-82.98854
Date of Collection:	Not reported
Method of Collection:	The geographic coordinate determination method based on interpolation-map
Accuracy:	15
Accuracy Value Unit:	Not reported
Horizontal Data:	North American Datum of 1983
Point Line Area:	Center of a facility or station
Desc Category:	Not reported
Regulatory Program:	Not reported
Risk Condition:	Not reported
Project Manager:	Not reported
Senate District:	Not reported
House District:	Not reported
US Congressional District:	Not reported
Leak Number:	13743
Release Date:	08/31/2004
Substance Released:	Other

CITY OF DETROIT (Continued) **U003975310**

Release Status: Open
Release Closed Date: Not reported

Leak Number: 13743
Release Date: 08/31/2004
Substance Released: Other
Release Status: Open
Release Closed Date: Not reported

Leak Number: 13743
Release Date: 08/31/2004
Substance Released: Other
Release Status: Open
Release Closed Date: Not reported

Leak Number: 13743
Release Date: 08/31/2004
Substance Released: Other
Release Status: Open
Release Closed Date: Not reported

Leak Number: 13743
Release Date: 08/31/2004
Substance Released: Used Oil
Release Status: Open
Release Closed Date: Not reported

Leak Number: 13743
Release Date: 08/31/2004
Substance Released: Other
Release Status: Open
Release Closed Date: Not reported

Leak Number: 13743
Release Date: 08/31/2004
Substance Released: Other
Release Status: Open
Release Closed Date: Not reported

Leak Number: 13743
Release Date: 08/31/2004
Substance Released: Other
Release Status: Open
Release Closed Date: Not reported

Leak Number: 13743
Release Date: 08/31/2004
Substance Released: Other
Release Status: Open
Release Closed Date: Not reported

Leak Number: 13743
Release Date: 08/31/2004
Substance Released: Other
Release Status: Open
Release Closed Date: Not reported

CITY OF DETROIT (Continued) **U003975310**

UST:

Name:	CITY OF DETROIT
Address:	11031 SHOEMAKER ST
City,State,Zip:	DETROIT 48213-3452
Facility Type:	CLOSED
Facility ID:	00041622
Owner Name:	CITY OF DETROIT/DEPT OF ENVIRONMENTAL AFFAIRS
Owner Address:	660 WOODWARD AVE SUITE 1800
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48226-3524
Owner Contact:	Not reported
Owner Phone:	3134715108
Contact:	Mr Bruce King
Contact Phone:	(313) 471-5103
Date of Collection:	Not reported
Accuracy:	15
Horizontal Datum:	NAD83
Accuracy Value Unit:	METERS
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Not reported
Method of Collection:	Interpolation-Map
District:	Region 1 - SE Michigan District Office
Tank ID:	9
Capacity:	12000
Tank Status:	Removed from Ground
Substance:	Other(Honing Oil)
Install Date:	01/01/1960
Remove Date:	06/13/2005
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.38947
Longitude:	-82.98854

Name:	CITY OF DETROIT
Address:	11031 SHOEMAKER ST
City,State,Zip:	DETROIT 48213-3452
Facility Type:	CLOSED
Facility ID:	00041622
Owner Name:	CITY OF DETROIT/DEPT OF ENVIRONMENTAL AFFAIRS
Owner Address:	660 WOODWARD AVE SUITE 1800
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48226-3524
Owner Contact:	Not reported
Owner Phone:	3134715108
Contact:	Mr Bruce King
Contact Phone:	(313) 471-5103
Date of Collection:	Not reported
Accuracy:	15

CITY OF DETROIT (Continued) **U003975310**

Horizontal Datum:	NAD83
Accuracy Value Unit:	METERS
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Not reported
Method of Collection:	Interpolation-Map
District:	Region 1 - SE Michigan District Office
Tank ID:	8
Capacity:	12000
Tank Status:	Removed from Ground
Substance:	Other(Quench Oil)
Install Date:	01/01/1960
Remove Date:	06/13/2005
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.38947
Longitude:	-82.98854

Name:	CITY OF DETROIT
Address:	11031 SHOEMAKER ST
City,State,Zip:	DETROIT 48213-3452
Facility Type:	CLOSED
Facility ID:	00041622
Owner Name:	CITY OF DETROIT/DEPT OF ENVIRONMENTAL AFFAIRS
Owner Address:	660 WOODWARD AVE SUITE 1800
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48226-3524
Owner Contact:	Not reported
Owner Phone:	3134715108
Contact:	Mr Bruce King
Contact Phone:	(313) 471-5103
Date of Collection:	Not reported
Accuracy:	15
Horizontal Datum:	NAD83
Accuracy Value Unit:	METERS
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Not reported
Method of Collection:	Interpolation-Map
District:	Region 1 - SE Michigan District Office
Tank ID:	7
Capacity:	12000
Tank Status:	Removed from Ground
Substance:	Other(Quench Oil)
Install Date:	01/01/1960
Remove Date:	06/09/2005
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported

CITY OF DETROIT (Continued) **U003975310**

Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.38947
Longitude:	-82.98854

Name:	CITY OF DETROIT
Address:	11031 SHOEMAKER ST
City,State,Zip:	DETROIT 48213-3452
Facility Type:	CLOSED
Facility ID:	00041622
Owner Name:	CITY OF DETROIT/DEPT OF ENVIRONMENTAL AFFAIRS
Owner Address:	660 WOODWARD AVE SUITE 1800
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48226-3524
Owner Contact:	Not reported
Owner Phone:	3134715108
Contact:	Mr Bruce King
Contact Phone:	(313) 471-5103
Date of Collection:	Not reported
Accuracy:	15
Horizontal Datum:	NAD83
Accuracy Value Unit:	METERS
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Not reported
Method of Collection:	Interpolation-Map
District:	Region 1 - SE Michigan District Office
Tank ID:	6
Capacity:	12000
Tank Status:	Removed from Ground
Substance:	Other(Quench Oil)
Install Date:	01/01/1960
Remove Date:	06/09/2005
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.38947
Longitude:	-82.98854

Name:	CITY OF DETROIT
Address:	11031 SHOEMAKER ST
City,State,Zip:	DETROIT 48213-3452
Facility Type:	CLOSED
Facility ID:	00041622
Owner Name:	CITY OF DETROIT/DEPT OF ENVIRONMENTAL AFFAIRS
Owner Address:	660 WOODWARD AVE SUITE 1800
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48226-3524

CITY OF DETROIT (Continued) **U003975310**

Owner Contact:	Not reported
Owner Phone:	3134715108
Contact:	Mr Bruce King
Contact Phone:	(313) 471-5103
Date of Collection:	Not reported
Accuracy:	15
Horizontal Datum:	NAD83
Accuracy Value Unit:	METERS
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Not reported
Method of Collection:	Interpolation-Map
District:	Region 1 - SE Michigan District Office
Tank ID:	5
Capacity:	12000
Tank Status:	Removed from Ground
Substance:	Other(Quench Oil)
Install Date:	01/01/1960
Remove Date:	06/08/2005
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.38947
Longitude:	-82.98854

Name:	CITY OF DETROIT
Address:	11031 SHOEMAKER ST
City,State,Zip:	DETROIT 48213-3452
Facility Type:	CLOSED
Facility ID:	00041622
Owner Name:	CITY OF DETROIT/DEPT OF ENVIRONMENTAL AFFAIRS
Owner Address:	660 WOODWARD AVE SUITE 1800
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48226-3524
Owner Contact:	Not reported
Owner Phone:	3134715108
Contact:	Mr Bruce King
Contact Phone:	(313) 471-5103
Date of Collection:	Not reported
Accuracy:	15
Horizontal Datum:	NAD83
Accuracy Value Unit:	METERS
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Not reported
Method of Collection:	Interpolation-Map
District:	Region 1 - SE Michigan District Office
Tank ID:	4
Capacity:	12000
Tank Status:	Removed from Ground
Substance:	Other(Quench Oil)

CITY OF DETROIT (Continued) **U003975310**

Install Date:	01/01/1960
Remove Date:	06/08/2005
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.38947
Longitude:	-82.98854

Name:	CITY OF DETROIT
Address:	11031 SHOEMAKER ST
City,State,Zip:	DETROIT 48213-3452
Facility Type:	CLOSED
Facility ID:	00041622
Owner Name:	CITY OF DETROIT/DEPT OF ENVIRONMENTAL AFFAIRS
Owner Address:	660 WOODWARD AVE SUITE 1800
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48226-3524
Owner Contact:	Not reported
Owner Phone:	3134715108
Contact:	Mr Bruce King
Contact Phone:	(313) 471-5103
Date of Collection:	Not reported
Accuracy:	15
Horizontal Datum:	NAD83
Accuracy Value Unit:	METERS
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Not reported
Method of Collection:	Interpolation-Map
District:	Region 1 - SE Michigan District Office
Tank ID:	3
Capacity:	12000
Tank Status:	Removed from Ground
Substance:	Other(Quench Oil)
Install Date:	01/01/1960
Remove Date:	06/08/2005
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.38947
Longitude:	-82.98854

Name:	CITY OF DETROIT
Address:	11031 SHOEMAKER ST
City,State,Zip:	DETROIT 48213-3452
Facility Type:	CLOSED

CITY OF DETROIT (Continued) **U003975310**

Facility ID:	00041622
Owner Name:	CITY OF DETROIT/DEPT OF ENVIRONMENTAL AFFAIRS
Owner Address:	660 WOODWARD AVE SUITE 1800
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48226-3524
Owner Contact:	Not reported
Owner Phone:	3134715108
Contact:	Mr Bruce King
Contact Phone:	(313) 471-5103
Date of Collection:	Not reported
Accuracy:	15
Horizontal Datum:	NAD83
Accuracy Value Unit:	METERS
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Not reported
Method of Collection:	Interpolation-Map
District:	Region 1 - SE Michigan District Office
Tank ID:	2
Capacity:	12000
Tank Status:	Removed from Ground
Substance:	Other(Hydraulic Oil)
Install Date:	01/01/1960
Remove Date:	06/06/2005
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.38947
Longitude:	-82.98854

Name:	CITY OF DETROIT
Address:	11031 SHOEMAKER ST
City,State,Zip:	DETROIT 48213-3452
Facility Type:	CLOSED
Facility ID:	00041622
Owner Name:	CITY OF DETROIT/DEPT OF ENVIRONMENTAL AFFAIRS
Owner Address:	660 WOODWARD AVE SUITE 1800
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48226-3524
Owner Contact:	Not reported
Owner Phone:	3134715108
Contact:	Mr Bruce King
Contact Phone:	(313) 471-5103
Date of Collection:	Not reported
Accuracy:	15
Horizontal Datum:	NAD83
Accuracy Value Unit:	METERS
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Not reported

CITY OF DETROIT (Continued) **U003975310**

Method of Collection:	Interpolation-Map
District:	Region 1 - SE Michigan District Office
Tank ID:	10
Capacity:	12000
Tank Status:	Removed from Ground
Substance:	Not reported
Install Date:	01/01/1960
Remove Date:	06/13/2005
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.38947
Longitude:	-82.98854

Name:	CITY OF DETROIT
Address:	11031 SHOEMAKER ST
City,State,Zip:	DETROIT 48213-3452
Facility Type:	CLOSED
Facility ID:	00041622
Owner Name:	CITY OF DETROIT/DEPT OF ENVIRONMENTAL AFFAIRS
Owner Address:	660 WOODWARD AVE SUITE 1800
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48226-3524
Owner Contact:	Not reported
Owner Phone:	3134715108
Contact:	Mr Bruce King
Contact Phone:	(313) 471-5103
Date of Collection:	Not reported
Accuracy:	15
Horizontal Datum:	NAD83
Accuracy Value Unit:	METERS
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Not reported
Method of Collection:	Interpolation-Map
District:	Region 1 - SE Michigan District Office
Tank ID:	1
Capacity:	12000
Tank Status:	Removed from Ground
Substance:	Used Oil
Install Date:	01/01/1960
Remove Date:	06/06/2005
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.38947

CITY OF DETROIT (Continued) **U003975310**

Longitude: -82.98854

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

A6 **FEDERAL-MOGUL CORP** **LEAD SMELTERS** **1014201659**
Target **11031 SHOEMAKER ST.** **N/A**
Property **DETROIT, MI**

Site 6 of 8 in cluster A

Actual: **604 ft.**

Lead Smelter Sites:

Site number:	397
Street map and/or aerial photo:	Y
Sanborn fire ins map ref.:	Detroit Free Press: 1941 map shows lead foundry. Operated until 1955
Comments:	SMD1946
DJS match to SMD 48-49:	Not reported

A7 **CITY OF DETROIT** **MI RGA LUST** **S115669900**
Target **11031 SHOEMAKER** **N/A**
Property **DETROIT, MI**

Site 7 of 8 in cluster A

Actual: **604 ft.**

RGA LUST:

2012	CITY OF DETROIT	11031 SHOEMAKER
2011	CITY OF DETROIT	11031 SHOEMAKER
2010	CITY OF DETROIT	11031 SHOEMAKER
2009	CITY OF DETROIT	11031 SHOEMAKER
2008	CITY OF DETROIT	11031 SHOEMAKER
2007	CITY OF DETROIT	11031 SHOEMAKER
2006	CITY OF DETROIT	11031 SHOEMAKER
2005	CITY OF DETROIT	11031 SHOEMAKER

A8 **FEDERAL-MOGUL SITE** **SEMS** **1015731346**
Target **11031 SHOEMAKER ST** **PRP** **MIN000510764**
Property **DETROIT, MI 48213** **LEAD SMELTERS**

Site 8 of 8 in cluster A

Actual: **604 ft.**

SEMS:

Site ID:	0510764
EPA ID:	MIN000510764
Name:	FEDERAL-MOGUL SITE
Address:	11031 SHOEMAKER ST
Address 2:	Not reported
City,State,Zip:	DETROIT, MI 48213-3167
Cong District:	13
FIPS Code:	26163
Latitude:	+42.3911
Longitude:	-082.989166
FF:	N
NPL:	Not on the NPL
Non NPL Status:	Referred to Removal - NFRAP

SEMS Detail:

FEDERAL-MOGUL SITE (Continued) **1015731346**

Region:	05
Site ID:	0510764
EPA ID:	MIN000510764
Site Name:	FEDERAL-MOGUL SITE
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	2011-05-23 05:00:00
Finish Date:	2011-05-23 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	05
Site ID:	0510764
EPA ID:	MIN000510764
Site Name:	FEDERAL-MOGUL SITE
NPL:	N
FF:	N
OU:	00
Action Code:	HX
Action Name:	PRE-CERC
SEQ:	1
Start Date:	2012-06-27 05:00:00
Finish Date:	2012-06-27 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	05
Site ID:	0510764
EPA ID:	MIN000510764
Site Name:	FEDERAL-MOGUL SITE
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	2012-05-29 05:00:00
Finish Date:	2013-05-22 05:00:00
Qual:	W
Current Action Lead:	EPA Perf

Region:	05
Site ID:	0510764
EPA ID:	MIN000510764
Site Name:	FEDERAL-MOGUL SITE
NPL:	N
FF:	N
OU:	00
Action Code:	RV
Action Name:	RMVL
SEQ:	1
Start Date:	2013-04-15 04:00:00
Finish Date:	2013-08-05 04:00:00

FEDERAL-MOGUL SITE (Continued) **1015731346**

Qual: S
Current Action Lead: EPA Perf

PRP:
PRP Name: FEDERAL MORGUL CORP. WORLD HQ

Lead Smelter Sites:
Site ID: 0510764
Facility Region Id: 05
Latitude: Not reported
Longitude: Not reported
CoC Ind: Y
Contaminant Name: TRICHLOROETHENE
FF Ind: N
NAI: N
Non-Primary Site-Sub Type: Not reported
NPL: Not on the NPL
Primary Site-Sub Type: Primary metals/mineral processing (Manufacturing/Processing/Maintenance)
Special Initiative: Not reported

Site ID: 0510764
Facility Region Id: 05
Latitude: Not reported
Longitude: Not reported
CoC Ind: Y
Contaminant Name: LEAD
FF Ind: N
NAI: N
Non-Primary Site-Sub Type: Not reported
NPL: Not on the NPL
Primary Site-Sub Type: Primary metals/mineral processing (Manufacturing/Processing/Maintenance)
Special Initiative: Not reported

B9 **FORMER GAS STATION** **MI UST** **U004295546**
South **11000 SHOEMAKER ST** **N/A**
< 1/8 **DETROIT, MI 48213**
0.021 mi.
112 ft. **Site 1 of 4 in cluster B**

Relative: Higher
Actual: 604 ft.

UST:
Name: FORMER GAS STATION
Address: 11000 SHOEMAKER ST
City,State,Zip: DETROIT 48213-3417
Facility Type: CLOSED
Facility ID: 50005233
Owner Name: NRT OWNER
Owner Address: UNKNOWN
Owner City: UNKNOWN
Owner State: MI
Owner Zip: 99999
Owner Contact: Not reported
Owner Phone: Not reported
Contact: Not reported
Contact Phone: Not reported
Date of Collection: Not reported

FORMER GAS STATION (Continued) **U004295546**

Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported
Method of Collection:	Not reported
District:	Not reported
Tank ID:	8
Capacity:	Not reported
Tank Status:	Non-Registered Tank
Substance:	Other(Hydraulic-Oil)
Install Date:	Not reported
Remove Date:	Not reported
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Name:	FORMER GAS STATION
Address:	11000 SHOEMAKER ST
City,State,Zip:	DETROIT 48213-3417
Facility Type:	CLOSED
Facility ID:	50005233
Owner Name:	NRT OWNER
Owner Address:	UNKNOWN
Owner City:	UNKNOWN
Owner State:	MI
Owner Zip:	99999
Owner Contact:	Not reported
Owner Phone:	Not reported
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported
Method of Collection:	Not reported
District:	Not reported
Tank ID:	7
Capacity:	Not reported
Tank Status:	Non-Registered Tank
Substance:	Other(Unkown)
Install Date:	Not reported
Remove Date:	Not reported
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported

FORMER GAS STATION (Continued) **U004295546**

Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Name:	FORMER GAS STATION
Address:	11000 SHOEMAKER ST
City,State,Zip:	DETROIT 48213-3417
Facility Type:	CLOSED
Facility ID:	50005233
Owner Name:	NRT OWNER
Owner Address:	UNKNOWN
Owner City:	UNKNOWN
Owner State:	MI
Owner Zip:	99999
Owner Contact:	Not reported
Owner Phone:	Not reported
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported
Method of Collection:	Not reported
District:	Not reported
Tank ID:	6
Capacity:	1000
Tank Status:	Non-Registered Tank
Substance:	Other(Fuel-Oil)
Install Date:	Not reported
Remove Date:	Not reported
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Name:	FORMER GAS STATION
Address:	11000 SHOEMAKER ST
City,State,Zip:	DETROIT 48213-3417
Facility Type:	CLOSED
Facility ID:	50005233
Owner Name:	NRT OWNER
Owner Address:	UNKNOWN
Owner City:	UNKNOWN
Owner State:	MI

FORMER GAS STATION (Continued) **U004295546**

Owner Zip:	99999
Owner Contact:	Not reported
Owner Phone:	Not reported
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported
Method of Collection:	Not reported
District:	Not reported
Tank ID:	5
Capacity:	1000
Tank Status:	Non-Registered Tank
Substance:	Waste Oil
Install Date:	Not reported
Remove Date:	Not reported
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Name:	FORMER GAS STATION
Address:	11000 SHOEMAKER ST
City,State,Zip:	DETROIT 48213-3417
Facility Type:	CLOSED
Facility ID:	50005233
Owner Name:	NRT OWNER
Owner Address:	UNKNOWN
Owner City:	UNKNOWN
Owner State:	MI
Owner Zip:	99999
Owner Contact:	Not reported
Owner Phone:	Not reported
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported
Method of Collection:	Not reported
District:	Not reported
Tank ID:	4
Capacity:	280
Tank Status:	Non-Registered Tank

FORMER GAS STATION (Continued) **U004295546**

Substance:	Other(Alcohol)
Install Date:	Not reported
Remove Date:	Not reported
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Name:	FORMER GAS STATION
Address:	11000 SHOEMAKER ST
City,State,Zip:	DETROIT 48213-3417
Facility Type:	CLOSED
Facility ID:	50005233
Owner Name:	NRT OWNER
Owner Address:	UNKNOWN
Owner City:	UNKNOWN
Owner State:	MI
Owner Zip:	99999
Owner Contact:	Not reported
Owner Phone:	Not reported
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported
Method of Collection:	Not reported
District:	Not reported
Tank ID:	3
Capacity:	1000
Tank Status:	Non-Registered Tank
Substance:	Gasoline
Install Date:	Not reported
Remove Date:	Not reported
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Name:	FORMER GAS STATION
Address:	11000 SHOEMAKER ST
City,State,Zip:	DETROIT 48213-3417

FORMER GAS STATION (Continued) **U004295546**

Facility Type:	CLOSED
Facility ID:	50005233
Owner Name:	NRT OWNER
Owner Address:	UNKNOWN
Owner City:	UNKNOWN
Owner State:	MI
Owner Zip:	99999
Owner Contact:	Not reported
Owner Phone:	Not reported
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported
Method of Collection:	Not reported
District:	Not reported
Tank ID:	2
Capacity:	2000
Tank Status:	Non-Registered Tank
Substance:	Gasoline
Install Date:	Not reported
Remove Date:	Not reported
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Name:	FORMER GAS STATION
Address:	11000 SHOEMAKER ST
City,State,Zip:	DETROIT 48213-3417
Facility Type:	CLOSED
Facility ID:	50005233
Owner Name:	NRT OWNER
Owner Address:	UNKNOWN
Owner City:	UNKNOWN
Owner State:	MI
Owner Zip:	99999
Owner Contact:	Not reported
Owner Phone:	Not reported
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported

FORMER GAS STATION (Continued) **U004295546**

Desc Category:	Not reported
Method of Collection:	Not reported
District:	Not reported
Tank ID:	1
Capacity:	3000
Tank Status:	Non-Registered Tank
Substance:	Gasoline
Install Date:	Not reported
Remove Date:	Not reported
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	Not reported
Longitude:	Not reported

UST 2:

Name:	FORMER GAS STATION
Address:	11000 SHOEMAKER ST
City,State,Zip:	DETROIT, MI 48213-3417
Region:	1
Owner Name:	NRT OWNER
Owner Address:	Unknown
Owner City:	Unknown
Owner State:	MI
Owner Zip:	99999
Owner Phone:	Not reported
Record ID:	UTK-118090-15
Facility Status:	Inactive
Tank ID:	1
Tank Status:	NON-Registered Tank
Tank Capacity:	3000
Tank Content:	Gasoline
Install Date:	Not reported
Removal Date:	Not reported
Tank Release Detect:	Not reported
Pipe Release Detect:	Not reported
Tank Piping Material:	Unknown
Tank Constr. Material:	Unknown

Name:	FORMER GAS STATION
Address:	11000 SHOEMAKER ST
City,State,Zip:	DETROIT, MI 48213-3417
Region:	1
Owner Name:	NRT OWNER
Owner Address:	Unknown
Owner City:	Unknown
Owner State:	MI
Owner Zip:	99999
Owner Phone:	Not reported
Record ID:	UTK-118091-15
Facility Status:	Inactive
Tank ID:	2

FORMER GAS STATION (Continued) **U004295546**

Tank Status: NON-Registered Tank
Tank Capacity: 2000
Tank Content: Gasoline
Install Date: Not reported
Removal Date: Not reported
Tank Release Detect: Not reported
Pipe Release Detect: Not reported
Tank Piping Material: Unknown
Tank Constr. Material: Unknown

Name: FORMER GAS STATION
Address: 11000 SHOEMAKER ST
City,State,Zip: DETROIT, MI 48213-3417
Region: 1
Owner Name: NRT OWNER
Owner Address: Unknown
Owner City: Unknown
Owner State: MI
Owner Zip: 99999
Owner Phone: Not reported
Record ID: UTK-118092-15
Facility Status: Inactive
Tank ID: 3
Tank Status: NON-Registered Tank
Tank Capacity: 1000
Tank Content: Gasoline
Install Date: Not reported
Removal Date: Not reported
Tank Release Detect: Not reported
Pipe Release Detect: Not reported
Tank Piping Material: Unknown
Tank Constr. Material: Unknown

Name: FORMER GAS STATION
Address: 11000 SHOEMAKER ST
City,State,Zip: DETROIT, MI 48213-3417
Region: 1
Owner Name: NRT OWNER
Owner Address: Unknown
Owner City: Unknown
Owner State: MI
Owner Zip: 99999
Owner Phone: Not reported
Record ID: UTK-118093-15
Facility Status: Inactive
Tank ID: 4
Tank Status: NON-Registered Tank
Tank Capacity: 280
Tank Content: Other(Alcohol)
Install Date: Not reported
Removal Date: Not reported
Tank Release Detect: Not reported
Pipe Release Detect: Not reported
Tank Piping Material: Unknown
Tank Constr. Material: Unknown

Name: FORMER GAS STATION

FORMER GAS STATION (Continued) **U004295546**

Address: 11000 SHOEMAKER ST
City,State,Zip: DETROIT, MI 48213-3417
Region: 1
Owner Name: NRT OWNER
Owner Address: Unknown
Owner City: Unknown
Owner State: MI
Owner Zip: 99999
Owner Phone: Not reported
Record ID: UTK-118094-15
Facility Status: Inactive
Tank ID: 5
Tank Status: NON-Registered Tank
Tank Capacity: 1000
Tank Content: Waste Oil
Install Date: Not reported
Removal Date: Not reported
Tank Release Detect: Not reported
Pipe Release Detect: Not reported
Tank Piping Material: Unknown
Tank Constr. Material: Unknown

Name: FORMER GAS STATION
Address: 11000 SHOEMAKER ST
City,State,Zip: DETROIT, MI 48213-3417
Region: 1
Owner Name: NRT OWNER
Owner Address: Unknown
Owner City: Unknown
Owner State: MI
Owner Zip: 99999
Owner Phone: Not reported
Record ID: UTK-118997-15
Facility Status: Inactive
Tank ID: 8
Tank Status: NON-Registered Tank
Tank Capacity: Not reported
Tank Content: Other(Hydraulic-Oil)
Install Date: Not reported
Removal Date: Not reported
Tank Release Detect: Not reported
Pipe Release Detect: Not reported
Tank Piping Material: Unknown
Tank Constr. Material: Unknown

Name: FORMER GAS STATION
Address: 11000 SHOEMAKER ST
City,State,Zip: DETROIT, MI 48213-3417
Region: 1
Owner Name: NRT OWNER
Owner Address: Unknown
Owner City: Unknown
Owner State: MI
Owner Zip: 99999
Owner Phone: Not reported
Record ID: UTK-118996-15
Facility Status: Inactive

FORMER GAS STATION (Continued) **U004295546**

Tank ID: 7
Tank Status: NON-Registered Tank
Tank Capacity: Not reported
Tank Content: Other(Unkown)
Install Date: Not reported
Removal Date: Not reported
Tank Release Detect: Not reported
Pipe Release Detect: Not reported
Tank Piping Material: Unknown
Tank Constr. Material: Unknown

Name: FORMER GAS STATION
Address: 11000 SHOEMAKER ST
City,State,Zip: DETROIT, MI 48213-3417
Region: 1
Owner Name: NRT OWNER
Owner Address: Unknown
Owner City: Unknown
Owner State: MI
Owner Zip: 99999
Owner Phone: Not reported
Record ID: UTK-118995-15
Facility Status: Inactive
Tank ID: 6
Tank Status: NON-Registered Tank
Tank Capacity: 1000
Tank Content: Other(Fuel-Oil)
Install Date: Not reported
Removal Date: Not reported
Tank Release Detect: Not reported
Pipe Release Detect: Not reported
Tank Piping Material: Unknown
Tank Constr. Material: Unknown

B10 **MI DEPT/NATURAL RESOURCES AND ENVIRONMENT** **RCRA NonGen / NLR** **1007097469**
South **11000 SHOEMAKER ST** **MIK359369642**
< 1/8 **DETROIT, MI 48213**
0.021 mi.
112 ft. **Site 2 of 4 in cluster B**

Relative: **Higher**

Actual: **604 ft.**

RCRA Listings:

Date Form Received by Agency:	20030903
Handler Name:	Mi Dept/Natural Resources And Environment
Handler Address:	11000 SHOEMAKER ST
Handler City,State,Zip:	DETROIT, MI 48213
EPA ID:	MIK359369642
Contact Name:	PATRICIA THORNTON
Contact Address:	11000 SHOEMAKER ST
Contact City,State,Zip:	DETROIT, MI 48213
Contact Telephone:	313-456-4669
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	05
Land Type:	Municipal
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported

MI DEPT/NATURAL RESOURCES AND ENVIRONMENT (Continued) **1007097469**

Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	3058 W GRAND BLVD
Mailing City,State,Zip:	DETROIT, MI 48202
Owner Name:	City Of Detroit
Owner Type:	Municipal
Operator Name:	City Of Detroit
Operator Type:	Municipal
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110303
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

MI DEPT/NATURAL RESOURCES AND ENVIRONMENT (Continued) **1007097469**

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: CITY OF DETROIT	
Legal Status:	Municipal
Date Became Current:	20030903
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: CITY OF DETROIT	
Legal Status:	Municipal
Date Became Current:	20030903
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20030903
Handler Name:	MI DEPT/NATURAL RESOURCES AND ENVIRONMENT
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	44719
NAICS Description:	OTHER GASOLINE STATIONS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

B11 **FORMER GAS STATION** **MI LUST** **S106097582**
South **11000 SHOEMAKER ST** **MI INVENTORY** **N/A**
< 1/8 **DETROIT, MI 48213** **MI WDS**
0.021 mi.
112 ft. **Site 3 of 4 in cluster B**

Relative:
Higher

Actual:
604 ft.

LUST:

Name:	FORMER GAS STATION
Address:	11000 SHOEMAKER ST
City,State,Zip:	DETROIT, MI 48213
Facility ID:	50005233
Source:	Not reported
Owner Name:	Ajami, Vice President, Ali
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Owner Contact:	Not reported
Owner Phone:	(313) 425-0359
Country:	Not reported
District:	Detroit
Site Name:	Former Gas Station
Latitude:	42.38931
Longitude:	-82.98934
Date of Collection:	Not reported
Method of Collection:	The geographic coordinate determination method based on GPS code measurements (pseudo range) standard positioning service (SA Off).
Accuracy:	100
Accuracy Value Unit:	Not reported
Horizontal Data:	North American Datum of 1983
Point Line Area:	Center of a facility or station
Desc Category:	Not reported
Regulatory Program:	Not reported
Risk Condition:	Not reported
Project Manager:	Not reported
Senate District:	Not reported
House District:	Not reported
US Congressional District:	Not reported

Leak Number:	8346
Release Date:	10/06/2003
Substance Released:	Unknown
Release Status:	Open
Release Closed Date:	Not reported

Leak Number:	8346
Release Date:	10/06/2003
Substance Released:	Unknown
Release Status:	Open
Release Closed Date:	Not reported

Leak Number:	8346
Release Date:	10/06/2003
Substance Released:	Unknown
Release Status:	Open
Release Closed Date:	Not reported

Leak Number:	8346
Release Date:	10/06/2003
Substance Released:	Unknown
Release Status:	Open

FORMER GAS STATION (Continued) **S106097582**

Release Closed Date: Not reported

Leak Number: 8346
Release Date: 10/06/2003
Substance Released: Gasoline
Release Status: Open
Release Closed Date: Not reported

Leak Number: 8346
Release Date: 10/06/2003
Substance Released: Unknown
Release Status: Open
Release Closed Date: Not reported

Leak Number: 8346
Release Date: 10/06/2003
Substance Released: Unknown
Release Status: Open
Release Closed Date: Not reported

Leak Number: 8346
Release Date: 10/06/2003
Substance Released: Unknown
Release Status: Open
Release Closed Date: Not reported

Leak Number: 9785
Release Date: 10/07/2003
Substance Released: Gasoline
Release Status: Open
Release Closed Date: Not reported

Leak Number: 9785
Release Date: 10/07/2003
Substance Released: Unknown
Release Status: Open
Release Closed Date: Not reported

Leak Number: 9785
Release Date: 10/07/2003
Substance Released: Unknown
Release Status: Open
Release Closed Date: Not reported

Leak Number: 9785
Release Date: 10/07/2003
Substance Released: Waste Oil
Release Status: Open
Release Closed Date: Not reported

Leak Number: 9785
Release Date: 10/07/2003
Substance Released: Other
Release Status: Open
Release Closed Date: Not reported

Leak Number: 9785

FORMER GAS STATION (Continued) **S106097582**

Release Date: 10/07/2003
Substance Released: Gasoline
Release Status: Open
Release Closed Date: Not reported

Leak Number: 9785
Release Date: 10/07/2003
Substance Released: Gasoline
Release Status: Open
Release Closed Date: Not reported

Leak Number: 9785
Release Date: 10/07/2003
Substance Released: Other
Release Status: Open
Release Closed Date: Not reported

INVENTORY:
Name: FORMER GAS STATION
Address: 11000 SHOEMAKER ST
City,State,Zip: DETROIT, MI 48213
Township: Detroit
District: Warren
Data Source: Risks Controlled-Interim
Lust Name: Former Gas Station
Regulatory Program: 213
Release Status: Open
Project Manager: Thornton, Patricia
Latitude: 42.38931503
Longitude: -82.98934222

WDS:
Name: MI DEPT/NATURAL RESOURCES AND ENVIRONMENT
Address: 11000 SHOEMAKER ST
City,State,Zip: DETROIT, MI 48213
Site Id: MIK359369642
WMD Id: 476029
Site Specific Name: CITY OF DETROIT
Mailing Address: 25185 GODDARD RD
Mailing City/State/Zip: 48180
Mailing County: WAYNE

B12 **WEBER S SERVICE** **EDR Hist Auto** **1009485367**
South **11000 SHOEMAKER AVE** **N/A**
< 1/8 **DETROIT, MI**
0.021 mi.
112 ft. **Site 4 of 4 in cluster B**

Relative: EDR Hist Auto
Higher

Actual: Year: Name: Type:
604 ft. 1935 WEBER AND SCHNEIDER GASOLINE AND OIL SERVICE STATIONS
1940 WEBER HERMAN A GASOLINE AND OIL SERVICE STATIONS
1954 WEBER S SERVICE GASOLINE STATIONS
1964 WEBER S SERVICE GASOLINE STATIONS

13
SE
< 1/8
0.023 mi.
122 ft.

JACK S STANDARD SERVICE
11255 SHOEMAKER AVE
DETROIT, MI

EDR Hist Auto **1009485506**
N/A

Relative:
Lower

Actual:
601 ft.

EDR Hist Auto

Year:	Name:	Type:
1964	JACK S STANDARD SERVICE	GASOLINE STATIONS

C14
NE
< 1/8
0.058 mi.
305 ft.

HURRICANE INDUSTRIES LLC
5640 SAINT JEAN ST
DETROIT, MI 48213
Site 1 of 4 in cluster C

MI LUST **U000268646**
MI UST **N/A**

Relative:
Lower

Actual:
600 ft.

LUST:

Name:	HURRICANE INDUSTRIES LLC
Address:	5640 SAINT JEAN ST
City,State,Zip:	DETROIT, MI 48213
Facility ID:	34880
Source:	Not reported
Owner Name:	Nast, Robert
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Owner Contact:	Not reported
Owner Phone:	(248) 626-2440
Country:	Not reported
District:	Detroit
Site Name:	City Wide Transportation
Latitude:	42.39343
Longitude:	-82.98793
Date of Collection:	Not reported
Method of Collection:	The geographic coordinate determination method based on address matching-house number.
Accuracy:	100
Accuracy Value Unit:	Not reported
Horizontal Data:	North American Datum of 1983
Point Line Area:	Not reported
Desc Category:	Not reported
Regulatory Program:	Not reported
Risk Condition:	Not reported
Project Manager:	Not reported
Senate District:	Not reported
House District:	Not reported
US Congressional District:	Not reported
Leak Number:	20600
Release Date:	08/13/1992
Substance Released:	Not reported
Release Status:	Closed
Release Closed Date:	12/14/1992
Leak Number:	C-1368-92
Release Date:	08/13/1992
Substance Released:	Diesel
Release Status:	Closed
Release Closed Date:	12/14/1992

HURRICANE INDUSTRIES LLC (Continued) **U000268646**

UST:

Name:	HURRICANE INDUSTRIES LLC
Address:	5640 SAINT JEAN ST
City,State,Zip:	DETROIT 48213-3415
Facility Type:	ACTIVE
Facility ID:	00034880
Owner Name:	HURRICANE INDUSTRIES LLC
Owner Address:	5640 ST JEAN AVE
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48213
Owner Contact:	Not reported
Owner Phone:	3133611000
Contact:	Robert Nast
Contact Phone:	(313) 361-1000
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:	Temporarily Out of Use
Substance:	Gasoline
Install Date:	08/30/1992
Remove Date:	Not reported
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.39343
Longitude:	-82.98793

Name:	HURRICANE INDUSTRIES LLC
Address:	5640 SAINT JEAN ST
City,State,Zip:	DETROIT 48213-3415
Facility Type:	ACTIVE
Facility ID:	00034880
Owner Name:	HURRICANE INDUSTRIES LLC
Owner Address:	5640 ST JEAN AVE
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48213
Owner Contact:	Not reported
Owner Phone:	3133611000
Contact:	Robert Nast
Contact Phone:	(313) 361-1000
Date of Collection:	01/11/2001
Accuracy:	100

HURRICANE INDUSTRIES LLC (Continued) **U000268646**

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:	Temporarily Out of Use
Substance:	Diesel
Install Date:	08/30/1992
Remove Date:	Not reported
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.39343
Longitude:	-82.98793

Name:	HURRICANE INDUSTRIES LLC
Address:	5640 SAINT JEAN ST
City,State,Zip:	DETROIT 48213-3415
Facility Type:	ACTIVE
Facility ID:	00034880
Owner Name:	HURRICANE INDUSTRIES LLC
Owner Address:	5640 ST JEAN AVE
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48213
Owner Contact:	Not reported
Owner Phone:	3133611000
Contact:	Robert Nast
Contact Phone:	(313) 361-1000
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Region 1 - SE Michigan District Office
Tank ID:	1
Capacity:	10000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	Not reported
Remove Date:	08/01/1992
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported

HURRICANE INDUSTRIES LLC (Continued) **U000268646**

Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.39343
Longitude:	-82.98793

C15 **HURRICANE INDUSTRIES INC** **RCRA NonGen / NLR** **1007118971**
NE **5640 SAINT JEAN ST** **MIK273521633**
< 1/8 **DETROIT, MI 48213**
0.058 mi.
305 ft. **Site 2 of 4 in cluster C**

Relative: **Lower**

Actual: **600 ft.**

RCRA Listings:

Date Form Received by Agency:	20031222
Handler Name:	Hurricane Industries Inc
Handler Address:	5640 SAINT JEAN ST
Handler City,State,Zip:	DETROIT, MI 48213
EPA ID:	MIK273521633
Contact Name:	CHRISTOPHER KUZAK
Contact Address:	5640 SAINT JEAN ST
Contact City,State,Zip:	DETROIT, MI 48213
Contact Telephone:	313-361-1000
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	05
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	3633 MICHIGAN AVE
Mailing City,State,Zip:	DETROIT, MI 48216
Owner Name:	Hurricane Industries Inc
Owner Type:	Private
Operator Name:	Hurricane Industries Inc
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported

HURRICANE INDUSTRIES INC (Continued) **1007118971**

2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110303
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HURRICANE INDUSTRIES INC
Legal Status:	Private
Date Became Current:	20031212
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HURRICANE INDUSTRIES INC
Legal Status:	Private
Date Became Current:	20031212
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HURRICANE INDUSTRIES INC

HURRICANE INDUSTRIES INC (Continued) **1007118971**

Legal Status: Private
Date Became Current: 20031212
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HURRICANE INDUSTRIES INC
Legal Status: Private
Date Became Current: 20031212
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19800101
Handler Name: HURRICANE INDUSTRIES INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20031222
Handler Name: HURRICANE INDUSTRIES INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 42311
NAICS Description: AUTOMOBILE AND OTHER MOTOR VEHICLE MERCHANT WHOLESALERS

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

HURRICANE INDUSTRIES INC (Continued) **1007118971**

Evaluation Action Summary:
Evaluations: No Evaluations Found

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16 ESE < 1/8 0.066 mi. 346 ft.

DETROIT DROP HAMMER BOARD CO
11400 SHOEMAKER ST
DETROIT, MI 48213

RCRA NonGen / NLR **1000367009**
FINDS **MID005327960**
ECHO

Relative: Lower

Actual: 600 ft.

RCRA Listings:

Date Form Received by Agency:	20011231
Handler Name:	Detroit Drop Hammer Board Co
Handler Address:	11400 SHOEMAKER ST
Handler City,State,Zip:	DETROIT, MI 48213
EPA ID:	MID005327960
Contact Name:	PAT STANLEY
Contact Address:	11400 SHOEMAKER ST
Contact City,State,Zip:	DETROIT, MI 48213
Contact Telephone:	313-921-1766
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	05
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 13470
Mailing City,State,Zip:	DETROIT, MI 48213
Owner Name:	No Active O/Op As Not Generating Waste
Owner Type:	Private
Operator Name:	No Active O/Op As Not Generating Waste
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline

DETROIT DROP HAMMER BOARD CO (Continued) **1000367009**

202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110303
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

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

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

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NO ACTIVE O/OP AS NOT GENERATING WASTE
Legal Status:	Private
Date Became Current:	20020101

DETROIT DROP HAMMER BOARD CO (Continued) **1000367009**

Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

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

Historic Generators:
Receive Date: 20011231
Handler Name: DETROIT DROP HAMMER BOARD CO
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19891012
Handler Name: DETROIT DROP HAMMER BOARD CO
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 11131
NAICS Description: ORANGE GROVES

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

Evaluation Action Summary:

DETROIT DROP HAMMER BOARD CO (Continued) **1000367009**

Evaluations: No Evaluations Found

FINDS:
Registry ID: 110003579413

Click Here for FRS Facility Detail Report:

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

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

ECHO:

Envid:	1000367009
Registry ID:	110003579413
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110003579413
Name:	DETROIT DROP HAMMER BOARD CO
Address:	11400 SHOEMAKER ST
City,State,Zip:	DETROIT, MI 48213

---

17 **HERN YARD** **MI LUST** **U000266700**
NNW **11002 HERN ST** **MI UST** **N/A**
< 1/8 **DETROIT, MI 48213** **MI Financial Assurance**
0.067 mi. **MI WDS**
355 ft.

Relative:
Lower

Actual:
583 ft.

LUST:

Name:	HERN YARD
Address:	11002 HERN ST
City,State,Zip:	DETROIT, MI 48213
Facility ID:	8526
Source:	Not reported
Owner Name:	Dabaja, Imad
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Owner Contact:	Not reported
Owner Phone:	Not reported
Country:	Not reported
District:	Detroit
Site Name:	Hearn Yard
Latitude:	42.39274
Longitude:	-82.99224
Date of Collection:	Not reported
Method of Collection:	The geographic coordinate determination method based on address matching-house number.
Accuracy:	100
Accuracy Value Unit:	Not reported
Horizontal Data:	North American Datum of 1983
Point Line Area:	Not reported
Desc Category:	Not reported
Regulatory Program:	Not reported

HERN YARD (Continued) **U000266700**

Risk Condition:	Not reported
Project Manager:	Not reported
Senate District:	Not reported
House District:	Not reported
US Congressional District:	Not reported
Leak Number:	3676
Release Date:	08/26/1991
Substance Released:	Not reported
Release Status:	Closed
Release Closed Date:	12/14/1992
Leak Number:	C-1764-91
Release Date:	08/26/1991
Substance Released:	Unknown
Release Status:	Closed
Release Closed Date:	12/14/1992

UST:

Name:	HERN YARD
Address:	11002 HERN ST
City,State,Zip:	DETROIT 48213-3462
Facility Type:	ACTIVE
Facility ID:	00008526
Owner Name:	WAYNE COUNTY - IPPM
Owner Address:	29900 GODDARD
Owner City:	ROMULUS
Owner State:	MI
Owner Zip:	48174
Owner Contact:	Not reported
Owner Phone:	3134607096
Contact:	Fred Greene
Contact Phone:	(313) 875-9066
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Region 1 - SE Michigan District Office
Tank ID:	2
Capacity:	2000
Tank Status:	Currently In Use
Substance:	Diesel
Install Date:	01/01/1992
Remove Date:	Not reported
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.39274
Longitude:	-82.99224

HERN YARD (Continued) **U000266700**

Name:	HERN YARD
Address:	11002 HERN ST
City,State,Zip:	DETROIT 48213-3462
Facility Type:	ACTIVE
Facility ID:	00008526
Owner Name:	WAYNE COUNTY - IPPM
Owner Address:	29900 GODDARD
Owner City:	ROMULUS
Owner State:	MI
Owner Zip:	48174
Owner Contact:	Not reported
Owner Phone:	3134607096
Contact:	Fred Greene
Contact Phone:	(313) 875-9066
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Region 1 - SE Michigan District Office
Tank ID:	1
Capacity:	2000
Tank Status:	Removed from Ground
Substance:	Diesel
Install Date:	04/01/1974
Remove Date:	08/26/1991
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.39274
Longitude:	-82.99224

FINANCIAL ASSURANCE 3:

Name:	HERN YARD
Address:	11002 HERN ST
City,State,Zip:	DETROIT, MI 48213-3462
Facility ID:	00008526
Exempt:	No
Expiration Date:	11/01/2012
Bond Rating Tests:	CHECKED
Commerical Insurance:	Not reported
Guarantee:	Not reported
Letter of Credit:	Not reported
Risk Retention Group:	Not reported
Self Insurance:	Not reported
State Funds:	Not reported
Surety Bond:	Not reported
Trust Funds:	Not reported
Year:	2012

HERN YARD (Continued) **U000266700**

WDS:
Name: COUNTY OF WAYNE ROAD COMMISSION
Address: 11002 HERN ST
City,State,Zip: DETROIT, MI 48213
Site Id: MIG000004664
WMD Id: 458529
Site Specific Name: WAYNE COUNTY ROAD COMM
Mailing Address: 350 LAKE SHORE RD
Mailing City/State/Zip: 48236
Mailing County: WAYNE

D18 **INDIAN REFINING CO** **EDR Hist Auto** **1009485324**
SW **10945 SHOEMAKER AVE** **N/A**
< 1/8 **DETROIT, MI**
0.071 mi.
375 ft. **Site 1 of 5 in cluster D**

Relative: EDR Hist Auto
Higher

Actual: **605 ft.**

Year:	Name:	Type:
1926	INDIAN REFINING CO	GASOLINE SERVICE STATIONS
1935	LUCHT AUGUST	GASOLINE AND OIL SERVICE STATIONS
1935	ENGELMAN ALBERT	GASOLINE AND OIL SERVICE STATIONS
1940	LUCHT AUG	GASOLINE AND OIL SERVICE STATIONS
1954	SPRINGFIELD SERVICE	GASOLINE STATIONS
1964	SPRINGFIELD SERVICE	GASOLINE STATIONS

D19 **GERTIN BROS GARAGE** **EDR Hist Auto** **1009485310**
SSW **10920 SHOEMAKER AVE** **N/A**
< 1/8 **DETROIT, MI**
0.075 mi.
395 ft. **Site 2 of 5 in cluster D**

Relative: EDR Hist Auto
Higher

Actual: **605 ft.**

Year:	Name:	Type:
1935	GERTIN BROS	AUTOMOBILE REPAIRING
1964	GERTIN BROS GARAGE	AUTOMOBILE REPAIRING
1971	EAST SIDE FRAME INC	General Automotive Repair Shops
1972	EAST SIDE FRAME INC	General Automotive Repair Shops
1973	EAST SIDE FRAME INC	General Automotive Repair Shops
1974	EAST SIDE FRAME INC	General Automotive Repair Shops
1976	EAST SIDE FRAME INC	General Automotive Repair Shops
1977	EAST SIDE FRAME INC	General Automotive Repair Shops
1978	EAST SIDE FRAME INC	General Automotive Repair Shops
1979	EAST SIDE FRAME INC	General Automotive Repair Shops
1980	EAST SIDE FRAME INC	General Automotive Repair Shops
1982	EAST SIDE FRAME INC	General Automotive Repair Shops
1983	EAST SIDE FRAME INC	General Automotive Repair Shops
1987	EAST SIDE FRAME	Not reported
1988	EAST SIDE FRAME	Automotive Repair Shops, NEC

D20
SW
< 1/8
0.084 mi.
444 ft.

POULOS JOHN
10929 SHOEMAKER AVE
DETROIT, MI

Site 3 of 5 in cluster D

EDR Hist Cleaner **1009475619**
N/A

Relative:
Higher

Actual:
605 ft.

EDR Hist Cleaner

Year:	Name:	Type:
1940	POULOS JOHN	CLOTHES PRESSERS AND CLEANERS

C21
NE
< 1/8
0.084 mi.
445 ft.

MICHIGAN BELL TELEPHONE COMPANY
5664 SAINT JEAN ST
DETROIT, MI 48213

Site 3 of 4 in cluster C

RCRA NonGen / NLR **1007102174**
MIP200001413

Relative:
Lower

Actual:
601 ft.

RCRA Listings:

Date Form Received by Agency:	20020104
Handler Name:	Michigan Bell Telephone Company
Handler Address:	5664 SAINT JEAN ST
Handler City,State,Zip:	DETROIT, MI 48213
EPA ID:	MIP200001413
Contact Name:	MANDY BOHLMANN
Contact Address:	5664 SAINT JEAN ST
Contact City,State,Zip:	DETROIT, MI 48213
Contact Telephone:	877-648-2073
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	05
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	36 SOUTH FAIRVIEW AVE
Mailing City,State,Zip:	PARK RIDGE, IL 60068
Owner Name:	No Active O/Op As Not Generating Waste
Owner Type:	Private
Operator Name:	No Active O/Op As Not Generating Waste
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported

MICHIGAN BELL TELEPHONE COMPANY (Continued) **1007102174**

Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110303
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: NO ACTIVE O/OP AS NOT GENERATING WASTE	
Legal Status:	Private
Date Became Current:	20020105
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: NO ACTIVE O/OP AS NOT GENERATING WASTE	
Legal Status:	Private
Date Became Current:	20020105
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

MICHIGAN BELL TELEPHONE COMPANY (Continued) **1007102174**

Owner/Operator Indicator: Owner
Owner/Operator Name: NO ACTIVE O/OP AS NOT GENERATING WASTE
Legal Status: Private
Date Became Current: 20020105
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NO ACTIVE O/OP AS NOT GENERATING WASTE
Legal Status: Private
Date Became Current: 20020105
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19800101
Handler Name: MICHIGAN BELL TELEPHONE COMPANY
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20020104
Handler Name: MICHIGAN BELL TELEPHONE COMPANY
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 51711
NAICS Description: WIRED AND WIRELESS TELECOMMUNICATIONS CARRIERS (EXCEPT SATELLITE)

MICHIGAN BELL TELEPHONE COMPANY (Continued) **1007102174**

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

Evaluation Action Summary:
Evaluations: No Evaluations Found

C22 **ST JEAN 5664 BURIED DRUMS** **MI PART 201** **S105144835**
NE **5664 ST. JEAN** **MI INVENTORY** **N/A**
< 1/8 **DETROIT, MI 48237**
0.084 mi.
445 ft. **Site 4 of 4 in cluster C**

Relative:
Lower

Actual:
601 ft.

PART 201:

Facility ID:	82001497
Facility Status:	**Interim Response in progress**
Source:	Electronic Equip & Components
SAM Score:	31
SAM Score Date:	08/18/1993
Township:	01S
Range:	12E
Section:	23
Quarter:	SE
Quarter/Quarter:	SE
Pollutants:	Anthracene; Chrysene; Fluoranthene

INVENTORY:

Name:	ST JEAN 5664 BURIED DRUMS
Address:	5664 ST. JEAN
City,State,Zip:	DETROIT, MI 48237
Township:	Detroit
District:	Warren
Data Source:	Risks Present and Require Action in Short-term
Lust Name:	Not reported
Regulatory Program:	201
Release Status:	Not reported
Project Manager:	Unassigned, Southeast MI
Latitude:	42.392644
Longitude:	-82.986438

D23 **SHOEMAKER QUALITY CLEANERS** **EDR Hist Cleaner** **1009475617**
SW **10923 SHOEMAKER** **N/A**
< 1/8 **DETROIT, MI**
0.094 mi.
494 ft. **Site 4 of 5 in cluster D**

Relative:
Higher

Actual:
605 ft.

EDR Hist Cleaner

Year:	Name:	Type:
1964	SHOEMAKER QUALITY CLEANERS	CLEANERS AND DYERS

D24 **A AND M CLEANERS** **EDR Hist Cleaner** **1009475602**
SW **10858 SHOEMAKER AVE** **N/A**
< 1/8 **DETROIT, MI**
0.111 mi.
584 ft. **Site 5 of 5 in cluster D**

Relative: EDR Hist Cleaner
Higher

Actual: Year: Name: Type:
605 ft. 1970 A AND M CLEANERS CLEANERS AND DYERS

E25 **DDOT BUS FACILITY** **US BROWNFIELDS** **1016346144**
SE **5151 ST. JEAN** **FINDS** **N/A**
< 1/8 **DETROIT, MI 48214**
0.120 mi.
636 ft. **Site 1 of 5 in cluster E**

Relative: US BROWNFIELDS:
Lower

Actual: Name: DDOT BUS FACILITY
600 ft. Address: 5151 ST. JEAN
Recipient name: Detroit, City of
Grant type: Assessment
Region: 5
Property Number: Not reported
Parcel size: 47
Latitude: 42.388459
Longitude: -82.984807
HCM Label: Address Matching-House Number
Map Scale: 100000
Point of Reference: Entrance Point of a Facility or Station
Highlights: Not reported
Datum: North American Datum of 1983
Acres Property ID: 13691
IC Data Access: Not reported
Start Date: Not reported
Redev Completition Date: Not reported
Completed Date: Not reported
Acres Cleaned Up: Not reported
Cleanup Funding: Not reported
Cleanup Funding Source: Not reported
Assessment Funding: 6920
Assessment Funding Source: EPA
Redevelopment Funding: Not reported
Redev. Funding Source: Not reported
Redev. Funding Entity Name: Not reported
Redevelopment Start Date: Not reported
Assessment Funding Entity: US EPA - Brownfields Assessment Cooperative Agreement
Cleanup Funding Entity: Not reported
Grant Type: Not reported
Accomplishment Type: Phase I Environmental Assessment
Accomplishment Count: N
Cooperative Agreement Number: 98520401
Start Date: 9/1/2002
Ownership Entity: Not reported
Completion Date: 2/28/2003
Current Owner: Not reported
Did Owner Change: N
Cleanup Required: Y
Video Available: Not reported
Photo Available: Not reported

DDOT BUS FACILITY (Continued) **1016346144**

Institutional Controls Required:	Not reported
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:	U
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Contaminant Found:	Not reported
Contaminant Cleanup:	Not reported
Media Affected:	Not reported
Media Cleanup:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	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
Superfund Fed. landowner flag:	Not reported
Future Use: Multistory	Not reported
Past Use: Multistory	Not reported
Property Description:	Not reported
Below Poverty Number:	1226
Below Poverty Percent:	50.39
Meidan Income:	2966
Meidan Income Number:	1825
Meidan Income Percent:	75.01
Vacant Housing Number:	248
Vacant Housing Percent:	26.68
Unemployed Number:	236
Unemployed Percent:	9.7

Name:	DDOT BUS FACILITY
Address:	5151 ST. JEAN
Recipient name:	Detroit, City of
Grant type:	Assessment
Region:	5
Property Number:	Not reported
Parcel size:	47
Latitude:	42.388459
Longitude:	-82.984807
HCM Label:	Address Matching-House Number
Map Scale:	100000
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Not reported
Datum:	North American Datum of 1983
Acres Property ID:	13691
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported

DDOT BUS FACILITY (Continued) **1016346144**

Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
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:	Not reported
Grant Type:	Not reported
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	N
Cooperative Agreement Number:	98520401
Start Date:	3/1/2003
Ownership Entity:	Not reported
Completion Date:	Not reported
Current Owner:	Not reported
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	Not reported
Photo Available:	Not reported
Institutional Controls Required:	Not reported
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:	U
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Contaminant Found:	Not reported
Contaminant Cleanup:	Not reported
Media Affected:	Not reported
Media Cleanup:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	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
Superfund Fed. landowner flag:	Not reported
Future Use: Multistory	Not reported
Past Use: Multistory	Not reported
Property Description:	Not reported
Below Poverty Number:	1226
Below Poverty Percent:	50.39
Meidan Income:	2966
Meidan Income Number:	1825
Meidan Income Percent:	75.01
Vacant Housing Number:	248
Vacant Housing Percent:	26.68
Unemployed Number:	236

DDOT BUS FACILITY (Continued) **1016346144**

Unemployed Percent: 9.7

FINDS:
Registry ID: 110038704284

Click Here for FRS Facility Detail Report:

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.

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

E26 **DOT SHOEMAKER REHAB CITY OF DETROIT** **RCRA-VSQG** **1000465228**
SE **5151 SAINT JEAN** **FINDS** **MID985598572**
< 1/8 **DETROIT, MI 48213** **ECHO**
0.120 mi.
636 ft. **Site 2 of 5 in cluster E**

Relative: **Lower**
Actual: **600 ft.**

RCRA Listings:

Date Form Received by Agency:	20000912
Handler Name:	Dot Shoemaker Rehab City Of Detroit
Handler Address:	5151 SAINT JEAN
Handler City,State,Zip:	DETROIT, MI 48213
EPA ID:	MID985598572
Contact Name:	ARNOLD FAUST
Contact Address:	5151 SAINT JEAN
Contact City,State,Zip:	DETROIT, MI 48213
Contact Telephone:	313-852-4884
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	05
Land Type:	Municipal
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	5149 SAINT JEAN ST
Mailing City,State,Zip:	DETROIT, MI 48213
Owner Name:	Detroit City Of
Owner Type:	Municipal
Operator Name:	Detroit City Of
Operator Type:	Municipal
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No

DOT SHOEMAKER REHAB CITY OF DETROIT (Continued) **1000465228**

Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110303
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: DETROIT CITY OF	
Legal Status:	Municipal
Date Became Current:	19700101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: DETROIT CITY OF	
Legal Status:	Municipal
Date Became Current:	19700101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported

DOT SHOEMAKER REHAB CITY OF DETROIT (Continued) **1000465228**

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

Owner/Operator Indicator: Owner
Owner/Operator Name: DETROIT CITY OF
Legal Status: Municipal
Date Became Current: 19700101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: DETROIT CITY OF
Legal Status: Municipal
Date Became Current: 19700101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19901105
Handler Name: DOT SHOEMAKER REHAB CITY OF DETROIT
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20000912
Handler Name: DOT SHOEMAKER REHAB CITY OF DETROIT
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

DOT SHOEMAKER REHAB CITY OF DETROIT (Continued) **1000465228**

List of NAICS Codes and Descriptions:
NAICS Code: 48511
NAICS Description: URBAN TRANSIT SYSTEMS

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

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110003647484

Click Here for FRS Facility Detail Report:

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

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

ECHO:
Envid: 1000465228
Registry ID: 110003647484
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110003647484
Name: DOT SHOEMAKER REHAB CITY OF DETROIT
Address: 5151 SAINT JEAN
City,State,Zip: DETROIT, MI 48213

E27 **CITY OF DETROIT** **RCRA-VSQG** **1000865648**
SE **5149 SAINT JEAN ST** **FINDS** **MI0000113654**
< 1/8 **DETROIT, MI 48213** **ECHO**
0.121 mi.
641 ft. **Site 3 of 5 in cluster E**

Relative: **Lower**
Actual: **600 ft.**

RCRA Listings:
Date Form Received by Agency: 20030101
Handler Name: City Of Detroit
Handler Address: 5149 SAINT JEAN ST
Handler City,State,Zip: DETROIT, MI 48213
EPA ID: MI0000113654
Contact Name: KEOKEN ONG
Contact Address: 5149 SAINT JEAN ST
Contact City,State,Zip: DETROIT, MI 48213
Contact Telephone: 313-833-7676
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 05
Land Type: Municipal
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator

CITY OF DETROIT (Continued) **1000865648**

Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1301 E WARREN AVE
Mailing City,State,Zip:	DETROIT, MI 48207
Owner Name:	City Of Detroit
Owner Type:	Municipal
Operator Name:	City Of Detroit
Operator Type:	Municipal
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110303
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

CITY OF DETROIT (Continued) **1000865648**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: CITY OF DETROIT	
Legal Status:	Municipal
Date Became Current:	19700101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: CITY OF DETROIT	
Legal Status:	Municipal
Date Became Current:	19700101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: CITY OF DETROIT	
Legal Status:	Municipal
Date Became Current:	19700101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: CITY OF DETROIT	
Legal Status:	Municipal
Date Became Current:	19700101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: CITY OF DETROIT	
Legal Status:	Municipal
Date Became Current:	19700101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported

CITY OF DETROIT (Continued) **1000865648**

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

Owner/Operator Indicator: Owner
Owner/Operator Name: CITY OF DETROIT
Legal Status: Municipal
Date Became Current: 19700101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20030101
Handler Name: CITY OF DETROIT
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19940207
Handler Name: CITY OF DETROIT
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20010405
Handler Name: CITY OF DETROIT
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

CITY OF DETROIT (Continued) **1000865648**

List of NAICS Codes and Descriptions:
NAICS Code: 23731
NAICS Description: HIGHWAY, STREET, AND BRIDGE CONSTRUCTION

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

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110003561734

Click Here for FRS Facility Detail Report:

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

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

ECHO:
Envid: 1000865648
Registry ID: 110003561734
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110003561734
Name: CITY OF DETROIT
Address: 5149 SAINT JEAN ST
City,State,Zip: DETROIT, MI 48213

E28 **DDOT SHOEMAKER GARAGE** **MI LUST** **U004159125**
SE **5149 SAINT JEAN ST** **MI UST** **N/A**
< 1/8 **DETROIT, MI 48213** **MI INVENTORY**
0.121 mi. **MI Financial Assurance**
641 ft. **Site 4 of 5 in cluster E**

Relative: Lower
Actual: 600 ft.

LUST:
Name: DDOT SHOEMAKER GARAGE
Address: 5149 SAINT JEAN ST
City,State,Zip: DETROIT, MI 48213
Facility ID: 13466
Source: 24000
Owner Name: A. WABEKE, MARK
Owner Address: Not reported
Owner City,St,Zip: Not reported
Owner Contact: Not reported
Owner Phone: Not reported
Country: Not reported
District: Detroit
Site Name: Dept Of Transportation
Latitude: 42.38852
Longitude: -82.98635

DDOT SHOEMAKER GARAGE (Continued) **U004159125**

Date of Collection:	Not reported
Method of Collection:	The geographic coordinate determination method based on interpolation-photo.
Accuracy:	20
Accuracy Value Unit:	Not reported
Horizontal Data:	North American Datum of 1983
Point Line Area:	Center of a facility or station
Desc Category:	Not reported
Regulatory Program:	Not reported
Risk Condition:	Not reported
Project Manager:	Not reported
Senate District:	Not reported
House District:	Not reported
US Congressional District:	Not reported

Leak Number:	1333
Release Date:	12/13/2000
Substance Released:	Not reported
Release Status:	Open
Release Closed Date:	Not reported

Leak Number:	30337
Release Date:	12/15/1999
Substance Released:	Not reported
Release Status:	Open
Release Closed Date:	Not reported

Leak Number:	31534
Release Date:	08/06/2018
Substance Released:	Diesel
Release Status:	Open
Release Closed Date:	Not reported

Leak Number:	4837
Release Date:	10/19/2001
Substance Released:	Diesel
Release Status:	Open
Release Closed Date:	Not reported

Leak Number:	5653
Release Date:	03/04/2002
Substance Released:	Diesel
Release Status:	Open
Release Closed Date:	Not reported

Leak Number:	5767
Release Date:	11/12/2002
Substance Released:	Used Oil
Release Status:	Open
Release Closed Date:	Not reported

Leak Number:	6319
Release Date:	01/28/2003
Substance Released:	Diesel
Release Status:	Open
Release Closed Date:	Not reported

DDOT SHOEMAKER GARAGE (Continued) **U004159125**

Leak Number: C-0023-03
Release Date: 01/28/2003
Substance Released: Diesel
Release Status: Open
Release Closed Date: Not reported

Leak Number: C-0111-02
Release Date: 03/04/2002
Substance Released: Diesel
Release Status: Open
Release Closed Date: Not reported

Leak Number: C-0165-18
Release Date: 08/21/2018
Substance Released: Diesel
Release Status: Open
Release Closed Date: Not reported

Leak Number: C-0617-02
Release Date: 11/12/2002
Substance Released: Used Oil
Release Status: Open
Release Closed Date: Not reported

Leak Number: C-0995-00
Release Date: 12/13/2000
Substance Released: Unknown
Release Status: Open
Release Closed Date: Not reported

Leak Number: C-1310-99
Release Date: 12/15/1999
Substance Released: Unknown
Release Status: Open
Release Closed Date: Not reported

Leak Number: C-1324-01
Release Date: 10/19/2001
Substance Released: Diesel
Release Status: Open
Release Closed Date: Not reported

UST:
Name: DDOT SHOEMAKER GARAGE
Address: 5149 SAINT JEAN ST
City,State,Zip: DETROIT 48213-3412
Facility Type: ACTIVE
Facility ID: 00013466
Owner Name: Not reported
Owner Address: 1301 E. WARREN
Owner City: DETROIT
Owner State: MI
Owner Zip: 48207
Owner Contact: Not reported
Owner Phone: 3138333000
Contact: Boris Timarac
Contact Phone: (313) 320-1381
Date of Collection: 01/11/2001

DDOT SHOEMAKER GARAGE (Continued) **U004159125**

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:	9
Capacity:	5000
Tank Status:	Removed from Ground
Substance:	Used Oil
Install Date:	05/06/1979
Remove Date:	11/12/2002
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.38912
Longitude:	-82.98553

Name:	DDOT SHOEMAKER GARAGE
Address:	5149 SAINT JEAN ST
City,State,Zip:	DETROIT 48213-3412
Facility Type:	ACTIVE
Facility ID:	00013466
Owner Name:	Not reported
Owner Address:	1301 E. WARREN
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48207
Owner Contact:	Not reported
Owner Phone:	3138333000
Contact:	Boris Timarac
Contact Phone:	(313) 320-1381
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:	8
Capacity:	10000
Tank Status:	Removed from Ground
Substance:	Other(ENGINE OIL)
Install Date:	05/06/1979
Remove Date:	03/21/2003
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported

DDOT SHOEMAKER GARAGE (Continued) **U004159125**

Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.38912
Longitude:	-82.98553

Name:	DDOT SHOEMAKER GARAGE
Address:	5149 SAINT JEAN ST
City,State,Zip:	DETROIT 48213-3412
Facility Type:	ACTIVE
Facility ID:	00013466
Owner Name:	Not reported
Owner Address:	1301 E. WARREN
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48207
Owner Contact:	Not reported
Owner Phone:	3138333000
Contact:	Boris Timarac
Contact Phone:	(313) 320-1381
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:	10000
Tank Status:	Removed from Ground
Substance:	Other(TRANS OIL)
Install Date:	05/06/1979
Remove Date:	03/21/2003
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.38912
Longitude:	-82.98553

Name:	DDOT SHOEMAKER GARAGE
Address:	5149 SAINT JEAN ST
City,State,Zip:	DETROIT 48213-3412
Facility Type:	ACTIVE
Facility ID:	00013466
Owner Name:	Not reported
Owner Address:	1301 E. WARREN
Owner City:	DETROIT
Owner State:	MI

DDOT SHOEMAKER GARAGE (Continued) **U004159125**

Owner Zip:	48207
Owner Contact:	Not reported
Owner Phone:	3138333000
Contact:	Boris Timarac
Contact Phone:	(313) 320-1381
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:	2500
Tank Status:	Removed from Ground
Substance:	Other(ANTI/FREEZE)
Install Date:	05/06/1979
Remove Date:	03/21/2003
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.38912
Longitude:	-82.98553

Name:	DDOT SHOEMAKER GARAGE
Address:	5149 SAINT JEAN ST
City,State,Zip:	DETROIT 48213-3412
Facility Type:	ACTIVE
Facility ID:	00013466
Owner Name:	Not reported
Owner Address:	1301 E. WARREN
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48207
Owner Contact:	Not reported
Owner Phone:	3138333000
Contact:	Boris Timarac
Contact Phone:	(313) 320-1381
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:	12000
Tank Status:	Removed from Ground

DDOT SHOEMAKER GARAGE (Continued) **U004159125**

Substance:	Gasoline
Install Date:	05/06/1979
Remove Date:	03/21/2003
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.38912
Longitude:	-82.98553

Name:	DDOT SHOEMAKER GARAGE
Address:	5149 SAINT JEAN ST
City,State,Zip:	DETROIT 48213-3412
Facility Type:	ACTIVE
Facility ID:	00013466
Owner Name:	Not reported
Owner Address:	1301 E. WARREN
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48207
Owner Contact:	Not reported
Owner Phone:	3138333000
Contact:	Boris Timarac
Contact Phone:	(313) 320-1381
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:	25000
Tank Status:	Closed in Ground
Substance:	Diesel
Install Date:	05/06/1979
Remove Date:	03/21/2003
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.38912
Longitude:	-82.98553

Name:	DDOT SHOEMAKER GARAGE
Address:	5149 SAINT JEAN ST
City,State,Zip:	DETROIT 48213-3412

DDOT SHOEMAKER GARAGE (Continued) **U004159125**

Facility Type:	ACTIVE
Facility ID:	00013466
Owner Name:	Not reported
Owner Address:	1301 E. WARREN
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48207
Owner Contact:	Not reported
Owner Phone:	3138333000
Contact:	Boris Timarac
Contact Phone:	(313) 320-1381
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:	25000
Tank Status:	Removed from Ground
Substance:	Diesel
Install Date:	05/06/1979
Remove Date:	03/21/2003
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.38912
Longitude:	-82.98553

Name:	DDOT SHOEMAKER GARAGE
Address:	5149 SAINT JEAN ST
City,State,Zip:	DETROIT 48213-3412
Facility Type:	ACTIVE
Facility ID:	00013466
Owner Name:	Not reported
Owner Address:	1301 E. WARREN
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48207
Owner Contact:	Not reported
Owner Phone:	3138333000
Contact:	Boris Timarac
Contact Phone:	(313) 320-1381
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT

DDOT SHOEMAKER GARAGE (Continued) **U004159125**

Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Region 1 - SE Michigan District Office
Tank ID:	22
Capacity:	10000
Tank Status:	Currently In Use
Substance:	Diesel
Install Date:	10/24/2011
Remove Date:	Not reported
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.38912
Longitude:	-82.98553

Name:	DDOT SHOEMAKER GARAGE
Address:	5149 SAINT JEAN ST
City,State,Zip:	DETROIT 48213-3412
Facility Type:	ACTIVE
Facility ID:	00013466
Owner Name:	Not reported
Owner Address:	1301 E. WARREN
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48207
Owner Contact:	Not reported
Owner Phone:	3138333000
Contact:	Boris Timarac
Contact Phone:	(313) 320-1381
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:	21
Capacity:	25000
Tank Status:	Currently In Use
Substance:	Diesel
Install Date:	05/09/2009
Remove Date:	Not reported
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported

DDOT SHOEMAKER GARAGE (Continued) **U004159125**

Latitude:	42.38912
Longitude:	-82.98553
Name:	DDOT SHOEMAKER GARAGE
Address:	5149 SAINT JEAN ST
City,State,Zip:	DETROIT 48213-3412
Facility Type:	ACTIVE
Facility ID:	00013466
Owner Name:	Not reported
Owner Address:	1301 E. WARREN
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48207
Owner Contact:	Not reported
Owner Phone:	3138333000
Contact:	Boris Timarac
Contact Phone:	(313) 320-1381
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:	20
Capacity:	12000
Tank Status:	Currently In Use
Substance:	Gasoline
Install Date:	01/01/2003
Remove Date:	Not reported
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.38912
Longitude:	-82.98553

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

Name:	DDOT SHOEMAKER GARAGE
Address:	5149 SAINT JEAN ST
City,State,Zip:	DETROIT 48213-3412
Facility Type:	ACTIVE
Facility ID:	00013466
Owner Name:	Not reported
Owner Address:	1301 E. WARREN
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48207
Owner Contact:	Not reported

DDOT SHOEMAKER GARAGE (Continued) **U004159125**

Owner Phone:	3138333000
Contact:	Boris Timarac
Contact Phone:	(313) 320-1381
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:	25000
Tank Status:	Removed from Ground
Substance:	Diesel
Install Date:	05/06/1979
Remove Date:	03/21/2003
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.38912
Longitude:	-82.98553

INVENTORY:

Name:	DDOT SHOEMAKER GARAGE
Address:	5149 SAINT JEAN ST
City,State,Zip:	DETROIT, MI 48213
Township:	Not reported
District:	Warren
Data Source:	Risks Present and Immediate
Lust Name:	Dept Of Transportation
Regulatory Program:	213
Release Status:	Open
Project Manager:	Schlaufman, Jeanne
Latitude:	42.38852913
Longitude:	-82.9863513

FINANCIAL ASSURANCE 3:

Name:	DDOT SHOEMAKER GARAGE
Address:	5149 SAINT JEAN ST
City,State,Zip:	DETROIT, MI 48213-3412
Facility ID:	00013466
Exempt:	No
Expiration Date:	07/21/2024
Bond Rating Tests:	Not reported
Commerical Insurance:	Not reported
Guarantee:	Not reported
Letter of Credit:	Not reported
Risk Retention Group:	Not reported
Self Insurance:	Not reported

DDOT SHOEMAKER GARAGE (Continued) **U004159125**

State Funds: CHECKED
Surety Bond: Not reported
Trust Funds: Not reported
Year: 2022

F29 **EASTSIDE OIL CO INC** **MI UST** **U004181455**
NW **11001 HERN ST** **N/A**
< 1/8 **DETROIT, MI 48213**
0.123 mi.
649 ft. **Site 1 of 3 in cluster F**

Relative: UST:
Lower
Name: EASTSIDE OIL CO INC
Actual: Address: 11001 HERN ST
602 ft. City,State,Zip: DETROIT 48213-3462
Facility Type: ACTIVE
Facility ID: 00013119
Owner Name: OWNER ADDRESS UNKNOWN
Owner Address: NOT RECORDED
Owner City: NOT RECORDED
Owner State: XX
Owner Zip: 99999
Owner Contact: Not reported
Owner Phone: Not reported
Contact: Not reported
Contact Phone: Not reported
Date of Collection: Not reported
Accuracy: Not reported
Horizontal Datum: Not reported
Accuracy Value Unit: Not reported
Source: Not reported
Point Line Area: Not reported
Desc Category: Not reported
Method of Collection: Not reported
District: Not reported
Tank ID: 5
Capacity: 2000
Tank Status: Currently In Use
Substance: Gasoline
Install Date: 05/08/1967
Remove Date: Not reported
Tank Number: Not reported
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Not reported
Piping Type: Not reported
Tank Construction: Not reported
Impressed Device: Not reported
Latitude: Not reported
Longitude: Not reported

Name: EASTSIDE OIL CO INC
Address: 11001 HERN ST
City,State,Zip: DETROIT 48213-3462
Facility Type: ACTIVE
Facility ID: 00013119
Owner Name: OWNER ADDRESS UNKNOWN

EASTSIDE OIL CO INC (Continued) **U004181455**

Owner Address:	NOT RECORDED
Owner City:	NOT RECORDED
Owner State:	XX
Owner Zip:	99999
Owner Contact:	Not reported
Owner Phone:	Not reported
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported
Method of Collection:	Not reported
District:	Not reported
Tank ID:	4
Capacity:	4000
Tank Status:	Currently In Use
Substance:	Gasoline
Install Date:	05/07/1970
Remove Date:	Not reported
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Name:	EASTSIDE OIL CO INC
Address:	11001 HERN ST
City,State,Zip:	DETROIT 48213-3462
Facility Type:	ACTIVE
Facility ID:	00013119
Owner Name:	OWNER ADDRESS UNKNOWN
Owner Address:	NOT RECORDED
Owner City:	NOT RECORDED
Owner State:	XX
Owner Zip:	99999
Owner Contact:	Not reported
Owner Phone:	Not reported
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported
Method of Collection:	Not reported
District:	Not reported

EASTSIDE OIL CO INC (Continued) **U004181455**

Tank ID:	3
Capacity:	4000
Tank Status:	Currently In Use
Substance:	Diesel
Install Date:	05/07/1970
Remove Date:	Not reported
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Name:	EASTSIDE OIL CO INC
Address:	11001 HERN ST
City,State,Zip:	DETROIT 48213-3462
Facility Type:	ACTIVE
Facility ID:	00013119
Owner Name:	OWNER ADDRESS UNKNOWN
Owner Address:	NOT RECORDED
Owner City:	NOT RECORDED
Owner State:	XX
Owner Zip:	99999
Owner Contact:	Not reported
Owner Phone:	Not reported
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported
Method of Collection:	Not reported
District:	Not reported
Tank ID:	2
Capacity:	20000
Tank Status:	Currently In Use
Substance:	Gasoline
Install Date:	05/07/1968
Remove Date:	Not reported
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	Not reported
Longitude:	Not reported

EASTSIDE OIL CO INC (Continued) **U004181455**

Name:	EASTSIDE OIL CO INC
Address:	11001 HERN ST
City,State,Zip:	DETROIT 48213-3462
Facility Type:	ACTIVE
Facility ID:	00013119
Owner Name:	OWNER ADDRESS UNKNOWN
Owner Address:	NOT RECORDED
Owner City:	NOT RECORDED
Owner State:	XX
Owner Zip:	99999
Owner Contact:	Not reported
Owner Phone:	Not reported
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported
Method of Collection:	Not reported
District:	Not reported
Tank ID:	1
Capacity:	20000
Tank Status:	Currently In Use
Substance:	Gasoline
Install Date:	05/07/1968
Remove Date:	Not reported
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	Not reported
Longitude:	Not reported

UST 2:

Name:	EASTSIDE OIL CO INC
Address:	11001 HERN ST
City,State,Zip:	DETROIT, MI 48213-3462
Region:	Not reported
Owner Name:	OWNER ADDRESS UNKNOWN
Owner Address:	Not Recorded
Owner City:	Not reported
Owner State:	Not reported
Owner Zip:	99999
Owner Phone:	Not reported
Record ID:	UTK-001806-15
Facility Status:	Not reported
Tank ID:	Not reported
Tank Status:	Currently In Use
Tank Capacity:	Not reported
Tank Content:	Not reported

EASTSIDE OIL CO INC (Continued) **U004181455**

Install Date: 01/01/1900
Removal Date: 01/01/1900
Tank Release Detect: Not reported
Pipe Release Detect: Not reported
Tank Piping Material: Not reported
Tank Constr. Material: Not reported

Name: EASTSIDE OIL CO INC
Address: 11001 HERN ST
City,State,Zip: DETROIT, MI 48213-3462
Region: Not reported
Owner Name: OWNER ADDRESS UNKNOWN
Owner Address: Not Recorded
Owner City: Not reported
Owner State: Not reported
Owner Zip: 99999
Owner Phone: Not reported
Record ID: UTK-005236-15
Facility Status: Not reported
Tank ID: Not reported
Tank Status: Currently In Use
Tank Capacity: Not reported
Tank Content: Not reported
Install Date: 01/01/1900
Removal Date: 01/01/1900
Tank Release Detect: Not reported
Pipe Release Detect: Not reported
Tank Piping Material: Not reported
Tank Constr. Material: Not reported

Name: EASTSIDE OIL CO INC
Address: 11001 HERN ST
City,State,Zip: DETROIT, MI 48213-3462
Region: Not reported
Owner Name: OWNER ADDRESS UNKNOWN
Owner Address: Not Recorded
Owner City: Not reported
Owner State: Not reported
Owner Zip: 99999
Owner Phone: Not reported
Record ID: UTK-014528-15
Facility Status: Not reported
Tank ID: Not reported
Tank Status: Currently In Use
Tank Capacity: Not reported
Tank Content: Not reported
Install Date: 01/01/1900
Removal Date: 01/01/1900
Tank Release Detect: Not reported
Pipe Release Detect: Not reported
Tank Piping Material: Not reported
Tank Constr. Material: Not reported

Name: EASTSIDE OIL CO INC
Address: 11001 HERN ST
City,State,Zip: DETROIT, MI 48213-3462
Region: Not reported

EASTSIDE OIL CO INC (Continued) **U004181455**

Owner Name: OWNER ADDRESS UNKNOWN
Owner Address: Not Recorded
Owner City: Not reported
Owner State: Not reported
Owner Zip: 99999
Owner Phone: Not reported
Record ID: UTK-094737-15
Facility Status: Not reported
Tank ID: Not reported
Tank Status: Currently In Use
Tank Capacity: Not reported
Tank Content: Not reported
Install Date: 01/01/1900
Removal Date: 01/01/1900
Tank Release Detect: Not reported
Pipe Release Detect: Not reported
Tank Piping Material: Not reported
Tank Constr. Material: Not reported

Name: EASTSIDE OIL CO INC
Address: 11001 HERN ST
City,State,Zip: DETROIT, MI 48213-3462
Region: Not reported
Owner Name: OWNER ADDRESS UNKNOWN
Owner Address: Not Recorded
Owner City: Not reported
Owner State: Not reported
Owner Zip: 99999
Owner Phone: Not reported
Record ID: UTK-094743-15
Facility Status: Not reported
Tank ID: Not reported
Tank Status: Currently In Use
Tank Capacity: Not reported
Tank Content: Not reported
Install Date: 01/01/1900
Removal Date: 01/01/1900
Tank Release Detect: Not reported
Pipe Release Detect: Not reported
Tank Piping Material: Not reported
Tank Constr. Material: Not reported

Name: EASTSIDE OIL CO INC
Address: 11001 HERN ST
City,State,Zip: DETROIT, MI 48213-3462
Region: 1
Owner Name: OWNER ADDRESS UNKNOWN
Owner Address: Not Recorded
Owner City: Not Recorded
Owner State: XX
Owner Zip: 99999
Owner Phone: Not reported
Record ID: UTK-014528-15
Facility Status: Active - Expired
Tank ID: 1
Tank Status: Currently In Use
Tank Capacity: 20000

EASTSIDE OIL CO INC (Continued) **U004181455**

Tank Content: Gasoline
Install Date: 05/07/1968
Removal Date: Not reported
Tank Release Detect: Not reported
Pipe Release Detect: Not reported
Tank Piping Material: Galvanized Steel
Tank Constr. Material: Asphalt Coated or Bare Steel

Name: EASTSIDE OIL CO INC
Address: 11001 HERN ST
City,State,Zip: DETROIT, MI 48213-3462
Region: 1
Owner Name: OWNER ADDRESS UNKNOWN
Owner Address: Not Recorded
Owner City: Not Recorded
Owner State: XX
Owner Zip: 99999
Owner Phone: Not reported
Record ID: UTK-094737-15
Facility Status: Active - Expired
Tank ID: 2
Tank Status: Currently In Use
Tank Capacity: 20000
Tank Content: Gasoline
Install Date: 05/07/1968
Removal Date: Not reported
Tank Release Detect: Not reported
Pipe Release Detect: Not reported
Tank Piping Material: Galvanized Steel
Tank Constr. Material: Asphalt Coated or Bare Steel

Name: EASTSIDE OIL CO INC
Address: 11001 HERN ST
City,State,Zip: DETROIT, MI 48213-3462
Region: 1
Owner Name: OWNER ADDRESS UNKNOWN
Owner Address: Not Recorded
Owner City: Not Recorded
Owner State: XX
Owner Zip: 99999
Owner Phone: Not reported
Record ID: UTK-001806-15
Facility Status: Active - Expired
Tank ID: 5
Tank Status: Currently In Use
Tank Capacity: 2000
Tank Content: Gasoline
Install Date: 05/08/1967
Removal Date: Not reported
Tank Release Detect: Not reported
Pipe Release Detect: Not reported
Tank Piping Material: Galvanized Steel
Tank Constr. Material: Asphalt Coated or Bare Steel

Name: EASTSIDE OIL CO INC
Address: 11001 HERN ST
City,State,Zip: DETROIT, MI 48213-3462

EASTSIDE OIL CO INC (Continued) **U004181455**

Region: 1
Owner Name: OWNER ADDRESS UNKNOWN
Owner Address: Not Recorded
Owner City: Not Recorded
Owner State: XX
Owner Zip: 99999
Owner Phone: Not reported
Record ID: UTK-094743-15
Facility Status: Active - Expired
Tank ID: 3
Tank Status: Currently In Use
Tank Capacity: 4000
Tank Content: Diesel
Install Date: 05/07/1970
Removal Date: Not reported
Tank Release Detect: Not reported
Pipe Release Detect: Not reported
Tank Piping Material: Galvanized Steel
Tank Constr. Material: Asphalt Coated or Bare Steel

Name: EASTSIDE OIL CO INC
Address: 11001 HERN ST
City,State,Zip: DETROIT, MI 48213-3462
Region: 1
Owner Name: OWNER ADDRESS UNKNOWN
Owner Address: Not Recorded
Owner City: Not Recorded
Owner State: XX
Owner Zip: 99999
Owner Phone: Not reported
Record ID: UTK-005236-15
Facility Status: Active - Expired
Tank ID: 4
Tank Status: Currently In Use
Tank Capacity: 4000
Tank Content: Gasoline
Install Date: 05/07/1970
Removal Date: Not reported
Tank Release Detect: Not reported
Pipe Release Detect: Not reported
Tank Piping Material: Galvanized Steel
Tank Constr. Material: Asphalt Coated or Bare Steel

F30 **11001 HERN STREET** **MI INVENTORY** **S118621996**
NW **11001 HERN ST** **N/A**
< 1/8 **DETROIT, MI 48213**
0.123 mi.
649 ft. **Site 2 of 3 in cluster F**

Relative: **Lower**
Actual: **602 ft.**

INVENTORY:
Name: 11001 HERN STREET
Address: 11001 HERN ST
City,State,Zip: DETROIT, MI 48213
Township: Detroit
District: Warren
Data Source: Risks Not Determined
Lust Name: Not reported
Regulatory Program: 201

11001 HERN STREET (Continued) **S118621996**

Release Status:	Not reported
Project Manager:	Tiernan, Gerald
Latitude:	42.395828
Longitude:	-82.9859313

F31 **ROSEMARY DILLON/VITO ROBINO** **MI AST** **A100206369**
NW **11001 HERN ST** **N/A**
< 1/8 **DETROIT, MI 48213**
0.123 mi.
649 ft. **Site 3 of 3 in cluster F**

Relative: AST:
Lower

Actual:
602 ft.

Name:	ROSEMARY DILLON/VITO ROBINO
Address:	11001 HERN ST
City:	DETROIT
Zip:	48213-3462
Facility ID:	91082036
Owner Name:	ROSEMARY DILLON/VITO ROBINO
Owner Address:	20912 HARPER
Owner City,St,Zip:	ST CLAIR SHORES, MI 48079
District:	1
Date of Collection:	01/11/2001
Accuracy:	100 FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Description Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
Horizontal Datum:	NAD83
Latitude:	42.3929800
Longitude:	-82.992446

Tank Id:	ATK-089865-15
Tank Status:	Pipe Disconnected
Capacity (in gallons):	10000
Installation Date:	10/19/1992
Substance Stored:	Other
Removed/Closed Date:	10/29/1993

Tank Id:	ATK-089864-15
Tank Status:	Pipe Disconnected
Capacity (in gallons):	20000
Installation Date:	10/19/1992
Substance Stored:	Other
Removed/Closed Date:	10/29/1993

Tank Id:	ATK-010959-15
Tank Status:	Pipe Disconnected
Capacity (in gallons):	20000
Installation Date:	10/19/1992
Substance Stored:	Other
Removed/Closed Date:	10/29/1993

32 **MET-L-AID INC** **RCRA NonGen / NLR** **1000139011**
NNE **5808 ST JEAN** **ICIS** **MID005348263**
< 1/8 **DETROIT, MI 48213** **US AIRS**
0.123 mi. **FINDS**
650 ft. **ECHO**

Relative: **Lower**
Actual: **603 ft.**

RCRA Listings:

Date Form Received by Agency:	20011231
Handler Name:	Met-L-Aid Inc
Handler Address:	5808 SAINT JEAN ST
Handler City,State,Zip:	DETROIT, MI 48213
EPA ID:	MID005348263
Contact Name:	GEORGE TAZZIA
Contact Address:	5808 SAINT JEAN ST
Contact City,State,Zip:	DETROIT, MI 48213
Contact Telephone:	313-923-2222
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	05
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	5808 SAINT JEAN ST
Mailing City,State,Zip:	DETROIT, MI 48213
Owner Name:	No Active O/Op As Not Generating Waste
Owner Type:	Private
Operator Name:	No Active O/Op As Not Generating Waste
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

MET-L-AID INC (Continued) **1000139011**

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

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

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

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

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

MET-L-AID INC (Continued) **1000139011**

Owner/Operator Email: Not reported

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

Historic Generators:
Receive Date: 20011231
Handler Name: MET-L-AID INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19801007
Handler Name: MET-L-AID INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 11131
NAICS Description: ORANGE GROVES

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

Evaluation Action Summary:
Evaluations: No Evaluations Found

ICIS:
Enforcement Action ID: MI000A0000261630075200009
FRS ID: 110001841632

MET-L-AID INC (Continued) **1000139011**

Action Name:	MET-L-AID INC 261630075200009
Facility Name:	MET-L-AID INC
Facility Address:	5808 ST JEAN DETROIT, MI 48213
Enforcement Action Type:	Administrative Order
Facility County:	WAYNE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3479
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	42.395526
Longitude in Decimal Degrees:	-82.989486
Permit Type Desc:	Not reported
Program System Acronym:	MI00000000000B5225
Facility NAICS Code:	332812
Tribal Land Code:	Not reported

Enforcement Action ID:	MI000A0000261630075200008
FRS ID:	110001841632
Action Name:	MET-L-AID INC 261630075200008
Facility Name:	MET-L-AID INC
Facility Address:	5808 ST JEAN DETROIT, MI 48213
Enforcement Action Type:	Notice of Violation
Facility County:	WAYNE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	3479
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	42.395526
Longitude in Decimal Degrees:	-82.989486
Permit Type Desc:	Not reported
Program System Acronym:	MI00000000000B5225
Facility NAICS Code:	332812
Tribal Land Code:	Not reported

US AIRS MINOR:

Envid:	1000139011
Region Code:	05
Programmatic ID:	AIR MI00000000000B5225
Facility Registry ID:	110001841632
D and B Number:	Not reported
Primary SIC Code:	3479
NAICS Code:	332812
Default Air Classification Code:	MIN
Facility Type of Ownership Code:	POF
Air CMS Category Code:	Not reported
HPV Status:	Not reported

US AIRS MINOR:

Region Code:	05
Programmatic ID:	AIR MI00000000000B5225
Facility Registry ID:	110001841632
Air Operating Status Code:	OPR

MET-L-AID INC (Continued) **1000139011**

Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1986-07-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Information Request
Activity Status: Not reported

Region Code: 05
Programmatic ID: AIR MI00000000000B5225
Facility Registry ID: 110001841632
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1990-09-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Information Request
Activity Status: Not reported

Region Code: 05
Programmatic ID: AIR MI00000000000B5225
Facility Registry ID: 110001841632
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1987-06-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 05
Programmatic ID: AIR MI00000000000B5225
Facility Registry ID: 110001841632
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1988-02-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 05
Programmatic ID: AIR MI00000000000B5225
Facility Registry ID: 110001841632
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1989-09-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 05

MET-L-AID INC (Continued) **1000139011**

Programmatic ID: AIR MI00000000000B5225
Facility Registry ID: 110001841632
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1990-06-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 05
Programmatic ID: AIR MI00000000000B5225
Facility Registry ID: 110001841632
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1991-06-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 05
Programmatic ID: AIR MI00000000000B5225
Facility Registry ID: 110001841632
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1992-02-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 05
Programmatic ID: AIR MI00000000000B5225
Facility Registry ID: 110001841632
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1992-11-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 05
Programmatic ID: AIR MI00000000000B5225
Facility Registry ID: 110001841632
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1994-01-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

MET-L-AID INC (Continued) **1000139011**

Activity Status: Not reported

Region Code: 05
Programmatic ID: AIR MI00000000000B5225
Facility Registry ID: 110001841632
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1995-03-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 05
Programmatic ID: AIR MI00000000000B5225
Facility Registry ID: 110001841632
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1987-10-29 00:00:00
Activity Status Date: 1987-10-29 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 05
Programmatic ID: AIR MI00000000000B5225
Facility Registry ID: 110001841632
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1987-08-07 00:00:00
Activity Status Date: 1987-08-07 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

FINDS:
Registry ID: 110001841632

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.
RCRAInfo is a national information system that supports the Resource

MET-L-AID INC (Continued) **1000139011**

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.
AIR MINOR

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

ECHO:

Envid:	1000139011
Registry ID:	110001841632
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110001841632
Name:	MET-L-AID INC
Address:	5808 ST JEAN
City,State,Zip:	DETROIT, MI 48213

E33 **ATLAS WHOLESALE FOOD CO** **RCRA NonGen / NLR** **1000157821**
SE **5100 SAINT JEAN ST** **FINDS** **MID049264369**
1/8-1/4 **DETROIT, MI 48213** **ECHO**
0.141 mi.
744 ft. **Site 5 of 5 in cluster E**

Relative: **Lower**

Actual: **600 ft.**

RCRA Listings:

Date Form Received by Agency:	19980917
Handler Name:	Atlas Wholesale Food Co
Handler Address:	5100 SAINT JEAN ST
Handler City,State,Zip:	DETROIT, MI 48213
EPA ID:	MID049264369
Contact Name:	PETE KOTSIS
Contact Address:	5100 SAINT JEAN ST
Contact City,State,Zip:	DETROIT, MI 48213
Contact Telephone:	313-921-1251
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	05
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	5100 SAINT JEAN ST
Mailing City,State,Zip:	DETROIT, MI 48213
Owner Name:	Kotsis Pete
Owner Type:	Private
Operator Name:	Name Not Reported
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No

ATLAS WHOLESALE FOOD CO (Continued) **1000157821**

Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110303
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

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

Owner/Operator Indicator:	Operator
Owner/Operator Name: NAME NOT REPORTED	
Legal Status:	Private

ATLAS WHOLESALE FOOD CO (Continued) **1000157821**

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

Historic Generators:

Receive Date:	19980917
Handler Name: ATLAS WHOLESALE FOOD CO	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	19881013
Handler Name: ATLAS WHOLESALE FOOD CO	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

ATLAS WHOLESALE FOOD CO (Continued) **1000157821**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 11131
NAICS Description: ORANGE GROVES

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

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110003595574

Click Here for FRS Facility Detail Report:

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

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

ECHO:
Envid: 1000157821
Registry ID: 110003595574
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110003595574
Name: ATLAS WHOLESALE FOOD CO
Address: 5100 SAINT JEAN ST
City,State,Zip: DETROIT, MI 48213

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34 **BW&T REAL ESTATE DEV. ASSOC.** **MI UST** **U003324364**
ENE **11511 SHOEMAKER ST** **N/A**
1/8-1/4 **DETROIT, MI 48213**
0.143 mi.
756 ft.

Relative: **Lower**
Actual: **602 ft.**

UST:
Name: BW&T REAL ESTATE DEV. ASSOC.
Address: 11511 SHOEMAKER ST
City,State,Zip: DETROIT 48213-3418
Facility Type: CLOSED
Facility ID: 00019323
Owner Name: BW&T REAL ESTATE DEV. ASSOC.
Owner Address: 27780 NOVI RD STE 108
Owner City: NOVI
Owner State: MI
Owner Zip: 48377-3427
Owner Contact: Not reported
Owner Phone: 3133471188

BW&T REAL ESTATE DEV. ASSOC. (Continued) **U003324364**

Contact:	HUGH EDMONDS
Contact Phone:	(734) 523-1174
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:	8000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	04/17/1973
Remove Date:	10/01/1988
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.39127
Longitude:	-82.98528

G35 **ST JEAN BRUSH BURNER** **MI HIST LF** **S100889167**
North **5865 SAINT JEAN ST** **N/A**
1/8-1/4 **DETROIT, MI 48213**
0.149 mi.
785 ft. **Site 1 of 3 in cluster G**

Relative: **Lower**

Actual: **603 ft.**

Historical LF:

Facility ID:	82000072
Status:	INACTIVE
Contact:	Not reported
Facility Phone:	Not reported
Facility Fax:	Not reported
Facility Type:	Not reported
Facility Email:	Not reported
Facility is Open:	Not reported
Facility Type:	Incinerator
Facility Contact:	JOHN CLINT
County Code:	82
Facility Number:	000072
Staff:	Not reported
Active:	No
Permit Date:	Not reported
Permit Number:	Not reported
License Date:	/ /
License No:	Not reported
No Waste:	Not reported
Enforcement:	Not reported
Exp Letters:	Not reported
Operator Name:	Not reported
Operator Contact:	Not reported

ST JEAN BRUSH BURNER (Continued) **S100889167**

Operator Address:	Not reported
Operator City,St,Zip:	Not reported
Operator Telephone:	Not reported
Operator Fax:	Not reported
Operator Email:	Not reported
Owner Name:	WAYNE COUNTY COMMUNITY COLLEGE
Owner Contact:	Not reported
Attention:	MR.JOHN CLINTON
Owner Address:	801 WEST FORT
Owner City,St,Zip:	DETROIT, MI 48226
Owner Telephone:	Not reported
Owner Fax:	Not reported
Owner Email:	Not reported
District:	S.E. Michigan
Section:	Not reported
Permit Applicant:	CITY OF DETROIT DPW -
Permit Applicant Contact:	MR.JOHN CLINTON
Permit Applicant Address:	12255 SOUTHFIELD
Permit Applicant City,St,Zip:	DETROIT, MI 48228
Permit Applicant Phone:	Not reported
Application Type:	Government
Liner Information:	Not reported
Nature of Wastes Allowed:	Not reported
Township:	Not reported
Section Number:	Not reported
Township Section:	Not reported
District:	Not reported
Business Type:	Not reported
County Description:	Not reported
County 2 Description:	Not reported
Liner Type:	Not reported
Reported Date:	Not reported
Amount:	0.00
Financial Instrument:	Not reported
Fund Type:	Not reported
Issued Date:	Not reported
Expires:	Not reported
Expiry:	Not reported
Licensed:	Not reported
Comments:	Not reported
Date of Expiry of Current License:	Not reported
Acreage Currently Licensed:	0.000
Acres Certified Closed:	0.000
Issue of 1st Construction Permit Date:	Not reported
Acres Given in 1st Construction Permit:	0.000
Issue of 2nd Construction Permit Date:	Not reported
Acres Given in 2nd Construction Permit:	0.000
Issue of 3rd Construction Permit Date:	Not reported
Acres Given in 3rd Construction Permit:	0.000
Restrictive Deed Covenant Filed:	Not reported
Perpetual Care Fund Type:	Not reported
Perpetual Care Fund Signed:	Not reported
Perpetual Care Fund Agreement Signed:	Not reported
Groundwater Monitoring System Exists:	Not reported
Date landill Certified Closed:	Not reported
Received Waste on or After Oct. 9, 1991:	Not reported
Site Monitorable Under Definition of New Rules:	Not reported

G36 **ST. JEAN BRUSH BURNER** **MI HIST LF** **S104235596**
North **5865 ST. JEAN** **N/A**
1/8-1/4 **DETROIT, MI 48213**
0.149 mi.
785 ft. **Site 2 of 3 in cluster G**

Relative: Historical LF:
Lower

Actual:
603 ft.

Facility ID:	82-000072
Status:	INACTIVE
Contact:	Not reported
Facility Phone:	Not reported
Facility Fax:	Not reported
Facility Type:	Not reported
Facility Email:	Not reported
Facility is Open:	Not reported
Facility Type:	Not reported
Facility Contact:	Not reported
County Code:	Not reported
Facility Number:	Not reported
Staff:	Not reported
Active:	Not reported
Permit Date:	Not reported
Permit Number:	Not reported
License Date:	Not reported
License No:	Not reported
No Waste:	Not reported
Enforcement:	Not reported
Exp Letters:	Not reported
Operator Name:	Not reported
Operator Contact:	Not reported
Operator Address:	Not reported
Operator City,St,Zip:	Not reported
Operator Telephone:	Not reported
Operator Fax:	Not reported
Operator Email:	Not reported
Owner Name:	City of Detroit, DPW
Owner Contact:	Not reported
Attention:	Not reported
Owner Address:	5800 Russell Street
Owner City,St,Zip:	Detroit, MI 48211
Owner Telephone:	3138760049
Owner Fax:	Not reported
Owner Email:	Not reported
District:	Not reported
Section:	Not reported
Permit Applicant:	Not reported
Permit Applicant Contact:	Not reported
Permit Applicant Address:	Not reported
Permit Applicant City,St,Zip:	Not reported
Permit Applicant Phone:	Not reported
Application Type:	Not reported
Liner Information:	Not reported
Nature of Wastes Allowed:	Not reported
Township:	Not reported
Section Number:	Not reported
Township Section:	Not reported
District:	Not reported
Business Type:	Not reported
County Description:	Not reported

ST. JEAN BRUSH BURNER (Continued) **S104235596**

County 2 Description:	Not reported
Liner Type:	Not reported
Reported Date:	Not reported
Amount:	Not reported
Financial Instrument:	Not reported
Fund Type:	Not reported
Issued Date:	Not reported
Expires:	Not reported
Expiry:	Not reported
Licensed:	Not reported
Comments:	Not reported
Date of Expiry of Current License:	Not reported
Acreage Currently Licensed:	Not reported
Acres Certified Closed:	Not reported
Issue of 1st Construction Permit Date:	Not reported
Acres Given in 1st Construction Permit:	Not reported
Issue of 2nd Construction Permit Date:	Not reported
Acres Given in 2nd Construction Permit:	Not reported
Issue of 3rd Construction Permit Date:	Not reported
Acres Given in 3rd Construction Permit:	Not reported
Restrictive Deed Covenant Filed:	Not reported
Perpetual Care Fund Type:	Not reported
Perpetual Care Fund Signed:	Not reported
Perpetual Care Fund Agreement Signed:	Not reported
Groundwater Monitoring System Exists:	Not reported
Date landill Certified Closed:	Not reported
Received Waste on or After Oct. 9, 1991:	Not reported
Site Monitorable Under Definition of New Rules:	Not reported

Facility ID:	82-000072
Status:	INACTIVE
Contact:	Not reported
Facility Phone:	Not reported
Facility Fax:	Not reported
Facility Type:	Not reported
Facility Email:	Not reported
Facility is Open:	Not reported
Facility Type:	Not reported
Facility Contact:	Not reported
County Code:	Not reported
Facility Number:	Not reported
Staff:	Not reported
Active:	Not reported
Permit Date:	Not reported
Permit Number:	Not reported
License Date:	/ /
License No:	Not reported
No Waste:	Not reported
Enforcement:	Not reported
Exp Letters:	Not reported
Operator Name:	Not reported
Operator Contact:	Joyce Jackson
Operator Address:	Not reported
Operator City,St,Zip:	Not reported
Operator Telephone:	Not reported
Operator Fax:	Not reported
Operator Email:	Not reported

ST. JEAN BRUSH BURNER (Continued) **S104235596**

Owner Name:	City of Detroit, DPW
Owner Contact:	Not reported
Attention:	Not reported
Owner Address:	5800 Russell Street
Owner City,St,Zip:	Detroit, MI 48211
Owner Telephone:	3138760049
Owner Fax:	Not reported
Owner Email:	Not reported
District:	Not reported
Section:	Not reported
Permit Applicant:	Not reported
Permit Applicant Contact:	Not reported
Permit Applicant Address:	Not reported
Permit Applicant City,St,Zip:	Not reported
Permit Applicant Phone:	Not reported
Application Type:	Not reported
Liner Information:	Not reported
Nature of Wastes Allowed:	Not reported
Township:	Not reported
Section Number:	Not reported
Township Section:	Not reported
District:	Not reported
Business Type:	Not reported
County Description:	Not reported
County 2 Description:	Not reported
Liner Type:	Not reported
Reported Date:	Not reported
Amount:	Not reported
Financial Instrument:	Not reported
Fund Type:	Not reported
Issued Date:	Not reported
Expires:	Not reported
Expiry:	Not reported
Licensed:	Not reported
Comments:	Not reported

Date of Expiry of Current License:	Not reported
Acreage Currently Licensed:	Not reported
Acres Certified Closed:	Not reported
Issue of 1st Construction Permit Date:	Not reported
Acres Given in 1st Construction Permit:	Not reported
Issue of 2nd Construction Permit Date:	Not reported
Acres Given in 2nd Construction Permit:	Not reported
Issue of 3rd Construction Permit Date:	Not reported
Acres Given in 3rd Construction Permit:	Not reported
Restrictive Deed Covenant Filed:	Not reported
Perpetual Care Fund Type:	Not reported
Perpetual Care Fund Signed:	Not reported
Perpetual Care Fund Agreement Signed:	Not reported
Groundwater Monitoring System Exists:	Not reported
Date landill Certified Closed:	Not reported
Received Waste on or After Oct. 9, 1991:	Not reported
Site Monitorable Under Definition of New Rules:	Not reported

Facility ID:	82-000072
Status:	INACTIVE
Contact:	Not reported
Facility Phone:	Not reported

ST. JEAN BRUSH BURNER (Continued) **S104235596**

Facility Fax:	Not reported
Facility Type:	Not reported
Facility Email:	Not reported
Facility is Open:	Not reported
Facility Type:	Not reported
Facility Contact:	Not reported
County Code:	Not reported
Facility Number:	Not reported
Staff:	Not reported
Active:	Not reported
Permit Date:	Not reported
Permit Number:	Not reported
License Date:	/ /
License No:	Not reported
No Waste:	Not reported
Enforcement:	Not reported
Exp Letters:	Not reported
Operator Name:	Not reported
Operator Contact:	Not reported
Operator Address:	Not reported
Operator City,St,Zip:	Not reported
Operator Telephone:	Not reported
Operator Fax:	Not reported
Operator Email:	Not reported
Owner Name:	City of Detroit, DPW
Owner Contact:	Not reported
Attention:	Not reported
Owner Address:	5800 Russell Street
Owner City,St,Zip:	Detroit, MI 48211
Owner Telephone:	(313) 876-0049
Owner Fax:	Not reported
Owner Email:	Not reported
District:	Not reported
Section:	Not reported
Permit Applicant:	Not reported
Permit Applicant Contact:	Not reported
Permit Applicant Address:	Not reported
Permit Applicant City,St,Zip:	Not reported
Permit Applicant Phone:	Not reported
Application Type:	Not reported
Liner Information:	Not reported
Nature of Wastes Allowed:	Not reported
Township:	Not reported
Section Number:	Not reported
Township Section:	Not reported
District:	Not reported
Business Type:	Not reported
County Description:	Not reported
County 2 Description:	Not reported
Liner Type:	Not reported
Reported Date:	Not reported
Amount:	Not reported
Financial Instrument:	Not reported
Fund Type:	Not reported
Issued Date:	Not reported
Expires:	Not reported
Expiry:	Not reported

ST. JEAN BRUSH BURNER (Continued) **S104235596**

Licensed:	Not reported
Comments:	Not reported
Date of Expiry of Current License:	Not reported
Acreage Currently Licensed:	Not reported
Acres Certified Closed:	Not reported
Issue of 1st Construction Permit Date:	Not reported
Acres Given in 1st Construction Permit:	Not reported
Issue of 2nd Construction Permit Date:	Not reported
Acres Given in 2nd Construction Permit:	Not reported
Issue of 3rd Construction Permit Date:	Not reported
Acres Given in 3rd Construction Permit:	Not reported
Restrictive Deed Covenant Filed:	Not reported
Perpetual Care Fund Type:	Not reported
Perpetual Care Fund Signed:	Not reported
Perpetual Care Fund Agreement Signed:	Not reported
Groundwater Monitoring System Exists:	Not reported
Date landill Certified Closed:	Not reported
Received Waste on or After Oct. 9, 1991:	Not reported
Site Monitorable Under Definition of New Rules:	Not reported

Facility ID:	82-000072
Status:	INACTIVE
Contact:	Not reported
Facility Phone:	Not reported
Facility Fax:	Not reported
Facility Type:	Not reported
Facility Email:	Not reported
Facility is Open:	Not reported
Facility Type:	Not reported
Facility Contact:	Not reported
County Code:	Not reported
Facility Number:	Not reported
Staff:	Not reported
Active:	Not reported
Permit Date:	Not reported
Permit Number:	Not reported
License Date:	/ /
License No:	Not reported
No Waste:	Not reported
Enforcement:	Not reported
Exp Letters:	Not reported
Operator Name:	Not reported
Operator Contact:	Not reported
Operator Address:	Not reported
Operator City,St,Zip:	Not reported
Operator Telephone:	Not reported
Operator Fax:	Not reported
Operator Email:	Not reported
Owner Name:	City of Detroit, DPW
Owner Contact:	Not reported
Attention:	Not reported
Owner Address:	5800 Russell Street
Owner City,St,Zip:	Detroit, MI 48211
Owner Telephone:	3138760049
Owner Fax:	Not reported
Owner Email:	Not reported
District:	Not reported

ST. JEAN BRUSH BURNER (Continued) **S104235596**

Section:	Not reported
Permit Applicant:	Not reported
Permit Applicant Contact:	Not reported
Permit Applicant Address:	Not reported
Permit Applicant City,St,Zip:	Not reported
Permit Applicant Phone:	Not reported
Application Type:	Not reported
Liner Information:	Not reported
Nature of Wastes Allowed:	Not reported
Township:	Not reported
Section Number:	Not reported
Township Section:	Not reported
District:	Not reported
Business Type:	Not reported
County Description:	Not reported
County 2 Description:	Not reported
Liner Type:	Not reported
Reported Date:	Not reported
Amount:	Not reported
Financial Instrument:	Not reported
Fund Type:	Not reported
Issued Date:	Not reported
Expires:	Not reported
Expiry:	Not reported
Licensed:	Not reported
Comments:	Not reported
Date of Expiry of Current License:	Not reported
Acreage Currently Licensed:	Not reported
Acres Certified Closed:	Not reported
Issue of 1st Construction Permit Date:	Not reported
Acres Given in 1st Construction Permit:	Not reported
Issue of 2nd Construction Permit Date:	Not reported
Acres Given in 2nd Construction Permit:	Not reported
Issue of 3rd Construction Permit Date:	Not reported
Acres Given in 3rd Construction Permit:	Not reported
Restrictive Deed Covenant Filed:	Not reported
Perpetual Care Fund Type:	Not reported
Perpetual Care Fund Signed:	Not reported
Perpetual Care Fund Agreement Signed:	Not reported
Groundwater Monitoring System Exists:	Not reported
Date landill Certified Closed:	Not reported
Received Waste on or After Oct. 9, 1991:	Not reported
Site Monitorable Under Definition of New Rules:	Not reported

Facility ID:	82-000072
Status:	INACTIVE
Contact:	Not reported
Facility Phone:	Not reported
Facility Fax:	Not reported
Facility Type:	Not reported
Facility Email:	Not reported
Facility is Open:	Not reported
Facility Type:	Not reported
Facility Contact:	Not reported
County Code:	Not reported
Facility Number:	Not reported
Staff:	Not reported

ST. JEAN BRUSH BURNER (Continued) **S104235596**

Active:	Not reported
Permit Date:	Not reported
Permit Number:	Not reported
License Date:	/ /
License No:	Not reported
No Waste:	Not reported
Enforcement:	Not reported
Exp Letters:	Not reported
Operator Name:	Not reported
Operator Contact:	Joyce Jackson
Operator Address:	Not reported
Operator City,St,Zip:	Not reported
Operator Telephone:	Not reported
Operator Fax:	Not reported
Operator Email:	Not reported
Owner Name:	City of Detroit, DPW
Owner Contact:	Not reported
Attention:	Not reported
Owner Address:	5800 Russell Street
Owner City,St,Zip:	Detroit, MI 48211
Owner Telephone:	3138760049
Owner Fax:	Not reported
Owner Email:	Not reported
District:	Not reported
Section:	Not reported
Permit Applicant:	Not reported
Permit Applicant Contact:	Not reported
Permit Applicant Address:	Not reported
Permit Applicant City,St,Zip:	Not reported
Permit Applicant Phone:	Not reported
Application Type:	Not reported
Liner Information:	Not reported
Nature of Wastes Allowed:	Not reported
Township:	Not reported
Section Number:	Not reported
Township Section:	Not reported
District:	Not reported
Business Type:	Not reported
County Description:	Not reported
County 2 Description:	Not reported
Liner Type:	Not reported
Reported Date:	Not reported
Amount:	Not reported
Financial Instrument:	Not reported
Fund Type:	Not reported
Issued Date:	Not reported
Expires:	Not reported
Expiry:	Not reported
Licensed:	Not reported
Comments:	Not reported
Date of Expiry of Current License:	Not reported
Acreage Currently Licensed:	Not reported
Acres Certified Closed:	Not reported
Issue of 1st Construction Permit Date:	Not reported
Acres Given in 1st Construction Permit:	Not reported
Issue of 2nd Construction Permit Date:	Not reported
Acres Given in 2nd Construction Permit:	Not reported

ST. JEAN BRUSH BURNER (Continued) **S104235596**

Issue of 3rd Construction Permit Date:	Not reported
Acres Given in 3rd Construction Permit:	Not reported
Restrictive Deed Covenant Filed:	Not reported
Perpetual Care Fund Type:	Not reported
Perpetual Care Fund Signed:	Not reported
Perpetual Care Fund Agreement Signed:	Not reported
Groundwater Monitoring System Exists:	Not reported
Date landill Certified Closed:	Not reported
Received Waste on or After Oct. 9, 1991:	Not reported
Site Monitorable Under Definition of New Rules:	Not reported

G37 **ST JEAN INCINERATOR** **MI HIST LF** **S100889168**
North **5865 SAINT JEAN ST** **N/A**
1/8-1/4 **DETROIT, MI 48213**
0.149 mi.
785 ft. **Site 3 of 3 in cluster G**

Relative: Historical LF:
Lower

Actual: Facility ID:	82000073
603 ft. Status:	INACTIVE
Contact:	Not reported
Facility Phone:	Not reported
Facility Fax:	Not reported
Facility Type:	Not reported
Facility Email:	Not reported
Facility is Open:	Not reported
Facility Type:	Incinerator
Facility Contact:	Not reported
County Code:	82
Facility Number:	000073
Staff:	Not reported
Active:	No
Permit Date:	Not reported
Permit Number:	Not reported
License Date:	/ /
License No:	Not reported
No Waste:	Not reported
Enforcement:	Not reported
Exp Letters:	Not reported
Operator Name:	Not reported
Operator Contact:	Not reported
Operator Address:	Not reported
Operator City,St,Zip:	Not reported
Operator Telephone:	Not reported
Operator Fax:	Not reported
Operator Email:	Not reported
Owner Name:	CITY OF DETROIT
Owner Contact:	Not reported
Attention:	Not reported
Owner Address:	513 CITY COUNTY BLDG
Owner City,St,Zip:	DETROIT, MI 48226
Owner Telephone:	Not reported
Owner Fax:	Not reported
Owner Email:	Not reported
District:	S.E. Michigan
Section:	Not reported
Permit Applicant:	CITY OF DETROIT
Permit Applicant Contact:	JOSEPH GARRITY

ST JEAN INCINERATOR (Continued) **S100889168**

Permit Applicant Address:	1550 ERSKINE
Permit Applicant City,St,Zip:	DETROIT, MI 48207
Permit Applicant Phone:	Not reported
Application Type:	Government
Liner Information:	Not reported
Nature of Wastes Allowed:	Not reported
Township:	Not reported
Section Number:	Not reported
Township Section:	Not reported
District:	Not reported
Business Type:	Not reported
County Description:	Not reported
County 2 Description:	Not reported
Liner Type:	Not reported
Reported Date:	Not reported
Amount:	0.00
Financial Instrument:	Not reported
Fund Type:	Not reported
Issued Date:	Not reported
Expires:	Not reported
Expiry:	Not reported
Licensed:	Not reported
Comments:	Not reported
Date of Expiry of Current License:	Not reported
Acreage Currently Licensed:	0.000
Acres Certified Closed:	0.000
Issue of 1st Construction Permit Date:	Not reported
Acres Given in 1st Construction Permit:	0.000
Issue of 2nd Construction Permit Date:	Not reported
Acres Given in 2nd Construction Permit:	0.000
Issue of 3rd Construction Permit Date:	Not reported
Acres Given in 3rd Construction Permit:	0.000
Restrictive Deed Covenant Filed:	Not reported
Perpetual Care Fund Type:	Not reported
Perpetual Care Fund Signed:	Not reported
Perpetual Care Fund Agreement Signed:	Not reported
Groundwater Monitoring System Exists:	Not reported
Date landill Certified Closed:	Not reported
Received Waste on or After Oct. 9, 1991:	Not reported
Site Monitorable Under Definition of New Rules:	Not reported

38
SE
1/8-1/4
0.171 mi.
901 ft.

5066 ST. JEAN STREET
5066 ST. JEAN STREET
DETROIT, MI 48213

MI INVENTORY **S125156475**
MI BEA **N/A**

Relative:
Lower

Actual:
600 ft.

INVENTORY:

Name:	5066 ST. JEAN STREET
Address:	5066 ST. JEAN STREET
City,State,Zip:	DETROIT, MI 48213
Township:	Not reported
District:	Warren
Data Source:	Risks Not Determined
Lust Name:	Not reported
Regulatory Program:	201
Release Status:	Not reported
Project Manager:	Molnar, Eric

5066 ST. JEAN STREET (Continued) **S125156475**

Latitude: 42.38877113
Longitude: -82.98383071

BEA:

Name:	5066 ST. JEAN STREET
Address:	5066 ST. JEAN STREET
City,State,Zip:	DETROIT, MI 48213
Secondary Address:	Not reported
BEA Number:	Not reported
District:	Not reported
Date Received:	06/03/2019
Submitter Name:	Not reported
Petition Determination:	Not reported
Petition Disclosure:	Not reported
Category:	Not reported
Determination 20107A:	Not reported
Reviewer:	Not reported
Division Assigned:	Not reported
Location ID:	82007004
Submittal Type:	Baseline Environmental Assessment
Submittal Number:	82007004-BEA-1
Approval Status:	RRD Received
Workflow Status:	Submitted
Date Submitted:	2019-06-21 09:45:45
Date Completed:	5/3/2019
Township:	Not reported
Work Unit:	Warren
Comments:	Not reported
Organization:	Detroit Brownfield Redevelopment Authority
Contact:	Hairston-Bridges, Kenyetta
Contact Type:	Prospective Owner
Organization Street Address:	Not reported
Organization City:	Not reported
Organization State:	Not reported
Organization Zip Code:	Not reported
Organization County:	Not reported
Contact Street Address:	Not reported
Contact City:	Not reported
Contact Zip Code:	Not reported
Contact State:	Not reported

39
SSW
1/8-1/4
0.180 mi.
949 ft.

HUTCHINSON ELEMENTARY SCHOOL **RCRA NonGen / NLR** **1000465577**
5221 MONTCLAIR ST **MID985602168**
DETROIT, MI 48213

Relative:
Higher

Actual:
605 ft.

RCRA Listings:

Date Form Received by Agency:	20011231
Handler Name:	Hutchinson Elementary School
Handler Address:	5221 MONTCLAIR ST
Handler City,State,Zip:	DETROIT, MI 48213
EPA ID:	MID985602168
Contact Name:	JUANITA CHAMBERS
Contact Address:	5221 MONTCLAIR ST
Contact City,State,Zip:	DETROIT, MI 48213
Contact Telephone:	313-494-1613

HUTCHINSON ELEMENTARY SCHOOL (Continued) **1000465577**

Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	05
Land Type:	District
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	5057 WOODWARD AVE
Mailing City,State,Zip:	DETROIT, MI 48202
Owner Name:	Detroit Public Schools
Owner Type:	District
Operator Name:	Detroit Public Schools
Operator Type:	District
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110303
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported

HUTCHINSON ELEMENTARY SCHOOL (Continued) **1000465577**

Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: DETROIT PUBLIC SCHOOLS	
Legal Status:	District
Date Became Current:	19700101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: DETROIT PUBLIC SCHOOLS	
Legal Status:	District
Date Became Current:	19700101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: DETROIT PUBLIC SCHOOLS	
Legal Status:	District
Date Became Current:	19700101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: DETROIT PUBLIC SCHOOLS	
Legal Status:	District
Date Became Current:	19700101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

HUTCHINSON ELEMENTARY SCHOOL (Continued) **1000465577**

Historic Generators:

Receive Date:	19901218
Handler Name:	HUTCHINSON ELEMENTARY SCHOOL
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20011231
Handler Name:	HUTCHINSON ELEMENTARY SCHOOL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	11131
NAICS Description:	ORANGE GROVES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

---

40 North 1/8-1/4 0.194 mi. 1026 ft.

Relative: Lower

Actual: 592 ft.

MET-L-AID INC **PFAS ECHO** **1027387521** **N/A**

DETROIT, MI

PFAS ECHO:

Name:	MET-L-AID INC
Address:	Not reported
City,State,Zip:	DETROIT, MI
Latitude:	42.395526
Longitude:	-82.989486
Count:	1
County:	WAYNE
Status:	Active
Region:	05
Industry:	Metal Coating
ECHO Facility Report:	https://echo.epa.gov/detailed-facility-report?fid=110001841632

MET-L-AID INC (Continued) **1027387521**

Facility Percent Minority:	92.83
Facility Derived Tribes:	-
Facility Population:	4579.64
EPA Programs:	CAA; RCRA
Federal Facility:	No
Federal Agency:	-
Facility FIPS Code:	26163
Facility Indian Country Flag:	N
Facility Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Facility Derived HUC:	04090002
Facility Derived WBD:	040900020200
Facility Derived CD113:	13
Facility Derived CB2010:	261635055001063
Facility Major Flag:	-
Facility Active Flag:	Y
Facility Inspection Count:	0
Facility Date Last Inspection:	-
Facility Days Last Inspection:	-
Facility Informal Count:	0
Facility Date Last Informal Action:	8/7/1987
Facility Formal Action Count:	0
Facility Date Last Formal Action:	10/29/1987
Facility Total Penalties:	0
Facility Penalty Count:	-
Facility Date Last Penalty:	10/29/1987
Facility Last Penalty AMT:	1,800
Facility QTRS With NC:	0
Facility Programs With SNC:	0
Facility Compliance Status:	No Violation Identified
Facility SNC Flag:	N
AIR Flag:	Y
NPDES Flag:	N
SDWIS Flag:	N
RCRA Flag:	Y
TRI Flag:	N
GHG Flag:	N
AIR IDS:	MI00000000000B5225
CAA Permit Types:	Minor Emissions
CAA NAICS:	332812
CAA SICS:	3479
NPDES IDS:	-
CWA Permit Types:	-
CWA NAICS:	-
CWA SICS:	-
RCRA IDS:	MID005348263
RCRA Permit Types:	Other
RCRA NAICS:	11131
SDWA IDS:	-
SDWA System Types:	-
SDWA Compliance Status:	-
SDWA SNC Flag:	N
TRI IDS:	-
TRI Releases Transfers:	-
TRI On Site Releases:	-
TRI Off Site Transfers:	-
TRI Reporter:	-
Facility IMP Water Flag:	-

MET-L-AID INC (Continued) **1027387521**

EJSCREEN Flag US: Y
EJSCREEN Report: https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-82.989486,%22y%22:42.395526,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1

H41 **SAMARITAN CENTER** **MI AIRS S105768292**
ENE **5555 CONNER STREET** **MI BEA N/A**
1/8-1/4 **DETROIT, MI 48213**
0.213 mi.
1122 ft. **Site 1 of 6 in cluster H**

Relative: **Higher**
Actual: **605 ft.**

AIRS:

Name:	SAMARITAN CENTER
Address:	5555 CONNER STREET
City,State,Zip:	DETROIT, MI 48213
State Registration Number:	N1036
Naics Code:	Not reported
Contact Email:	Not reported
Contact Name:	JOSEPH JONES
Contact Phone:	Not reported
Contact Address:	(same as site address)
Contact City,St,Zip:	Not reported
Permit Number:	C-6558
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

SAMARITAN CENTER (Continued) **S105768292**

Reporting Year: Not reported
Date Record Was Created: Not reported

BEA:
Name: Not reported
Address: 5555 CONNER AVE. AND 11457 SCHOEMAKER
City,State,Zip: DETROIT, MI 48213
Secondary Address: Not reported
BEA Number: 1309
District: Southeast MI
Date Received: 03/02/2001
Submitter Name: Samaritan
Petition Determination: Affirmed
Petition Disclosure: 1
Category: D
Determination 20107A: No Request
Reviewer: novake
Division Assigned: ERD
Location ID: Not reported
Submittal Type: Not reported
Submittal Number: Not reported
Approval Status: Not reported
Workflow Status: Not reported
Date Submitted: Not reported
Date Completed: Not reported
Township: Not reported
Work Unit: Not reported
Comments: Not reported
Organization: Not reported
Contact: Not reported
Contact Type: Not reported
Organization Street Address: Not reported
Organization City: Not reported
Organization State: Not reported
Organization Zip Code: Not reported
Organization County: Not reported
Contact Street Address: Not reported
Contact City: Not reported
Contact Zip Code: Not reported
Contact State: Not reported

H42 **SAMARITAN MANOR** **RCRA-VSQG** **1014924614**
ENE **5555 CONNER ST** **MIK207865926**
1/8-1/4 **DETROIT, MI 48213**
0.213 mi.
1122 ft. **Site 2 of 6 in cluster H**

Relative:
Higher

Actual:
605 ft.

RCRA Listings:
Date Form Received by Agency: 20110418
Handler Name: Samaritan Manor
Handler Address: 5555 CONNER ST
Handler City,State,Zip: DETROIT, MI 48213
EPA ID: MIK207865926
Contact Name: SEAN KELLY
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: 586-242-7522

SAMARITAN MANOR (Continued) **1014924614**

Contact Fax:	Not reported
Contact Email:	SEAN.KELLY@WASTE365.COM
Contact Title:	Not reported
EPA Region:	05
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	5555 CONNER ST
Mailing City,State,Zip:	DETROIT, MI 48213
Owner Name:	Samaritan Manor
Owner Type:	Private
Operator Name:	Samaritan Manor
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20111227
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported

SAMARITAN MANOR (Continued) **1014924614**

Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: SAMARITAN MANOR
Legal Status: Private
Date Became Current: 20110401
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SAMARITAN MANOR
Legal Status: Private
Date Became Current: 20110401
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20110418
Handler Name: SAMARITAN MANOR
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 72211
NAICS Description: FULL-SERVICE RESTAURANTS

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

Evaluation Action Summary:

SAMARITAN MANOR (Continued) **1014924614**

Evaluations: No Evaluations Found

H43 **SAMARITAN CENTER INC** **MI UST** **U003325711**
ENE **5555 CONNER ST** **N/A**
1/8-1/4 **DETROIT, MI 48213**
0.213 mi.
1122 ft. **Site 3 of 6 in cluster H**

Relative: UST:
Higher

Actual: Name: SAMARITAN CENTER INC
605 ft. Address: 5555 CONNER ST
City,State,Zip: DETROIT 48213-3448
Facility Type: ACTIVE
Facility ID: 00035730
Owner Name: SAMARITAN CENTER
Owner Address: 5555 CONNER AVE
Owner City: DETROIT
Owner State: MI
Owner Zip: 48213
Owner Contact: Not reported
Owner Phone: 3135794402
Contact: Michael Alm
Contact Phone: (313) 579-4402
Date of Collection: 10/08/2005
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off
District: Region 1 - SE Michigan District Office
Tank ID: 3
Capacity: 6000
Tank Status: Currently In Use
Substance: Other(FUEL/OIL)
Install Date: 10/01/1998
Remove Date: Not reported
Tank Number: Not reported
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Not reported
Piping Type: Not reported
Tank Construction: Not reported
Impressed Device: Not reported
Latitude: 42.38990
Longitude: -82.98270

Name: SAMARITAN CENTER INC
Address: 5555 CONNER ST
City,State,Zip: DETROIT 48213-3448
Facility Type: ACTIVE
Facility ID: 00035730
Owner Name: SAMARITAN CENTER
Owner Address: 5555 CONNER AVE
Owner City: DETROIT

SAMARITAN CENTER INC (Continued) **U003325711**

Owner State:	MI
Owner Zip:	48213
Owner Contact:	Not reported
Owner Phone:	3135794402
Contact:	Michael Alm
Contact Phone:	(313) 579-4402
Date of Collection:	10/08/2005
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	GPS Code Meas. Standard Positioning Service SA Off
District:	Region 1 - SE Michigan District Office
Tank ID:	2
Capacity:	6000
Tank Status:	Currently In Use
Substance:	Other(FUEL/OIL)
Install Date:	10/01/1998
Remove Date:	Not reported
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.38990
Longitude:	-82.98270

Name:	SAMARITAN CENTER INC
Address:	5555 CONNER ST
City,State,Zip:	DETROIT 48213-3448
Facility Type:	ACTIVE
Facility ID:	00035730
Owner Name:	SAMARITAN CENTER
Owner Address:	5555 CONNER AVE
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48213
Owner Contact:	Not reported
Owner Phone:	3135794402
Contact:	Michael Alm
Contact Phone:	(313) 579-4402
Date of Collection:	10/08/2005
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	GPS Code Meas. Standard Positioning Service SA Off
District:	Region 1 - SE Michigan District Office
Tank ID:	1
Capacity:	10000

SAMARITAN CENTER INC (Continued) **U003325711**

Tank Status:	Removed from Ground
Substance:	Diesel
Install Date:	01/01/1984
Remove Date:	09/01/1999
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.38990
Longitude:	-82.98270

I44 **WCCC EASTERN CAMPUS** **MI UST** **U003321120**
NNE **5901 CONNER ST** **N/A**
1/8-1/4 **DETROIT, MI 48213**
0.215 mi.
1136 ft. **Site 1 of 3 in cluster I**

Relative: UST:
Higher

Actual:
604 ft.

Name:	WCCC EASTERN CAMPUS
Address:	5901 CONNER ST
City,State,Zip:	DETROIT 48213-3457
Facility Type:	CLOSED
Facility ID:	00007548
Owner Name:	WAYNE COUNTY COMMUNITY COLLEGE DISTRICT
Owner Address:	801 W FORT ST
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48226-3010
Owner Contact:	Not reported
Owner Phone:	3134962561
Contact:	BILL MONTIE
Contact Phone:	(313) 496-2520
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:	550
Tank Status:	Removed from Ground
Substance:	Used Oil
Install Date:	03/18/1982
Remove Date:	06/01/1995
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported

WCCC EASTERN CAMPUS (Continued) **U003321120**

Impressed Device:	Not reported
Latitude:	42.39477
Longitude:	-82.98682
Name:	WCCC EASTERN CAMPUS
Address:	5901 CONNER ST
City,State,Zip:	DETROIT 48213-3457
Facility Type:	CLOSED
Facility ID:	00007548
Owner Name:	WAYNE COUNTY COMMUNITY COLLEGE DISTRICT
Owner Address:	801 W FORT ST
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48226-3010
Owner Contact:	Not reported
Owner Phone:	3134962561
Contact:	BILL MONTIE
Contact Phone:	(313) 496-2520
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:	Kerosene
Install Date:	03/18/1982
Remove Date:	06/01/1995
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.39477
Longitude:	-82.98682
Name:	WCCC EASTERN CAMPUS
Address:	5901 CONNER ST
City,State,Zip:	DETROIT 48213-3457
Facility Type:	CLOSED
Facility ID:	00007548
Owner Name:	WAYNE COUNTY COMMUNITY COLLEGE DISTRICT
Owner Address:	801 W FORT ST
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48226-3010
Owner Contact:	Not reported
Owner Phone:	3134962561
Contact:	BILL MONTIE

WCCC EASTERN CAMPUS (Continued) **U003321120**

Contact Phone:	(313) 496-2520
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:	550
Tank Status:	Removed from Ground
Substance:	Kerosene
Install Date:	03/18/1982
Remove Date:	06/01/1995
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.39477
Longitude:	-82.98682

Name:	WCCC EASTERN CAMPUS
Address:	5901 CONNER ST
City,State,Zip:	DETROIT 48213-3457
Facility Type:	CLOSED
Facility ID:	00007548
Owner Name:	WAYNE COUNTY COMMUNITY COLLEGE DISTRICT
Owner Address:	801 W FORT ST
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48226-3010
Owner Contact:	Not reported
Owner Phone:	3134962561
Contact:	BILL MONTIE
Contact Phone:	(313) 496-2520
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:	550
Tank Status:	Removed from Ground
Substance:	Diesel
Install Date:	03/18/1982
Remove Date:	06/01/1995
Tank Number:	Not reported

WCCC EASTERN CAMPUS (Continued) **U003321120**

Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.39477
Longitude:	-82.98682

Name:	WCCC EASTERN CAMPUS
Address:	5901 CONNER ST
City,State,Zip:	DETROIT 48213-3457
Facility Type:	CLOSED
Facility ID:	00007548
Owner Name:	WAYNE COUNTY COMMUNITY COLLEGE DISTRICT
Owner Address:	801 W FORT ST
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48226-3010
Owner Contact:	Not reported
Owner Phone:	3134962561
Contact:	BILL MONTIE
Contact Phone:	(313) 496-2520
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:	250
Tank Status:	Removed from Ground
Substance:	Diesel
Install Date:	03/18/1982
Remove Date:	06/01/1995
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.39477
Longitude:	-82.98682

Name:	WCCC EASTERN CAMPUS
Address:	5901 CONNER ST
City,State,Zip:	DETROIT 48213-3457
Facility Type:	CLOSED
Facility ID:	00007548
Owner Name:	WAYNE COUNTY COMMUNITY COLLEGE DISTRICT
Owner Address:	801 W FORT ST

WCCC EASTERN CAMPUS (Continued) **U003321120**

Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48226-3010
Owner Contact:	Not reported
Owner Phone:	3134962561
Contact:	BILL MONTIE
Contact Phone:	(313) 496-2520
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(FUEL OIL)
Install Date:	03/18/1982
Remove Date:	06/01/1995
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.39477
Longitude:	-82.98682

I45 **WOODWARD DETROIT CVS LLC** **RCRA-VSQG** **1018157213**
NNE **5901 CONNER ST, SUITE A** **MIK145167119**
1/8-1/4 **DETROIT, MI 48213**
0.215 mi.
1136 ft. **Site 2 of 3 in cluster I**

Relative:
Higher

Actual:
604 ft.

RCRA Listings:

Date Form Received by Agency:	20150702
Handler Name:	Woodward Detroit Cvs Llc
Handler Address:	5901 CONNER ST, SUITE A
Handler City,State,Zip:	DETROIT, MI 48213
EPA ID:	MIK145167119
Contact Name:	WENDY L BRANT
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	401-770-7457
Contact Fax:	401-216-0138
Contact Email:	WENDY.BRANT@CVSCAREMARK.COM
Contact Title:	Not reported
EPA Region:	05
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported

WOODWARD DETROIT CVS LLC (Continued) **1018157213**

Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	ONE CVS DR
Mailing City,State,Zip:	NORTH SMITHFIELD, RI 02896
Owner Name:	Woodward Detroit Cvs Llc
Owner Type:	Private
Operator Name:	Woodward Detroit Cvs Llc
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150707
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

WOODWARD DETROIT CVS LLC (Continued) **1018157213**

Owner/Operator Indicator: Operator
Owner/Operator Name: WOODWARD DETROIT CVS LLC
Legal Status: Private
Date Became Current: 20010901
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: WOODWARD DETROIT CVS LLC
Legal Status: Private
Date Became Current: 20010901
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20150702
Handler Name: WOODWARD DETROIT CVS LLC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 44611
NAICS Description: PHARMACIES AND DRUG STORES

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

Evaluation Action Summary:
Evaluations: No Evaluations Found

I46 **WAYNE COUNTY COMMUNITY COLLEGE** **RCRA-VSQG** **1000311380**
NNE **5901 CONNER ST** **FINDS** **MID981801459**
1/8-1/4 **DETROIT, MI 48213** **ECHO**
0.215 mi.
1136 ft. **Site 3 of 3 in cluster I**

Relative:
Higher

Actual:
604 ft.

RCRA Listings:

Date Form Received by Agency:	20040809
Handler Name:	Wayne County Community College
Handler Address:	5901 CONNER ST
Handler City,State,Zip:	DETROIT, MI 48213
EPA ID:	MID981801459
Contact Name:	MIKE CONSTANTI
Contact Address:	5901 CONNER ST
Contact City,State,Zip:	DETROIT, MI 48213
Contact Telephone:	313-496-2520
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	05
Land Type:	County
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	801 W FORT ST
Mailing City,State,Zip:	DETROIT, MI 48226
Owner Name:	Wayne County Community College
Owner Type:	County
Operator Name:	Wayne County Community College
Operator Type:	County
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

WAYNE COUNTY COMMUNITY COLLEGE (Continued) **1000311380**

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

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WAYNE COUNTY COMMUNITY COLLEGE
Legal Status:	County
Date Became Current:	19870212
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WAYNE COUNTY COMMUNITY COLLEGE
Legal Status:	County
Date Became Current:	19870212
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WAYNE COUNTY COMMUNITY COLLEGE
Legal Status:	County
Date Became Current:	19870212
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

WAYNE COUNTY COMMUNITY COLLEGE (Continued) **1000311380**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WAYNE COUNTY COMMUNITY COLLEGE
Legal Status:	County
Date Became Current:	19870212
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WAYNE COUNTY COMMUNITY COLLEGE
Legal Status:	County
Date Became Current:	19870212
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WAYNE COUNTY COMMUNITY COLLEGE
Legal Status:	County
Date Became Current:	19870212
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WAYNE COUNTY COMMUNITY COLLEGE
Legal Status:	County
Date Became Current:	19870212
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WAYNE COUNTY COMMUNITY COLLEGE
Legal Status:	County
Date Became Current:	19870212
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported

WAYNE COUNTY COMMUNITY COLLEGE (Continued) **1000311380**

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

Owner/Operator Indicator: Operator
Owner/Operator Name: WAYNE COUNTY COMMUNITY COLLEGE
Legal Status: County
Date Became Current: 19870212
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: WAYNE COUNTY COMMUNITY COLLEGE
Legal Status: County
Date Became Current: 19870212
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20040809
Handler Name: WAYNE COUNTY COMMUNITY COLLEGE
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19870212
Handler Name: WAYNE COUNTY COMMUNITY COLLEGE
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20011231

WAYNE COUNTY COMMUNITY COLLEGE (Continued) **1000311380**

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

Receive Date: 20020830
Handler Name: WAYNE COUNTY COMMUNITY COLLEGE
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

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

List of NAICS Codes and Descriptions:
NAICS Code: 61121
NAICS Description: JUNIOR COLLEGES

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

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110012611619

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource

WAYNE COUNTY COMMUNITY COLLEGE (Continued) **1000311380**

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

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

ECHO:

Envid:	1000311380
Registry ID:	110012611619
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110012611619
Name:	WAYNE COUNTY COMMUNITY COLLEGE
Address:	5901 CONNER ST
City,State,Zip:	DETROIT, MI 48213

---

47 **METRO OIL CO** **MI UST** **U004295397**
WSW **10700 SHOEMAKER ST** **N/A**
1/8-1/4 **DETROIT, MI 48213**
0.221 mi.
1168 ft.

Relative: **Higher**

Actual: **605 ft.**

UST:

Name:	METRO OIL CO
Address:	10700 SHOEMAKER ST
City,State,Zip:	DETROIT 48213-3446
Facility Type:	CLOSED
Facility ID:	50002631
Owner Name:	METRO OIL CO
Owner Address:	% LENORD REFINERIES INC E SUPERIOR ST
Owner City:	ALMA
Owner State:	MI
Owner Zip:	48825
Owner Contact:	Not reported
Owner Phone:	Not reported
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported
Method of Collection:	Not reported
District:	Not reported
Tank ID:	4
Capacity:	Not reported
Tank Status:	Non-Registered Tank
Substance:	Other(UNK)
Install Date:	Not reported
Remove Date:	Not reported
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported

METRO OIL CO (Continued) **U004295397**

Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Name:	METRO OIL CO
Address:	10700 SHOEMAKER ST
City,State,Zip:	DETROIT 48213-3446
Facility Type:	CLOSED
Facility ID:	50002631
Owner Name:	METRO OIL CO
Owner Address:	% LENORD REFINERIES INC E SUPERIOR ST
Owner City:	ALMA
Owner State:	MI
Owner Zip:	48825
Owner Contact:	Not reported
Owner Phone:	Not reported
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported
Method of Collection:	Not reported
District:	Not reported
Tank ID:	3
Capacity:	Not reported
Tank Status:	Non-Registered Tank
Substance:	Other(UNK)
Install Date:	Not reported
Remove Date:	Not reported
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Name:	METRO OIL CO
Address:	10700 SHOEMAKER ST
City,State,Zip:	DETROIT 48213-3446
Facility Type:	CLOSED
Facility ID:	50002631
Owner Name:	METRO OIL CO
Owner Address:	% LENORD REFINERIES INC E SUPERIOR ST
Owner City:	ALMA
Owner State:	MI
Owner Zip:	48825
Owner Contact:	Not reported

METRO OIL CO (Continued) **U004295397**

Owner Phone:	Not reported
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported
Method of Collection:	Not reported
District:	Not reported
Tank ID:	2
Capacity:	Not reported
Tank Status:	Non-Registered Tank
Substance:	Other(UNK)
Install Date:	Not reported
Remove Date:	Not reported
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Name:	METRO OIL CO
Address:	10700 SHOEMAKER ST
City,State,Zip:	DETROIT 48213-3446
Facility Type:	CLOSED
Facility ID:	50002631
Owner Name:	METRO OIL CO
Owner Address:	% LENORD REFINERIES INC E SUPERIOR ST
Owner City:	ALMA
Owner State:	MI
Owner Zip:	48825
Owner Contact:	Not reported
Owner Phone:	Not reported
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported
Method of Collection:	Not reported
District:	Not reported
Tank ID:	1
Capacity:	Not reported
Tank Status:	Non-Registered Tank
Substance:	Other(UNK)
Install Date:	Not reported

METRO OIL CO (Continued) **U004295397**

Remove Date:	Not reported
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	Not reported
Longitude:	Not reported

J48 **3827-4711 ST JEAN STREET AND 11232-11256 E.WARREN** **MI INVENTORY** **S128267113**
SE **3827-4711 ST. JEAN STREET, 11232-11256 E.WARREN AVENUE** **MI BEA** **N/A**
1/8-1/4 **DETROIT, MI 48214**
0.225 mi.
1187 ft. **Site 1 of 3 in cluster J**

Relative:
Lower

Actual:
600 ft.

INVENTORY:

Name:	3827-4711 ST JEAN STREET AND 11232-11256 E.WARREN AVE
Address:	3827-4711 ST. JEAN STREET, 11232-11256 E.WARREN AVENUE
City,State,Zip:	DETROIT, MI 48214
Township:	Not reported
District:	Warren
Data Source:	Risks Present and Immediate
Lust Name:	Not reported
Regulatory Program:	201
Release Status:	Not reported
Project Manager:	Molnar, Eric
Latitude:	42.38756099
Longitude:	-82.98402089

BEA:

Name:	3827-4711 ST JEAN STREET AND 11232-11256 E.WARREN AVE
Address:	3827-4711 ST. JEAN STREET, 11232-11256 E.WARREN AVENUE
City,State,Zip:	DETROIT, MI 48214
Secondary Address:	Not reported
BEA Number:	Not reported
District:	Not reported
Date Received:	11/14/2019
Submitter Name:	Not reported
Petition Determination:	Not reported
Petition Disclosure:	Not reported
Category:	Not reported
Determination 20107A:	Not reported
Reviewer:	Not reported
Division Assigned:	Not reported
Location ID:	82008417
Submittal Type:	BEA
Submittal Number:	82008417-BEA-1
Approval Status:	RRD Received
Workflow Status:	Submitted
Date Submitted:	2019-11-15 13:13:50
Date Completed:	00:00.0
Township:	Not reported
Work Unit:	Warren
Comments:	Not reported

3827-4711 ST JEAN STREET AND 11232-11256 E.WARREN AVE (Continued) **S128267113**

Organization:	FCA US LLC
Contact:	Not reported
Contact Type:	Operator
Organization Street Address:	Not reported
Organization City:	Not reported
Organization State:	Not reported
Organization Zip Code:	Not reported
Organization County:	Not reported
Contact Street Address:	Not reported
Contact City:	Not reported
Contact Zip Code:	Not reported
Contact State:	Not reported

K49 **CONSOLIDATED RAIL CORP** **RCRA-VSQG** **1007880400**
NW **10900 HARPER AVE** **MIK668348915**
1/8-1/4 **DETROIT, MI 48213**
0.228 mi.
1202 ft. **Site 1 of 3 in cluster K**

Relative: **Higher**

Actual: **604 ft.**

RCRA Listings:

Date Form Received by Agency:	20041108
Handler Name:	Consolidated Rail Corp
Handler Address:	10900 HARPER AVE
Handler City,State,Zip:	DETROIT, MI 48213
EPA ID:	MIK668348915
Contact Name:	TONY BELLAMY
Contact Address:	10900 HARPER AVE
Contact City,State,Zip:	DETROIT, MI 48213
Contact Telephone:	904-359-3691
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	05
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	500 WATER STREET
Mailing City,State,Zip:	JACKSONVILLE, FL 32202
Owner Name:	Csx Transportation Inc
Owner Type:	Private
Operator Name:	Csx Transportation Inc
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No

CONSOLIDATED RAIL CORP (Continued) **1007880400**

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110303
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: CSX TRANSPORTATION INC	
Legal Status:	Private
Date Became Current:	19001101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: CSX TRANSPORTATION INC	
Legal Status:	Private
Date Became Current:	19001101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported

CONSOLIDATED RAIL CORP (Continued) **1007880400**

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

Owner/Operator Indicator: Operator
Owner/Operator Name: CSX TRANSPORTATION INC
Legal Status: Private
Date Became Current: 19001101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CSX TRANSPORTATION INC
Legal Status: Private
Date Became Current: 19001101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19800101
Handler Name: CONSOLIDATED RAIL CORP
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20041108
Handler Name: CONSOLIDATED RAIL CORP
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

CONSOLIDATED RAIL CORP (Continued) **1007880400**

NAICS Code: 48211
NAICS Description: RAIL TRANSPORTATION

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

Evaluation Action Summary:
Evaluations: No Evaluations Found

K50 **PVS CHEMICALS INC** **MI LUST** **U000266679**
NW **10900 HARPER AVE** **MI UST** **N/A**
1/8-1/4 **DETROIT, MI 48213** **MI ASBESTOS**
0.228 mi. **MI WDS**
1202 ft. **Site 2 of 3 in cluster K**

Relative:
Higher

Actual:
604 ft.

LUST:

Name:	PVS CHEMICALS INC
Address:	10900 HARPER AVE
City,State,Zip:	DETROIT, MI 48213
Facility ID:	6711
Source:	Not reported
Owner Name:	Sietsema, Chad
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Owner Contact:	Not reported
Owner Phone:	616-550-1352
Country:	Not reported
District:	Detroit
Site Name:	Pvs Chemicals Inc.
Latitude:	42.39524
Longitude:	-82.99534
Date of Collection:	Not reported
Method of Collection:	The geographic coordinate determination method based on address matching-house number.
Accuracy:	100
Accuracy Value Unit:	Not reported
Horizontal Data:	North American Datum of 1983
Point Line Area:	Not reported
Desc Category:	Not reported
Regulatory Program:	Not reported
Risk Condition:	Not reported
Project Manager:	Not reported
Senate District:	Not reported
House District:	Not reported
US Congressional District:	Not reported
Leak Number:	22359
Release Date:	10/04/1993
Substance Released:	Not reported
Release Status:	Closed
Release Closed Date:	04/26/1995
Leak Number:	C-1217-93
Release Date:	10/04/1993
Substance Released:	Gasoline
Release Status:	Closed

PVS CHEMICALS INC (Continued) **U000266679**

Release Closed Date: 04/26/1995

UST:

Name:	PVS CHEMICALS INC
Address:	10900 HARPER AVE
City,State,Zip:	DETROIT 48213-3364
Facility Type:	CLOSED
Facility ID:	00006711
Owner Name:	PVS CHEMICALS
Owner Address:	10900 HARPER AVE
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48213-3364
Owner Contact:	Not reported
Owner Phone:	3139211200
Contact:	MARY B SHANK
Contact Phone:	(313) 921-1200
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Region 1 - SE Michigan District Office
Tank ID:	3
Capacity:	2000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	02/25/1976
Remove Date:	09/07/1994
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.39524
Longitude:	-82.99534

Name:	PVS CHEMICALS INC
Address:	10900 HARPER AVE
City,State,Zip:	DETROIT 48213-3364
Facility Type:	CLOSED
Facility ID:	00006711
Owner Name:	PVS CHEMICALS
Owner Address:	10900 HARPER AVE
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48213-3364
Owner Contact:	Not reported
Owner Phone:	3139211200
Contact:	MARY B SHANK
Contact Phone:	(313) 921-1200
Date of Collection:	01/11/2001

PVS CHEMICALS INC (Continued) **U000266679**

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:	3000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	02/25/1980
Remove Date:	10/17/1994
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.39524
Longitude:	-82.99534

Name:	PVS CHEMICALS INC
Address:	10900 HARPER AVE
City,State,Zip:	DETROIT 48213-3364
Facility Type:	CLOSED
Facility ID:	00006711
Owner Name:	PVS CHEMICALS
Owner Address:	10900 HARPER AVE
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48213-3364
Owner Contact:	Not reported
Owner Phone:	3139211200
Contact:	MARY B SHANK
Contact Phone:	(313) 921-1200
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:	Gasoline
Install Date:	Not reported
Remove Date:	03/22/1990
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported

PVS CHEMICALS INC (Continued) **U000266679**

Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.39524
Longitude:	-82.99534

ASBESTOS:

Notification ID:	162143
Name:	PVS CHEMICALS
Address:	10900 HARPER AVENUE
City,State,Zip:	DETROIT, MI 48213
Contractor Name:	Sloan Environmental Services, Inc.
Project Number:	198-22
Notification Type and Date:	Regular 09/22/2022
Start Date:	10/07/2022
End Date:	10/07/2022
Linear Feet:	30
Square Feet:	Not reported

WDS:

Name:	PVS CHEMICALS INC
Address:	10900 HARPER AVE
City,State,Zip:	DETROIT, MI 48213
Site Id:	MIR000035600
WMD Id:	412712
Site Specific Name:	PVS CHEMICALS INC
Mailing Address:	1 ENERGY PLZ
Mailing City/State/Zip:	48226
Mailing County:	WAYNE

Name:	CONSOLIDATED RAIL CORP
Address:	10900 HARPER AVE
City,State,Zip:	DETROIT, MI 48213
Site Id:	MIK668348915
WMD Id:	437678
Site Specific Name:	CONSOLIDATED RAIL CORP
Mailing Address:	15888 ARCHDALE ST
Mailing City/State/Zip:	48227
Mailing County:	WAYNE

K51 **PVS CHEMICALS INC** **RCRA-VSQG** **1004725218**
NW **10900 HARPER AVE** **MIR000035600**
1/8-1/4 **DETROIT, MI 48213**
0.228 mi.
1202 ft. **Site 3 of 3 in cluster K**

Relative:
Higher

Actual:
604 ft.

RCRA Listings:

Date Form Received by Agency:	20210805
Handler Name:	Pvs Chemicals Inc
Handler Address:	10900 HARPER AVE
Handler City,State,Zip:	DETROIT, MI 48213
EPA ID:	MIR000035600
Contact Name:	SEAN D'ANDREA
Contact Address:	Not reported
Contact City,State,Zip:	Not reported

PVS CHEMICALS INC (Continued) **1004725218**

Contact Telephone:	313-921-1200 x4131
Contact Fax:	313-921-2335
Contact Email:	SDANDREA@PVSCHEMICALS.COM
Contact Title:	Not reported
EPA Region:	05
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	10900 HARPER AVE
Mailing City,State,Zip:	DETROIT, MI 48213
Owner Name:	Pvs Chemicals Inc
Owner Type:	Private
Operator Name:	Pvs Chemicals Inc
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210921
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No

PVS CHEMICALS INC (Continued) **1004725218**

Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: PVS CHEMICALS INC
Legal Status: Private
Date Became Current: 20210805
Date Ended Current: Not reported
Owner/Operator Address: 10900 HARPER AVE
Owner/Operator City,State,Zip: DETROIT, MI 48213-3364
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PVS STEEL SERVICES INC
Legal Status: Private
Date Became Current: 20170510
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: PVS STEEL SERVICES INC
Legal Status: Private
Date Became Current: 20170510
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: PVS CHEMICALS INC
Legal Status: Private
Date Became Current: 20210805
Date Ended Current: Not reported
Owner/Operator Address: 10900 HARPER AVE
Owner/Operator City,State,Zip: DETROIT, MI 48213-3364
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

PVS CHEMICALS INC (Continued) **1004725218**

Historic Generators:

Receive Date:	19981019
Handler Name: PVS STEEL SERVICES INC	
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20210805
Handler Name: PVS CHEMICALS INC	
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	42469
NAICS Description:	OTHER CHEMICAL AND ALLIED PRODUCTS MERCHANT WHOLESALERS
NAICS Code:	484220
NAICS Description:	SPECIALIZED FREIGHT (EXCEPT USED GOODS) TRUCKING, LOCAL

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

52
SSW
1/8-1/4
0.230 mi.
1214 ft.

5220 FRENCH ROAD **MI INVENTORY** **S117977760**
5220 FRENCH ROAD **MI BEA** **N/A**
WAYNE (County), MI 48213

Relative:
Higher

Actual:
605 ft.

INVENTORY:

Name:	5220 FRENCH ROAD
Address:	5220 FRENCH ROAD
City,State,Zip:	MI 48213
Township:	Detroit
District:	Warren
Data Source:	Risks Not Determined
Lust Name:	Not reported
Regulatory Program:	201

5220 FRENCH ROAD (Continued) **S117977760**

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

BEA:
Name: 5220 FRENCH ROAD
Address: 5220 FRENCH ROAD
City,State,Zip: MI 48213
Secondary Address: Not reported
BEA Number: Not reported
District: Not reported
Date Received: 05/29/2015
Submitter Name: Not reported
Petition Determination: Not reported
Petition Disclosure: Not reported
Category: Not reported
Determination 20107A: Not reported
Reviewer: Not reported
Division Assigned: Not reported
Location ID: 82007964
Submittal Type: Baseline Environmental Assessment
Submittal Number: B201506499LV
Approval Status: RRD Received
Workflow Status: Submitted
Date Submitted: 2015-06-01 13:31:21
Date Completed: Not reported
Township: Detroit
Work Unit: Warren
Comments: B2 BEA Number 6499 was submitted on May 29, 2015, by NTH Consultants, Ltd. (NTH) on behalf of the City of Detroit for the former Hutchinson School Property located at 5220 French Road in Detroit. The property is approximately 3.7 acres in size and contains a 2-story unoccupied school building surrounded by landscaped areas, paved sidewalks, and a paved parking lot. No definitive plans for the property were identified in the BEA. NTH presented the findings of its Phase I Environmental Site Ass
Organization: City of Detroit
Contact: NTH Consultants, Ltd.
Contact Type: Submitter Contact
Organization Street Address: Not reported
Organization City: Not reported
Organization State: Not reported
Organization Zip Code: Not reported
Organization County: Not reported
Contact Street Address: Not reported
Contact City: Not reported
Contact Zip Code: Not reported
Contact State: Not reported

H53 **5555 CONNER AVE. AND 11457 SCHOEMAKER** **MI INVENTORY** **S114027876**
ENE **5555 CONNER AVE. AND 11457 SCHOEMAKER** **MI BEA** **N/A**
1/8-1/4 **WAYNE (County), MI 48213**
0.234 mi.
1233 ft. **Site 4 of 6 in cluster H**

Relative:
Higher

Actual:
605 ft.

INVENTORY:

Name:	5555 CONNER AVE. AND 11457 SCHOEMAKER
Address:	5555 CONNER AVE. AND 11457 SCHOEMAKER
City,State,Zip:	MI 48213
Township:	Detroit
District:	Warren
Data Source:	Risks Not Determined
Lust Name:	Not reported
Regulatory Program:	201
Release Status:	Not reported
Project Manager:	Owens, Paul
Latitude:	42.3927
Longitude:	-82.9828

BEA:

Name:	5555 CONNER AVE. AND 11457 SCHOEMAKER
Address:	5555 CONNER AVE. AND 11457 SCHOEMAKER
City,State,Zip:	MI 48213
Secondary Address:	Not reported
BEA Number:	Not reported
District:	Not reported
Date Received:	03/02/2001
Submitter Name:	Not reported
Petition Determination:	Not reported
Petition Disclosure:	Not reported
Category:	Not reported
Determination 20107A:	Not reported
Reviewer:	Not reported
Division Assigned:	Not reported
Location ID:	82007986
Submittal Type:	Baseline Environmental Assessment
Submittal Number:	P200101309LV
Approval Status:	RRD Received
Workflow Status:	Submitted
Date Submitted:	2004-01-31 07:29:04
Date Completed:	Not reported
Township:	Detroit
Work Unit:	Warren
Comments:	Records Manager: Box 115 To Lansing on 5/6/16
Organization:	Samaritan
Contact:	Loren Brown
Contact Type:	Submitter Contact
Organization Street Address:	Not reported
Organization City:	Not reported
Organization State:	Not reported
Organization Zip Code:	Not reported
Organization County:	Not reported
Contact Street Address:	Not reported
Contact City:	Not reported
Contact Zip Code:	Not reported
Contact State:	Not reported

54
West
1/8-1/4
0.234 mi.
1238 ft.

FRENCH MINI MART INC.
5680 FRENCH RD
DETROIT, MI 48213

MI LUST
MI UST
MI Financial Assurance
MI WDS

U003832945
N/A

Relative:
Higher

Actual:
607 ft.

LUST:

Name:	FRENCH GAS & MART INC.
Address:	5680 FRENCH RD
City,State,Zip:	DETROIT, MI 48213
Facility ID:	10491
Source:	Not reported
Owner Name:	& A #5 LLC (Lessee), A
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Owner Contact:	Not reported
Owner Phone:	(313) 477-7700
Country:	Not reported
District:	Detroit
Site Name:	Shell Service Station
Latitude:	42.39177
Longitude:	-82.99516
Date of Collection:	Not reported
Method of Collection:	The geographic coordinate determination method based on address matching-house number.
Accuracy:	100
Accuracy Value Unit:	Not reported
Horizontal Data:	North American Datum of 1983
Point Line Area:	Not reported
Desc Category:	Not reported
Regulatory Program:	Not reported
Risk Condition:	Not reported
Project Manager:	Not reported
Senate District:	Not reported
House District:	Not reported
US Congressional District:	Not reported

Leak Number:	30359
Release Date:	11/17/1999
Substance Released:	Not reported
Release Status:	Closed
Release Closed Date:	03/17/2000

Leak Number:	C-1187-99
Release Date:	11/17/1999
Substance Released:	Unknown
Release Status:	Closed
Release Closed Date:	03/17/2000

UST:

Name:	FRENCH MINI MART INC.
Address:	5680 FRENCH RD
City,State,Zip:	DETROIT 48213-3325
Facility Type:	ACTIVE
Facility ID:	00010491
Owner Name:	Not reported
Owner Address:	5680 FRENCH RD.
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48213

FRENCH MINI MART INC. (Continued) **U003832945**

Owner Contact:	Not reported
Owner Phone:	3133636012
Contact:	Mike Harp
Contact Phone:	(313) 443-1426
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:	11/17/2001
Remove Date:	Not reported
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.39122
Longitude:	-82.99498

Name:	FRENCH MINI MART INC.
Address:	5680 FRENCH RD
City,State,Zip:	DETROIT 48213-3325
Facility Type:	ACTIVE
Facility ID:	00010491
Owner Name:	Not reported
Owner Address:	5680 FRENCH RD.
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48213
Owner Contact:	Not reported
Owner Phone:	3133636012
Contact:	Mike Harp
Contact Phone:	(313) 443-1426
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:	20000
Tank Status:	Currently In Use
Substance:	Gasoline

FRENCH MINI MART INC. (Continued) **U003832945**

Install Date:	11/17/2001
Remove Date:	Not reported
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.39122
Longitude:	-82.99498

Name:	FRENCH MINI MART INC.
Address:	5680 FRENCH RD
City,State,Zip:	DETROIT 48213-3325
Facility Type:	ACTIVE
Facility ID:	00010491
Owner Name:	Not reported
Owner Address:	5680 FRENCH RD.
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48213
Owner Contact:	Not reported
Owner Phone:	3133636012
Contact:	Mike Harp
Contact Phone:	(313) 443-1426
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
Substance:	Gasoline
Install Date:	04/23/1969
Remove Date:	12/03/2001
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.39122
Longitude:	-82.99498

Name:	FRENCH MINI MART INC.
Address:	5680 FRENCH RD
City,State,Zip:	DETROIT 48213-3325
Facility Type:	ACTIVE

FRENCH MINI MART INC. (Continued) **U003832945**

Facility ID:	00010491
Owner Name:	Not reported
Owner Address:	5680 FRENCH RD.
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48213
Owner Contact:	Not reported
Owner Phone:	3133636012
Contact:	Mike Harp
Contact Phone:	(313) 443-1426
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:	8000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	04/23/1969
Remove Date:	12/03/2001
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.39122
Longitude:	-82.99498

Name:	FRENCH MINI MART INC.
Address:	5680 FRENCH RD
City,State,Zip:	DETROIT 48213-3325
Facility Type:	ACTIVE
Facility ID:	00010491
Owner Name:	Not reported
Owner Address:	5680 FRENCH RD.
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48213
Owner Contact:	Not reported
Owner Phone:	3133636012
Contact:	Mike Harp
Contact Phone:	(313) 443-1426
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)

FRENCH MINI MART INC. (Continued) **U003832945**

Method of Collection:	Address Matching-House Number
District:	Region 1 - SE Michigan District Office
Tank ID:	1
Capacity:	8000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	04/23/1969
Remove Date:	12/03/2001
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.39122
Longitude:	-82.99498

FINANCIAL ASSURANCE 3:

Name:	FRENCH GAS & MART INC.
Address:	5680 FRENCH RD
City,State,Zip:	DETROIT, MI 48213-3325
Facility ID:	00010491
Exempt:	No
Expiration Date:	11/07/2024
Bond Rating Tests:	Not reported
Commerical Insurance:	Not reported
Guarantee:	Not reported
Letter of Credit:	Not reported
Risk Retention Group:	Not reported
Self Insurance:	Not reported
State Funds:	CHECKED
Surety Bond:	Not reported
Trust Funds:	Not reported
Year:	2022

WDS:

Name:	EQUILON ENTERPRISES LLC
Address:	5680 FRENCH RD
City,State,Zip:	DETROIT, MI 48213
Site Id:	MIG000041672
WMD Id:	426855
Site Specific Name:	EQUILON ENTERPRISES
Mailing Address:	41500 WARREN RD
Mailing City/State/Zip:	48187
Mailing County:	WAYNE

L55 **SPECIAL TOUCH COLLISION (10949 E. WARREN)** **MI BROWNFIELDS** **S107135807**
South **10949 E WARREN** **N/A**
1/8-1/4 **DETROIT, MI**
0.237 mi.
1252 ft. **Site 1 of 3 in cluster L**

Relative: **Higher**

Actual: **605 ft.**

BROWNFIELDS:

Name:	SPECIAL TOUCH COLLISION (10949 E. WARREN)
Address:	10949 E WARREN
City,State,Zip:	DETROIT, MI
Facility ID:	50002558
Region:	1
Status:	Not reported
Properry Use:	Not reported
BEA:	Not reported
Ernie Id Number:	82001822
X Coordinate:	Not reported
Y Coordinate:	Not reported
Project Name:	Not reported
Date Year Funded:	Not reported
Total Brownfield Incentives:	Not reported
Approved Amount:	Not reported
Grant Award Amount:	Not reported
Loan Award Amount:	Not reported
Waterfront Award Amount:	Not reported
Brownfield Site Assessment:	Not reported
Development Type:	Not reported
Prior Use:	Not reported
Contaminants:	Not reported

L56 **SPECIAL TOUCH COLISION** **MI UST** **U004295357**
South **10949 E WARREN AVE** **N/A**
1/8-1/4 **DETROIT, MI 48214**
0.237 mi.
1252 ft. **Site 2 of 3 in cluster L**

Relative: **Higher**

Actual: **605 ft.**

UST:

Name:	SPECIAL TOUCH COLISION
Address:	10949 E WARREN AVE
City,State,Zip:	DETROIT 48214-1617
Facility Type:	CLOSED
Facility ID:	50002558
Owner Name:	SPECIAL TOUCH COLLISION
Owner Address:	10923 E WARREN AVE
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48214-1617
Owner Contact:	Not reported
Owner Phone:	Not reported
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported
Method of Collection:	Not reported
District:	Not reported

SPECIAL TOUCH COLISION (Continued) **U004295357**

Tank ID:	1
Capacity:	Not reported
Tank Status:	Non-Registered Tank
Substance:	Other(Unkown)
Install Date:	Not reported
Remove Date:	Not reported
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	Not reported
Longitude:	Not reported

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57 **CERTIFIED PLATING INC** **RCRA NonGen / NLR** **1000411598**
SSE **11110 E WARREN AVE** **FINDS** **MID055668446**
1/8-1/4 **DETROIT, MI 48214** **ECHO**
0.239 mi.
1261 ft.

Relative: **Lower**

Actual: **603 ft.**

RCRA Listings:

Date Form Received by Agency:	19980917
Handler Name:	Certified Plating Inc
Handler Address:	11110 E WARREN AVE
Handler City,State,Zip:	DETROIT, MI 48214
EPA ID:	MID055668446
Contact Name:	DAVID LINSDEAU
Contact Address:	11110 E WARREN AVE
Contact City,State,Zip:	DETROIT, MI 48214
Contact Telephone:	313-821-1135
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	05
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 14007
Mailing City,State,Zip:	DETROIT, MI 48214
Owner Name:	H M Skovlund D Linsdeau
Owner Type:	Private
Operator Name:	Name Not Reported
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No

CERTIFIED PLATING INC (Continued) **1000411598**

Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110303
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

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

Owner/Operator Indicator:	Owner
Owner/Operator Name: H M SKOVLUND D LINSDEAU	
Legal Status:	Private
Date Became Current:	19700101

CERTIFIED PLATING INC (Continued) **1000411598**

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

Historic Generators:

Receive Date:	19980917
Handler Name: CERTIFIED PLATING INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	19800805
Handler Name: CERTIFIED PLATING INC	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

CERTIFIED PLATING INC (Continued) **1000411598**

Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 11131
NAICS Description: ORANGE GROVES

Has the Facility Received Notices of Violations:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19850111
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported

CERTIFIED PLATING INC (Continued) **1000411598**

Request Agency: Not reported
Former Citation: Not reported

FINDS:
Registry ID: 110003598125

Click Here for FRS Facility Detail Report:

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

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

ECHO:

Envid:	1000411598
Registry ID:	110003598125
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110003598125
Name:	CERTIFIED PLATING INC
Address:	11110 E WARREN AVE
City,State,Zip:	DETROIT, MI 48214

H58 **CITY OF DETROIT CHANDLER PARK** **RCRA NonGen / NLR** **1000888231**
ENE **5650 CONNER ST** **FINDS** **MI0000261008**
1/8-1/4 **DETROIT, MI 48213** **ECHO**
0.243 mi.
1283 ft. **Site 5 of 6 in cluster H**

Relative: Higher
Actual: 605 ft.

RCRA Listings:

Date Form Received by Agency:	19970508
Handler Name:	City Of Detroit Chandler Park
Handler Address:	5650 CONNER ST
Handler City,State,Zip:	DETROIT, MI 48213
EPA ID:	MI0000261008
Contact Name:	CLEDOS POWELL
Contact Address:	5650 CONNER ST
Contact City,State,Zip:	DETROIT, MI 48213
Contact Telephone:	313-852-4041
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	05
Land Type:	Municipal
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	8221 W DAVISON
Mailing City,State,Zip:	DETROIT, MI 48238

CITY OF DETROIT CHANDLER PARK (Continued) **1000888231**

Owner Name:	Detroit City Of Dpw
Owner Type:	Municipal
Operator Name:	Detroit City Of Dpw
Operator Type:	Municipal
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110303
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: DETROIT CITY OF DPW	
Legal Status:	Municipal
Date Became Current:	19700101
Date Ended Current:	Not reported

CITY OF DETROIT CHANDLER PARK (Continued) **1000888231**

Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: DETROIT CITY OF DPW	
Legal Status:	Municipal
Date Became Current:	19700101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: DETROIT CITY OF DPW	
Legal Status:	Municipal
Date Became Current:	19700101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: DETROIT CITY OF DPW	
Legal Status:	Municipal
Date Became Current:	19700101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19970508
Handler Name:	CITY OF DETROIT CHANDLER PARK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

CITY OF DETROIT CHANDLER PARK (Continued) **1000888231**

Receive Date: 19940429
Handler Name: CITY OF DETROIT CHANDLER PARK
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

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

Has the Facility Received Notices of Violations:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Used Oil - Generators
Date Violation was Determined: 19970603
Actual Return to Compliance Date: 19980806
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19970701
Enforcement Identifier: 001
Date of Enforcement Action: 19970603
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

CITY OF DETROIT CHANDLER PARK (Continued) **1000888231**

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19970603
Actual Return to Compliance Date: 19980806
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19970701
Enforcement Identifier: 001
Date of Enforcement Action: 19970603
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19970508
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19980806
Scheduled Compliance Date: 19970701
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19970508
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported

CITY OF DETROIT CHANDLER PARK (Continued) **1000888231**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19980806
Scheduled Compliance Date:	19970701
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110003564410

Click Here for FRS Facility Detail Report:

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

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

ECHO:

Envid:	1000888231
Registry ID:	110003564410
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110003564410
Name:	CITY OF DETROIT CHANDLER PARK
Address:	5650 CONNER ST
City,State,Zip:	DETROIT, MI 48213

H59 **GSD CHANDLER PARK SERVICE YARD** **MI LUST** **U000268647**
ENE **5650 CONNER ST** **MI UST** **N/A**
1/8-1/4 **DETROIT, MI 48213** **MI Financial Assurance**
0.243 mi. **MI WDS**
1283 ft. **Site 6 of 6 in cluster H**

Relative: Higher
Actual: 605 ft.

LUST:

Name:	GSD CHANDLER PARK SERVICE YARD
Address:	5650 CONNER ST
City,State,Zip:	DETROIT, MI 48213
Facility ID:	19064
Source:	Not reported
Owner Name:	Bennett, Fred
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Owner Contact:	Not reported
Owner Phone:	989-387-7991
Country:	Not reported
District:	Detroit
Site Name:	Chandler Park Service Yard
Latitude:	42.39368
Longitude:	-82.98421
Date of Collection:	Not reported
Method of Collection:	The geographic coordinate determination method based on address matching-house number.

GSD CHANDLER PARK SERVICE YARD (Continued) **U000268647**

Accuracy:	100
Accuracy Value Unit:	Not reported
Horizontal Data:	North American Datum of 1983
Point Line Area:	Not reported
Desc Category:	Not reported
Regulatory Program:	Not reported
Risk Condition:	Not reported
Project Manager:	Not reported
Senate District:	Not reported
House District:	Not reported
US Congressional District:	Not reported

Leak Number:	27506
Release Date:	09/15/1997
Substance Released:	Not reported
Release Status:	Closed
Release Closed Date:	01/28/1998

Leak Number:	C-0840-97
Release Date:	09/15/1997
Substance Released:	Gasoline
Release Status:	Closed
Release Closed Date:	01/28/1998

UST:

Name:	GSD CHANDLER PARK SERVICE YARD
Address:	5650 CONNER ST
City,State,Zip:	DETROIT, MI 48213-3408
Facility Type:	Not reported
Facility ID:	00019064
Owner Name:	CITY OF DETROIT GENERAL SERVICE DEPARTMENT
Owner Address:	8221 DAVISON
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48238
Owner Contact:	Not reported
Owner Phone:	3132123774
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported
Method of Collection:	Not reported
District:	Not reported
Tank ID:	Not reported
Capacity:	7000
Tank Status:	Currently In Use
Substance:	Diesel,Gasoline
Install Date:	Not reported
Remove Date:	Not reported
Tank Number:	UTK-000091-17
Tank Details Compartments:	2
Tank Release Detection:	Inter Monitoring/Second Conatinment,Interstital Monitoring Double Walled Tank/Piping,Inventory Control

GSD CHANDLER PARK SERVICE YARD (Continued) **U000268647**

Pipe Release Detection:	Automatic Line Leak Detectors,Interstitial Monitoring Double Walled Piping,Interstitial Monitoring Second Containment
Piping Material:	Double Walled,Fiberglass Reinforced Plastic
Piping Type:	Pressure (Remote)
Tank Construction:	Double Walled,Fiberglass Reinforced Plastic
Impressed Device:	No
Latitude:	Not reported
Longitude:	Not reported
Name:	CHANDLER PARK SERVICE YARD
Address:	5650 CONNER ST
City,State,Zip:	DETROIT, MI 48213-3408
Facility Type:	ACTIVE
Facility ID:	00019064
Owner Name:	CITY OF DETROIT GENERAL SERVICE DEPARTMENT
Owner Address:	8221 DAVISON
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48238
Owner Contact:	Not reported
Owner Phone:	Not reported
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported
Method of Collection:	Not reported
District:	Not reported
Tank ID:	Not reported
Capacity:	7000
Tank Status:	Currently In Use
Substance:	Diesel,Gasoline
Install Date:	Not reported
Remove Date:	Not reported
Tank Number:	UTK-000091-17
Tank Details Compartments:	2
Tank Release Detection:	Inter Monitoring/Second Conatinment,Interstital Monitoring Double Walled Tank/Piping,Inventory Control
Pipe Release Detection:	Automatic Line Leak Detectors,Interstitial Monitoring Double Walled Piping,Interstitial Monitoring Second Containment
Piping Material:	Double Walled,Fiberglass Reinforced Plastic
Piping Type:	Pressure (Remote)
Tank Construction:	Double Walled,Fiberglass Reinforced Plastic
Impressed Device:	No
Latitude:	Not reported
Longitude:	Not reported
Name:	GSD CHANDLER PARK SERVICE YARD
Address:	5650 CONNER ST
City,State,Zip:	DETROIT, MI 48213-3408
Facility Type:	Not reported
Facility ID:	00019064
Owner Name:	CITY OF DETROIT GENERAL SERVICE DEPARTMENT

GSD CHANDLER PARK SERVICE YARD (Continued) **U000268647**

Owner Address:	8221 DAVISON
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48238
Owner Contact:	Not reported
Owner Phone:	3132123774
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported
Method of Collection:	Not reported
District:	Not reported
Tank ID:	Not reported
Capacity:	7000
Tank Status:	Currently In Use
Substance:	Diesel,Gasoline
Install Date:	Not reported
Remove Date:	Not reported
Tank Number:	UTK-000091-17
Tank Details Compartments:	2
Tank Release Detection:	Inter Monitoring/Second Conatinment,Interstital Monitoring Double Walled Tank/Piping,Inventory Control
Pipe Release Detection:	Automatic Line Leak Detectors,Interstitial Monitoring Double Walled Piping,Interstitial Monitoring Second Containment
Piping Material:	Double Walled,Fiberglass Reinforced Plastic
Piping Type:	Pressure (Remote)
Tank Construction:	Double Walled,Fiberglass Reinforced Plastic
Impressed Device:	No
Latitude:	Not reported
Longitude:	Not reported

Name:	GSD CHANDLER PARK SERVICE YARD
Address:	5650 CONNER ST
City,State,Zip:	DETROIT, MI 48213-3408
Facility Type:	Currently In Use
Facility ID:	00019064
Owner Name:	CITY OF DETROIT GENERAL SERVICE DEPARTMENT
Owner Address:	8221 DAVISON
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48238
Owner Contact:	Not reported
Owner Phone:	3132123774
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported

GSD CHANDLER PARK SERVICE YARD (Continued) **U000268647**

Method of Collection:	Not reported
District:	Not reported
Tank ID:	Not reported
Capacity:	7000
Tank Status:	Currently In Use
Substance:	Diesel,Gasoline
Install Date:	Not reported
Remove Date:	Not reported
Tank Number:	UTK-000091-17
Tank Details Compartments:	2
Tank Release Detection:	Inter Monitoring/Second Conatinment,Interstital Monitoring Double Walled Tank/Piping,Inventory Control
Pipe Release Detection:	Automatic Line Leak Detectors,Interstitial Monitoring Double Walled Piping,Interstitial Monitoring Second Containment
Piping Material:	Double Walled,Fiberglass Reinforced Plastic
Piping Type:	Pressure (Remote)
Tank Construction:	Double Walled,Fiberglass Reinforced Plastic
Impressed Device:	No
Latitude:	Not reported
Longitude:	Not reported
Name:	GSD CHANDLER PARK SERVICE YARD
Address:	5650 CONNER ST
City,State,Zip:	DETROIT, MI 48213-3408
Facility Type:	Currently In Use
Facility ID:	00019064
Owner Name:	CITY OF DETROIT GENERAL SERVICE DEPARTMENT
Owner Address:	8221 DAVISON
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48238
Owner Contact:	Not reported
Owner Phone:	3132123774
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported
Method of Collection:	Not reported
District:	Not reported
Tank ID:	Not reported
Capacity:	7000
Tank Status:	Currently In Use
Substance:	Diesel,Gasoline
Install Date:	Not reported
Remove Date:	Not reported
Tank Number:	UTK-000091-17
Tank Details Compartments:	2
Tank Release Detection:	Inter Monitoring/Second Conatinment,Interstital Monitoring Double Walled Tank/Piping,Inventory Control
Pipe Release Detection:	Automatic Line Leak Detectors,Interstitial Monitoring Double Walled Piping,Interstitial Monitoring Second Containment
Piping Material:	Double Walled,Fiberglass Reinforced Plastic

GSD CHANDLER PARK SERVICE YARD (Continued) **U000268647**

Piping Type:	Pressure (Remote)
Tank Construction:	Double Walled,Fiberglass Reinforced Plastic
Impressed Device:	No
Latitude:	Not reported
Longitude:	Not reported

Name:	CHANDLER PARK SERVICE YARD
Address:	5650 CONNER ST
City,State,Zip:	DETROIT 48213-3408
Facility Type:	ACTIVE
Facility ID:	00019064
Owner Name:	CITY OF DETROIT GENERAL SERVICE DEPARTMENT
Owner Address:	8221 DAVISON
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48238
Owner Contact:	Not reported
Owner Phone:	Not reported
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported
Method of Collection:	Not reported
District:	Not reported
Tank ID:	Not reported
Capacity:	7000
Tank Status:	Currently In Use
Substance:	Diesel,Gasoline
Install Date:	Not reported
Remove Date:	Not reported
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	No
Latitude:	Not reported
Longitude:	Not reported

Name:	GSD CHANDLER PARK SERVICE YARD
Address:	5650 CONNER ST
City,State,Zip:	DETROIT, MI 48213-3408
Facility Type:	Not reported
Facility ID:	00019064
Owner Name:	CITY OF DETROIT GENERAL SERVICE DEPARTMENT
Owner Address:	8221 DAVISON
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48238
Owner Contact:	Not reported

GSD CHANDLER PARK SERVICE YARD (Continued) **U000268647**

Owner Phone:	3132123774
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported
Method of Collection:	Not reported
District:	Not reported
Tank ID:	Not reported
Capacity:	7000
Tank Status:	Currently In Use
Substance:	Diesel,Gasoline
Install Date:	Not reported
Remove Date:	Not reported
Tank Number:	UTK-000091-17
Tank Details Compartments:	2
Tank Release Detection:	Inter Monitoring/Second Conatinment,Interstital Monitoring Double Walled Tank/Piping,Inventory Control
Pipe Release Detection:	Automatic Line Leak Detectors,Interstitial Monitoring Double Walled Piping,Interstitial Monitoring Second Containment
Piping Material:	Double Walled,Fiberglass Reinforced Plastic
Piping Type:	Pressure (Remote)
Tank Construction:	Double Walled,Fiberglass Reinforced Plastic
Impressed Device:	No
Latitude:	Not reported
Longitude:	Not reported

Name:	GSD CHANDLER PARK SERVICE YARD
Address:	5650 CONNER ST
City,State,Zip:	DETROIT, MI 48213-3408
Facility Type:	Not reported
Facility ID:	00019064
Owner Name:	CITY OF DETROIT GENERAL SERVICE DEPARTMENT
Owner Address:	8221 DAVISON
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48238
Owner Contact:	Not reported
Owner Phone:	3132123774
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported
Method of Collection:	Not reported
District:	Not reported
Tank ID:	Not reported
Capacity:	7000
Tank Status:	Currently In Use

GSD CHANDLER PARK SERVICE YARD (Continued) **U000268647**

Substance:	Diesel,Gasoline
Install Date:	Not reported
Remove Date:	Not reported
Tank Number:	UTK-000091-17
Tank Details Compartments:	2
Tank Release Detection:	Inter Monitoring/Second Conatinment,Interstital Monitoring Double Walled Tank/Piping,Inventory Control
Pipe Release Detection:	Automatic Line Leak Detectors,Interstitial Monitoring Double Walled Piping,Interstitial Monitoring Second Containment
Piping Material:	Double Walled,Fiberglass Reinforced Plastic
Piping Type:	Pressure (Remote)
Tank Construction:	Double Walled,Fiberglass Reinforced Plastic
Impressed Device:	No
Latitude:	Not reported
Longitude:	Not reported

Name:	CHANDLER PARK SERVICE YARD
Address:	5650 CONNER ST
City,State,Zip:	DETROIT 48213-3408
Facility Type:	ACTIVE
Facility ID:	00019064
Owner Name:	CITY OF DETROIT GENERAL SERVICE DEPARTMENT
Owner Address:	8221 DAVISON
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48238
Owner Contact:	Not reported
Owner Phone:	Not reported
Contact:	Willaim Webster
Contact Phone:	(313) 528-1148
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:	4000
Tank Status:	Removed from Ground
Substance:	Diesel,Gasoline
Install Date:	03/19/1968
Remove Date:	01/26/2017
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.39365
Longitude:	-82.98424

GSD CHANDLER PARK SERVICE YARD (Continued) **U000268647**

FINANCIAL ASSURANCE 3:

Name:	GSD CHANDLER PARK SERVICE YARD
Address:	5650 CONNER ST
City,State,Zip:	DETROIT, MI 48213-3408
Facility ID:	00019064
Exempt:	No
Expiration Date:	04/13/2024
Bond Rating Tests:	Not reported
Commerical Insurance:	Not reported
Guarantee:	Not reported
Letter of Credit:	Not reported
Risk Retention Group:	Not reported
Self Insurance:	Not reported
State Funds:	CHECKED
Surety Bond:	Not reported
Trust Funds:	Not reported
Year:	2022

WDS:

Name:	CITY OF DETROIT CHANDLER PARK
Address:	5650 CONNER ST
City,State,Zip:	DETROIT, MI 48213
Site Id:	MI0000261008
WMD Id:	390867
Site Specific Name:	DETROIT CHANDLER PARK CITY OF
Mailing Address:	45145 FIVE MILE RD
Mailing City/State/Zip:	48170
Mailing County:	WAYNE

J60 **PRICES USED CARS** **MI LUST** **U000266731**
SE **11409 E WARREN AVE** **MI UST** **N/A**
1/8-1/4 **DETROIT, MI 48214** **MI INVENTORY**
0.245 mi. **MI WDS**
1292 ft. **Site 2 of 3 in cluster J**

Relative:
Lower

Actual:
602 ft.

LUST:

Name:	PRICES USED CARS
Address:	11409 E WARREN AVE
City,State,Zip:	DETROIT, MI 48214
Facility ID:	33505
Source:	Not reported
Owner Name:	Banas, Joe
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Owner Contact:	Not reported
Owner Phone:	269-569-1527
Country:	Not reported
District:	Detroit
Site Name:	Price Used Cars And Parts
Latitude:	42.38733
Longitude:	-82.98388
Date of Collection:	Not reported
Method of Collection:	The geographic coordinate determination method based on address matching-house number.
Accuracy:	100
Accuracy Value Unit:	Not reported
Horizontal Data:	North American Datum of 1983

PRICES USED CARS (Continued) **U000266731**

Point Line Area: Not reported
Desc Category: Not reported
Regulatory Program: Not reported
Risk Condition: Not reported
Project Manager: Not reported
Senate District: Not reported
House District: Not reported
US Congressional District: Not reported

Leak Number: 18909
Release Date: 06/11/1991
Substance Released: Not reported
Release Status: Open
Release Closed Date: Not reported

Leak Number: C-1175-91
Release Date: 06/11/1991
Substance Released: Unknown
Release Status: Open
Release Closed Date: Not reported

UST:
Name: PRICES USED CARS
Address: 11409 E WARREN AVE
City,State,Zip: DETROIT 48214-1662
Facility Type: CLOSED
Facility ID: 00033505
Owner Name: PRICES USED CARS
Owner Address: 11409 E WARREN AVE
Owner City: DETROIT
Owner State: MI
Owner Zip: 48214-1662
Owner Contact: Not reported
Owner Phone: 3139211700
Contact: PRICES USED CARS
Contact Phone: (313) 921-1700
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: 60000
Tank Status: Removed from Ground
Substance: Gasoline
Install Date: 11/24/1950
Remove Date: 12/16/1989
Tank Number: Not reported
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Not reported
Piping Type: Not reported
Tank Construction: Not reported

PRICES USED CARS (Continued) **U000266731**

Impressed Device:	Not reported
Latitude:	42.38733
Longitude:	-82.98388

Name:	PRICES USED CARS
Address:	11409 E WARREN AVE
City,State,Zip:	DETROIT 48214-1662
Facility Type:	CLOSED
Facility ID:	00033505
Owner Name:	PRICES USED CARS
Owner Address:	11409 E WARREN AVE
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48214-1662
Owner Contact:	Not reported
Owner Phone:	3139211700
Contact:	PRICES USED CARS
Contact Phone:	(313) 921-1700
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:	60000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	11/24/1950
Remove Date:	12/16/1989
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.38733
Longitude:	-82.98388

Name:	PRICES USED CARS
Address:	11409 E WARREN AVE
City,State,Zip:	DETROIT 48214-1662
Facility Type:	CLOSED
Facility ID:	00033505
Owner Name:	PRICES USED CARS
Owner Address:	11409 E WARREN AVE
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48214-1662
Owner Contact:	Not reported
Owner Phone:	3139211700
Contact:	PRICES USED CARS

PRICES USED CARS (Continued) **U000266731**

Contact Phone:	(313) 921-1700
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:	60000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	11/24/1950
Remove Date:	12/16/1989
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.38733
Longitude:	-82.98388

INVENTORY:

Name:	PRICES USED CARS
Address:	11409 E WARREN AVE
City,State,Zip:	DETROIT, MI 48214
Township:	Detroit
District:	Warren
Data Source:	Risks Controlled-Interim
Lust Name:	Price Used Cars And Parts
Regulatory Program:	213
Release Status:	Open
Project Manager:	Scheels, Joshua
Latitude:	42.387339
Longitude:	-82.983882

WDS:

Name:	PRICE USED CARS
Address:	11409 E WARREN AVE
City,State,Zip:	DETROIT, MI 48214
Site Id:	MIG000054476
WMD Id:	436535
Site Specific Name:	PRICE USED CARS
Mailing Address:	27700 DONALD CT
Mailing City/State/Zip:	48092
Mailing County:	WAYNE

L61 **BENZ FAIRVIEW SERVICE** **MI LUST** **U000266696**
SSE **11000 E WARREN AVE** **MI UST** **N/A**
1/4-1/2 **DETROIT, MI 48214**
0.257 mi.
1357 ft. **Site 3 of 3 in cluster L**

Relative:
Higher

Actual:
604 ft.

LUST:

Name:	BENZ FAIRVIEW SERVICE
Address:	11000 E WARREN AVE
City,State,Zip:	DETROIT, MI 48214
Facility ID:	18946
Source:	Not reported
Owner Name:	Miles, Gary
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Owner Contact:	Not reported
Owner Phone:	586-289-0816
Country:	Not reported
District:	Detroit
Site Name:	Benz Oil Fairview Service
Latitude:	42.38589
Longitude:	-82.98704
Date of Collection:	Not reported
Method of Collection:	The geographic coordinate determination method based on address matching-house number.
Accuracy:	100
Accuracy Value Unit:	Not reported
Horizontal Data:	North American Datum of 1983
Point Line Area:	Not reported
Desc Category:	Not reported
Regulatory Program:	Not reported
Risk Condition:	Not reported
Project Manager:	Not reported
Senate District:	Not reported
House District:	Not reported
US Congressional District:	Not reported

Leak Number:	15814
Release Date:	05/09/1990
Substance Released:	Not reported
Release Status:	Closed
Release Closed Date:	09/17/1996

Leak Number:	C-0827-90
Release Date:	05/09/1990
Substance Released:	Not reported
Release Status:	Closed
Release Closed Date:	09/17/1996

UST:

Name:	BENZ FAIRVIEW SERVICE
Address:	11000 E WARREN AVE
City,State,Zip:	DETROIT 48214-1618
Facility Type:	CLOSED
Facility ID:	00018946
Owner Name:	BENZ OIL CO
Owner Address:	13309 WINCHESTER AVE
Owner City:	HUNTINGTON WOODS
Owner State:	MI
Owner Zip:	48070-1728

BENZ FAIRVIEW SERVICE (Continued) **U000266696**

Owner Contact:	Not reported
Owner Phone:	3135473191
Contact:	MARVIN L. KAYE
Contact Phone:	(313) 547-3191
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:	6000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	05/02/1966
Remove Date:	09/01/1991
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.38589
Longitude:	-82.98704

Name:	BENZ FAIRVIEW SERVICE
Address:	11000 E WARREN AVE
City,State,Zip:	DETROIT 48214-1618
Facility Type:	CLOSED
Facility ID:	00018946
Owner Name:	BENZ OIL CO
Owner Address:	13309 WINCHESTER AVE
Owner City:	HUNTINGTON WOODS
Owner State:	MI
Owner Zip:	48070-1728
Owner Contact:	Not reported
Owner Phone:	3135473191
Contact:	MARVIN L. KAYE
Contact Phone:	(313) 547-3191
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:	5000
Tank Status:	Removed from Ground
Substance:	Diesel

BENZ FAIRVIEW SERVICE (Continued) **U000266696**

Install Date:	05/02/1973
Remove Date:	09/01/1991
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.38589
Longitude:	-82.98704

Name:	BENZ FAIRVIEW SERVICE
Address:	11000 E WARREN AVE
City,State,Zip:	DETROIT 48214-1618
Facility Type:	CLOSED
Facility ID:	00018946
Owner Name:	BENZ OIL CO
Owner Address:	13309 WINCHESTER AVE
Owner City:	HUNTINGTON WOODS
Owner State:	MI
Owner Zip:	48070-1728
Owner Contact:	Not reported
Owner Phone:	3135473191
Contact:	MARVIN L. KAYE
Contact Phone:	(313) 547-3191
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:	05/02/1968
Remove Date:	09/01/1991
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.38589
Longitude:	-82.98704

Name:	BENZ FAIRVIEW SERVICE
Address:	11000 E WARREN AVE
City,State,Zip:	DETROIT 48214-1618
Facility Type:	CLOSED

BENZ FAIRVIEW SERVICE (Continued) **U000266696**

Facility ID:	00018946
Owner Name:	BENZ OIL CO
Owner Address:	13309 WINCHESTER AVE
Owner City:	HUNTINGTON WOODS
Owner State:	MI
Owner Zip:	48070-1728
Owner Contact:	Not reported
Owner Phone:	3135473191
Contact:	MARVIN L. KAYE
Contact Phone:	(313) 547-3191
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:	05/03/1983
Remove Date:	09/01/1991
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.38589
Longitude:	-82.98704

Name:	BENZ FAIRVIEW SERVICE
Address:	11000 E WARREN AVE
City,State,Zip:	DETROIT 48214-1618
Facility Type:	CLOSED
Facility ID:	00018946
Owner Name:	BENZ OIL CO
Owner Address:	13309 WINCHESTER AVE
Owner City:	HUNTINGTON WOODS
Owner State:	MI
Owner Zip:	48070-1728
Owner Contact:	Not reported
Owner Phone:	3135473191
Contact:	MARVIN L. KAYE
Contact Phone:	(313) 547-3191
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)

BENZ FAIRVIEW SERVICE (Continued) **U000266696**

Method of Collection:	Address Matching-House Number
District:	Region 1 - SE Michigan District Office
Tank ID:	1
Capacity:	4000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	05/02/1958
Remove Date:	07/30/1990
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.38589
Longitude:	-82.98704

J62 **11244 EAST WARREN AVENUE** **MI INVENTORY** **S125409875**
SE **11244 EAST WARREN AVENUE** **MI BEA** **N/A**
1/4-1/2 **DETROIT, MI 48213**
0.258 mi.
1360 ft. **Site 3 of 3 in cluster J**

Relative:
Lower

Actual:
602 ft.

INVENTORY:

Name:	11244 EAST WARREN AVENUE
Address:	11244 EAST WARREN AVENUE
City,State,Zip:	DETROIT, MI 48213
Township:	Not reported
District:	Warren
Data Source:	Risks Not Determined
Lust Name:	Not reported
Regulatory Program:	201
Release Status:	Not reported
Project Manager:	Molnar, Eric
Latitude:	42.38699572
Longitude:	-82.983939

BEA:

Name:	11244 EAST WARREN AVENUE
Address:	11244 EAST WARREN AVENUE
City,State,Zip:	DETROIT, MI 48213
Secondary Address:	Not reported
BEA Number:	Not reported
District:	Not reported
Date Received:	09/03/2019
Submitter Name:	Not reported
Petition Determination:	Not reported
Petition Disclosure:	Not reported
Category:	Not reported
Determination 20107A:	Not reported
Reviewer:	Not reported
Division Assigned:	Not reported
Location ID:	82008375
Submittal Type:	Baseline Environmental Assessment
Submittal Number:	82008375-BEA-1

11244 EAST WARREN AVENUE (Continued) **S125409875**

Approval Status:	RRD Received
Workflow Status:	Submitted
Date Submitted:	2019-09-13 10:43:31
Date Completed:	7/12/2019
Township:	Not reported
Work Unit:	Warren
Comments:	Not reported
Organization:	Detroit Brownfield Redevelopment Authority
Contact:	Hairston-Bridges, Kenyetta
Contact Type:	Owner/Operator
Organization Street Address:	Not reported
Organization City:	Not reported
Organization State:	Not reported
Organization Zip Code:	Not reported
Organization County:	Not reported
Contact Street Address:	Not reported
Contact City:	Not reported
Contact Zip Code:	Not reported
Contact State:	Not reported

M63 **PRESSURE VESSEL SERVICE** **MI BEA** **S104910921**
NW **11000-11050 HARPER AVENUE** **N/A**
1/4-1/2 **DETROIT, MI**
0.267 mi.
1412 ft. **Site 1 of 2 in cluster M**

Relative:
Higher

Actual:
606 ft.

BEA:

Name:	PRESSURE VESSEL SERVICE
Address:	11000-11050 HARPER AVENUE
City,State,Zip:	DETROIT, MI
Secondary Address:	Not reported
BEA Number:	311
District:	Southeast MI
Date Received:	04/24/1997
Submitter Name:	PRESSURE VESSEL SERVICES, INC.
Petition Determination:	Affirmed
Petition Disclosure:	1
Category:	N
Determination 20107A:	Affirmed
Reviewer:	russelje
Division Assigned:	ERD
Location ID:	Not reported
Submittal Type:	Not reported
Submittal Number:	Not reported
Approval Status:	Not reported
Workflow Status:	Not reported
Date Submitted:	Not reported
Date Completed:	Not reported
Township:	Not reported
Work Unit:	Not reported
Comments:	Not reported
Organization:	Not reported
Contact:	Not reported
Contact Type:	Not reported
Organization Street Address:	Not reported
Organization City:	Not reported
Organization State:	Not reported
Organization Zip Code:	Not reported

PRESSURE VESSEL SERVICE (Continued) **S104910921**

Organization County:	Not reported
Contact Street Address:	Not reported
Contact City:	Not reported
Contact Zip Code:	Not reported
Contact State:	Not reported

M64 **REFINING CO/FRUEHAUF TRAILER** **MI LUST** **U003330401**
NW **11000 HARPER AVE** **MI UST** **N/A**
1/4-1/2 **DETROIT, MI 48213** **MI INVENTORY**
0.267 mi. **MI BEA**
1412 ft. **Site 2 of 2 in cluster M**

Relative:
Higher

Actual:
606 ft.

LUST:

Name:	REFINING CO/FRUEHAUF TRAILER
Address:	11000 HARPER AVE
City,State,Zip:	DETROIT, MI 48213
Facility ID:	39308
Source:	Not reported
Owner Name:	F. FERGUSON, WAYNE
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Owner Contact:	Not reported
Owner Phone:	Not reported
Country:	Not reported
District:	Detroit
Site Name:	Refining Co/fruehauf Trailer
Latitude:	42.39575
Longitude:	-82.99390
Date of Collection:	Not reported
Method of Collection:	The geographic coordinate determination method based on address matching-house number.
Accuracy:	100
Accuracy Value Unit:	Not reported
Horizontal Data:	North American Datum of 1983
Point Line Area:	Not reported
Desc Category:	Not reported
Regulatory Program:	Not reported
Risk Condition:	Not reported
Project Manager:	Not reported
Senate District:	Not reported
House District:	Not reported
US Congressional District:	Not reported

Leak Number:	27028
Release Date:	03/20/1997
Substance Released:	Not reported
Release Status:	Open
Release Closed Date:	Not reported

Leak Number:	C-0181-97
Release Date:	04/03/1997
Substance Released:	Gasoline,Unknown
Release Status:	Open
Release Closed Date:	Not reported

UST:

Name:	REFINING CO/FRUEHAUF TRAILER
Address:	11000 HARPER AVE

REFINING CO/FRUEHAUF TRAILER (Continued) **U003330401**

City,State,Zip:	DETROIT 48213-3364
Facility Type:	CLOSED
Facility ID:	00039308
Owner Name:	PVS CHEMICALS
Owner Address:	10900 HARPER AVE
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48213-3364
Owner Contact:	Not reported
Owner Phone:	3139211200
Contact:	MARY SHANK
Contact Phone:	(313) 921-1200
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:	550
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	12/02/1924
Remove Date:	04/03/1997
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.39575
Longitude:	-82.99390

INVENTORY:

Name:	REFINING CO/FRUEHAUF TRAILER
Address:	11000 HARPER AVE
City,State,Zip:	DETROIT, MI 48213
Township:	Detroit
District:	Warren
Data Source:	Risks Controlled-Interim
Lust Name:	Refining Co/fruehauf Trailer
Regulatory Program:	213
Release Status:	Open
Project Manager:	Scheels, Joshua
Latitude:	42.395751
Longitude:	-82.993906

BEA:

Name:	REFINING CO/FRUEHAUF TRAILER
Address:	11000 HARPER AVE
City,State,Zip:	DETROIT, MI 48213

REFINING CO/FRUEHAUF TRAILER (Continued) **U003330401**

Secondary Address:	Not reported
BEA Number:	Not reported
District:	Not reported
Date Received:	04/24/1997
Submitter Name:	Not reported
Petition Determination:	Not reported
Petition Disclosure:	Not reported
Category:	Not reported
Determination 20107A:	Not reported
Reviewer:	Not reported
Division Assigned:	Not reported
Location ID:	00039308
Submittal Type:	Baseline Environmental Assessment
Submittal Number:	P199700311LV
Approval Status:	RRD Received
Workflow Status:	Submitted
Date Submitted:	2004-01-31 07:29:04
Date Completed:	Not reported
Township:	Detroit
Work Unit:	Warren
Comments:	Records Manager: Box 8 RC# 895128 Sent to Lansing for Scanning on December 2, 2015
Organization:	PRESSURE VESSEL SERVICES, INC.
Contact:	MR. JOHN S. VARGO, C.P.G.
Contact Type:	Submitter Contact
Organization Street Address:	Not reported
Organization City:	Not reported
Organization State:	Not reported
Organization Zip Code:	Not reported
Organization County:	Not reported
Contact Street Address:	Not reported
Contact City:	Not reported
Contact Zip Code:	Not reported
Contact State:	Not reported

N65 **C W MUNGO CONTRACTING CO INC** **MI AUL** **S105768183**
WSW **10610 SHOEMAKER ST** **MI INVENTORY** **N/A**
1/4-1/2 **DETROIT, MI 48213** **MI BEA**
0.284 mi. **MI WDS**
1501 ft. **Site 1 of 3 in cluster N**

Relative: **Higher**
Actual: **606 ft.**

AUL:

Name:	C.W. MUNGO CONTRACTING COMPANY INC
Address:	10610 SHOEMAKER
City,State,Zip:	DETROIT, MI 48213
Status:	Recorded
Site Name:	Not reported
Property:	C.W. Mungo contracting Company Inc
Land Use Restriction Type:	RC
Program Type:	Part 213
Program Support Assigned User:	Nicholas Swartz
Program Support Assigned Date:	10/12/2009
Legal Description Of Property:	Migrated
Based On The Deq Ref #:	11121304582
MDEQ Reference Number:	RC-RRD-213-04-582
Property Or Description Restricted Area:	Migrated
Lead Division:	STD
File Name Of Hyperlinked Legal Doc:	U:\\kermit\\11121304582.pdf

C W MUNGO CONTRACTING CO INC (Continued) **S105768183**

Mapped Polygons Area In Acres:	0.18079999999999999
Mapped Polygons Area In Square Miles:	0.0003
Date Data Entry Started:	10/12/2009
Date Data Entry Finished:	10/12/2009
Individual Or Staff Assoc With The Mapping:	Nicholas Swartz
Program Used To Map Restricted Features:	ArcInfo 9.3 and IcoMap 4.2
Date Legal Paperwork Stamped/Filed/Register Of Deeds:	01/30/1998
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:	1
Groundwater Consumption Restrictions:	0
Groundwater Contact Restrictions:	1
Special Well Construction Requirements:	0
Special Building Restrictions:	0
Excavation And Soil Movement Restrictions:	0
Soil Movement Requirements:	1
There Is A Restriction On All Construction:	0
Monitoring Well Protected, No Tampering Or Removal:	0
There Is An Exposure Barrier In Place:	1
There Is A Health And Safety Plan:	0
There Is A Permanent Marker On The Site:	0
Comment:	Request received on 8/4/2004
Map Comments:	Land Restriction has not been mapped in kermit as of January 10, 2008. LUR is mapped in KERMIT as of 20091012 - Nick Swartz

INVENTORY:

Name:	C W MUNGO CONTRACTING CO INC
Address:	10610 SHOEMAKER ST
City,State,Zip:	DETROIT, MI 48213
Township:	Detroit
District:	Warren
Data Source:	Risk Controlled
Lust Name:	C W Mungo Contracting Co Inc
Regulatory Program:	213
Release Status:	Closed
Project Manager:	Thornton, Patricia
Latitude:	42.389238
Longitude:	-82.994798

BEA:

Name:	Not reported
Address:	10610 SHOEMAKER
City,State,Zip:	DETROIT, MI
Secondary Address:	Not reported
BEA Number:	1482
District:	Southeast MI
Date Received:	09/06/2001
Submitter Name:	Highland Community Bank
Petition Determination:	No Request
Petition Disclosure:	0

C W MUNGO CONTRACTING CO INC (Continued) **S105768183**

Category:	N
Determination 20107A:	No Request
Reviewer:	cokt
Division Assigned:	STD
Location ID:	Not reported
Submittal Type:	Not reported
Submittal Number:	Not reported
Approval Status:	Not reported
Workflow Status:	Not reported
Date Submitted:	Not reported
Date Completed:	Not reported
Township:	Not reported
Work Unit:	Not reported
Comments:	Not reported
Organization:	Not reported
Contact:	Not reported
Contact Type:	Not reported
Organization Street Address:	Not reported
Organization City:	Not reported
Organization State:	Not reported
Organization Zip Code:	Not reported
Organization County:	Not reported
Contact Street Address:	Not reported
Contact City:	Not reported
Contact Zip Code:	Not reported
Contact State:	Not reported

Name:	DETROIT COMMERCE BANK
Address:	10610 SHOEMAKER
City,State,Zip:	DETROIT, MI 48213
Secondary Address:	Not reported
BEA Number:	2306
District:	Southeast MI
Date Received:	02/26/2004
Submitter Name:	Detroit Commerce Bank
Petition Determination:	No Request
Petition Disclosure:	0
Category:	N
Determination 20107A:	No Request
Reviewer:	schlaufj
Division Assigned:	ERD
Location ID:	Not reported
Submittal Type:	Not reported
Submittal Number:	Not reported
Approval Status:	Not reported
Workflow Status:	Not reported
Date Submitted:	Not reported
Date Completed:	Not reported
Township:	Not reported
Work Unit:	Not reported
Comments:	Not reported
Organization:	Not reported
Contact:	Not reported
Contact Type:	Not reported
Organization Street Address:	Not reported
Organization City:	Not reported
Organization State:	Not reported

C W MUNGO CONTRACTING CO INC (Continued) **S105768183**

Organization Zip Code:	Not reported
Organization County:	Not reported
Contact Street Address:	Not reported
Contact City:	Not reported
Contact Zip Code:	Not reported
Contact State:	Not reported

Name:	C W MUNGO CONTRACTING CO INC
Address:	10610 SHOEMAKER ST
City,State,Zip:	DETROIT, MI 48213
Secondary Address:	Not reported
BEA Number:	Not reported
District:	Not reported
Date Received:	09/06/2001
Submitter Name:	Not reported
Petition Determination:	Not reported
Petition Disclosure:	Not reported
Category:	Not reported
Determination 20107A:	Not reported
Reviewer:	Not reported
Division Assigned:	Not reported
Location ID:	00037990
Submittal Type:	Baseline Environmental Assessment
Submittal Number:	B200101482LV
Approval Status:	RRD Received
Workflow Status:	Submitted
Date Submitted:	2004-01-31 07:29:04
Date Completed:	Not reported
Township:	Detroit
Work Unit:	Warren
Comments:	RECORD CENTER - 895177 - BEA207
Organization:	Highland Community Bank
Contact:	Keith Schofner
Contact Type:	Submitter Contact
Organization Street Address:	Not reported
Organization City:	Not reported
Organization State:	Not reported
Organization Zip Code:	Not reported
Organization County:	Not reported
Contact Street Address:	Not reported
Contact City:	Not reported
Contact Zip Code:	Not reported
Contact State:	Not reported

Name:	C W MUNGO CONTRACTING CO INC
Address:	10610 SHOEMAKER ST
City,State,Zip:	DETROIT, MI 48213
Secondary Address:	Not reported
BEA Number:	Not reported
District:	Not reported
Date Received:	02/26/2004
Submitter Name:	Not reported
Petition Determination:	Not reported
Petition Disclosure:	Not reported
Category:	Not reported
Determination 20107A:	Not reported
Reviewer:	Not reported

C W MUNGO CONTRACTING CO INC (Continued) **S105768183**

Division Assigned:	Not reported
Location ID:	00037990
Submittal Type:	Baseline Environmental Assessment
Submittal Number:	B200402306LV
Approval Status:	RRD Received
Workflow Status:	Submitted
Date Submitted:	2004-02-26 13:57:04
Date Completed:	Not reported
Township:	Detroit
Work Unit:	Warren
Comments:	RECORDS CENTER - OCTOBER 2009 Notice Regarding Discarded or Abandoned Containers Included Part 213 Facility Id #0-0037990 REVIEW CONCLUSION: BEA is entirely of previously identified concerns, and concerns have already been dealt with appropriately.
Organization:	Detroit Commerce Bank
Contact:	August Mack Environmental, Inc.
Contact Type:	Submitter Contact
Organization Street Address:	Not reported
Organization City:	Not reported
Organization State:	Not reported
Organization Zip Code:	Not reported
Organization County:	Not reported
Contact Street Address:	Not reported
Contact City:	Not reported
Contact Zip Code:	Not reported
Contact State:	Not reported

WDS:

Name:	C W MUNGO CONTRACTING CO INC
Address:	10610 SHOEMAKER ST
City,State,Zip:	DETROIT, MI 48213
Site Id:	MI0000369991
WMD Id:	391042
Site Specific Name:	C W MUNGO CONTRACTING CO INC
Mailing Address:	12803 HAMILTON AVE
Mailing City/State/Zip:	48203
Mailing County:	WAYNE

N66 **C W MUNGO CONTRACTING CO INC** **MI LUST 1000908949**
WSW **10610 SHOEMAKER ST** **MI UST MI0000369991**
1/4-1/2 **DETROIT, MI 48213** **RCRA NonGen / NLR**
0.284 mi. **FINDS**
1501 ft. **Site 2 of 3 in cluster N** **ECHO**

Relative: Higher
Actual: 606 ft.

LUST:

Name:	C W MUNGO CONTRACTING CO INC
Address:	10610 SHOEMAKER ST
City,State,Zip:	DETROIT, MI 48213
Facility ID:	37990
Source:	Not reported
Owner Name:	Schalter, Joseph
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Owner Contact:	Not reported
Owner Phone:	Not reported
Country:	Not reported
District:	Detroit

C W MUNGO CONTRACTING CO INC (Continued) **1000908949**

Site Name:	C W Mungo Contracting Co Inc
Latitude:	42.38923
Longitude:	-82.99479
Date of Collection:	Not reported
Method of Collection:	The geographic coordinate determination method based on address matching-house number.
Accuracy:	100
Accuracy Value Unit:	Not reported
Horizontal Data:	North American Datum of 1983
Point Line Area:	Not reported
Desc Category:	Not reported
Regulatory Program:	Not reported
Risk Condition:	Not reported
Project Manager:	Not reported
Senate District:	Not reported
House District:	Not reported
US Congressional District:	Not reported

Leak Number:	24845
Release Date:	11/30/1995
Substance Released:	Not reported
Release Status:	Closed
Release Closed Date:	02/18/1998

Leak Number:	C-1253-95
Release Date:	11/30/1995
Substance Released:	Unknown
Release Status:	Closed
Release Closed Date:	02/18/1998

UST:

Name:	C W MUNGO CONTRACTING CO INC
Address:	10610 SHOEMAKER ST
City,State,Zip:	DETROIT 48213-3357
Facility Type:	CLOSED
Facility ID:	00037990
Owner Name:	C W MUNGO CONTRACTING CO INC
Owner Address:	10610 SHOEMAKER ST
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48213-3357
Owner Contact:	Not reported
Owner Phone:	3135715400
Contact:	BRUCE COLLINS
Contact Phone:	(313) 571-5400
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Region 1 - SE Michigan District Office
Tank ID:	3
Capacity:	2000
Tank Status:	Removed from Ground
Substance:	Other(UNK)

C W MUNGO CONTRACTING CO INC (Continued) **1000908949**

Install Date:	Not reported
Remove Date:	12/04/1995
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.38923
Longitude:	-82.99479

Name:	C W MUNGO CONTRACTING CO INC
Address:	10610 SHOEMAKER ST
City,State,Zip:	DETROIT 48213-3357
Facility Type:	CLOSED
Facility ID:	00037990
Owner Name:	C W MUNGO CONTRACTING CO INC
Owner Address:	10610 SHOEMAKER ST
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48213-3357
Owner Contact:	Not reported
Owner Phone:	3135715400
Contact:	BRUCE COLLINS
Contact Phone:	(313) 571-5400
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Region 1 - SE Michigan District Office
Tank ID:	2
Capacity:	2000
Tank Status:	Removed from Ground
Substance:	Other(UNK)
Install Date:	Not reported
Remove Date:	12/01/1995
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.38923
Longitude:	-82.99479

Name:	C W MUNGO CONTRACTING CO INC
Address:	10610 SHOEMAKER ST
City,State,Zip:	DETROIT 48213-3357
Facility Type:	CLOSED

C W MUNGO CONTRACTING CO INC (Continued) **1000908949**

Facility ID:	00037990
Owner Name:	C W MUNGO CONTRACTING CO INC
Owner Address:	10610 SHOEMAKER ST
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48213-3357
Owner Contact:	Not reported
Owner Phone:	3135715400
Contact:	BRUCE COLLINS
Contact Phone:	(313) 571-5400
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Region 1 - SE Michigan District Office
Tank ID:	1
Capacity:	2000
Tank Status:	Removed from Ground
Substance:	Other(UNK)
Install Date:	01/01/1946
Remove Date:	12/01/1995
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.38923
Longitude:	-82.99479

RCRA Listings:

Date Form Received by Agency:	20010405
Handler Name:	C W Mungo Contracting Co Inc
Handler Address:	10610 SHOEMAKER ST
Handler City,State,Zip:	DETROIT, MI 48213
EPA ID:	MI0000369991
Contact Name:	DARLENE MUNGO
Contact Address:	10610 SHOEMAKER ST
Contact City,State,Zip:	DETROIT, MI 48213
Contact Telephone:	000-000-0000
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	05
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported

C W MUNGO CONTRACTING CO INC (Continued) **1000908949**

State District:	Not reported
Mailing Address:	10610 SHOEMAKER ST
Mailing City,State,Zip:	DETROIT, MI 48213
Owner Name:	Mungo Cicero
Owner Type:	Private
Operator Name:	Mungo Cicero
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110303
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: MUNGO CICERO

C W MUNGO CONTRACTING CO INC (Continued) **1000908949**

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

C W MUNGO CONTRACTING CO INC (Continued) **1000908949**

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

Historic Generators:

Receive Date: 19960909
Handler Name: C W MUNGO CONTRACTING CO INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19940621
Handler Name: C W MUNGO CONTRACTING CO INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20010405
Handler Name: C W MUNGO CONTRACTING CO INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 23821
NAICS Description: ELECTRICAL CONTRACTORS AND OTHER WIRING INSTALLATION CONTRACTORS

C W MUNGO CONTRACTING CO INC (Continued) **1000908949**

Has the Facility Received Notices of Violations:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	19960619
Actual Return to Compliance Date:	19970624
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19960719
Enforcement Identifier:	001
Date of Enforcement Action:	19960619
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported

C W MUNGO CONTRACTING CO INC (Continued) **1000908949**

Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Manifest
Date Violation was Determined: 19960619
Actual Return to Compliance Date: 19970624
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19960719
Enforcement Identifier: 001
Date of Enforcement Action: 19960619
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

C W MUNGO CONTRACTING CO INC (Continued) **1000908949**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	19960619
Actual Return to Compliance Date:	19970624
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19960719
Enforcement Identifier:	001
Date of Enforcement Action:	19960619
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19960619
Actual Return to Compliance Date:	19970624
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19960719
Enforcement Identifier:	001
Date of Enforcement Action:	19960619
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

C W MUNGO CONTRACTING CO INC (Continued) **1000908949**

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19940817
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19960604
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19970624
Scheduled Compliance Date: 19960719
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19960604
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19970624
Scheduled Compliance Date: 19960719
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported

C W MUNGO CONTRACTING CO INC (Continued) **1000908949**

Former Citation:	Not reported
Evaluation Date:	19960604
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970624
Scheduled Compliance Date:	19960719
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19960604
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19970624
Scheduled Compliance Date:	19960719
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110003565776

Click Here for FRS Facility Detail Report:

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

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

ECHO:

Envid:	1000908949
Registry ID:	110003565776
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110003565776
Name:	C W MUNGO CONTRACTING CO INC
Address:	10610 SHOEMAKER ST
City,State,Zip:	DETROIT, MI 48213

N67 **FORMER GAS STATION** **MI LUST** **S106425852**
WSW **10540 SHOEMAKER ST** **N/A**
1/4-1/2 **DETROIT, MI 48213**
0.323 mi.
1705 ft. **Site 3 of 3 in cluster N**

Relative:
Higher

Actual:
607 ft.

LUST:

Name:	FORMER GAS STATION
Address:	10540 SHOEMAKER ST
City,State,Zip:	DETROIT, MI 48213
Facility ID:	50005341
Source:	14
Owner Name:	Cheaito, Ghassan
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Owner Contact:	Not reported
Owner Phone:	Not reported
Country:	Not reported
District:	Detroit
Site Name:	Former Gas Station
Latitude:	42.38956
Longitude:	-82.99573
Date of Collection:	Not reported
Method of Collection:	The geographic coordinate determination method based on interpolation-map
Accuracy:	15
Accuracy Value Unit:	Not reported
Horizontal Data:	North American Datum of 1983
Point Line Area:	Not reported
Desc Category:	Not reported
Regulatory Program:	Not reported
Risk Condition:	Not reported
Project Manager:	Not reported
Senate District:	Not reported
House District:	Not reported
US Congressional District:	Not reported

Leak Number:	13526
Release Date:	02/28/2001
Substance Released:	Unknown
Release Status:	Closed
Release Closed Date:	11/03/2010

Leak Number:	13526
Release Date:	02/28/2001
Substance Released:	Unknown
Release Status:	Closed
Release Closed Date:	11/03/2010

Leak Number:	13526
Release Date:	02/28/2001
Substance Released:	Unknown
Release Status:	Closed
Release Closed Date:	11/03/2010

Leak Number:	13526
Release Date:	02/28/2001
Substance Released:	Unknown
Release Status:	Closed

FORMER GAS STATION (Continued) **S106425852**

Release Closed Date: 11/03/2010

O68 **10825 HARPER AVENUE** **MI INVENTORY** **S118693612**
NW **10825 HARPER AVE** **N/A**
1/4-1/2 **DETROIT, MI 48213**
0.330 mi.
1743 ft. **Site 1 of 2 in cluster O**

Relative:
Higher

Actual:
609 ft.

INVENTORY:

Name:	10825 HARPER AVENUE
Address:	10825 HARPER AVE
City,State,Zip:	DETROIT, MI 48213
Township:	Not reported
District:	Warren
Data Source:	Risks Present and Require Action in Short-term
Lust Name:	Not reported
Regulatory Program:	201
Release Status:	Not reported
Project Manager:	Tiernan, Gerald
Latitude:	42.39544155
Longitude:	-82.99605098

O69 **PVS TECHNOLOGIES INC** **MI LUST** **U000266672**
NW **10825 HARPER AVE** **MI UST** **N/A**
1/4-1/2 **DETROIT, MI 48213** **MI AIRS**
0.330 mi. **MI WDS**
1743 ft. **Site 2 of 2 in cluster O**

Relative:
Higher

Actual:
609 ft.

LUST:

Name:	PVS TECHNOLOGIES INC
Address:	10825 HARPER AVE
City,State,Zip:	DETROIT, MI 48213
Facility ID:	33676
Source:	Not reported
Owner Name:	Boggs, Eldon
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Owner Contact:	Not reported
Owner Phone:	(734) 487-9140
Country:	Not reported
District:	Detroit
Site Name:	Fruehauf
Latitude:	42.39521
Longitude:	-82.99631
Date of Collection:	Not reported
Method of Collection:	The geographic coordinate determination method based on address matching-house number.
Accuracy:	100
Accuracy Value Unit:	Not reported
Horizontal Data:	North American Datum of 1983
Point Line Area:	Not reported
Desc Category:	Not reported
Regulatory Program:	Not reported
Risk Condition:	Not reported
Project Manager:	Not reported
Senate District:	Not reported
House District:	Not reported

PVS TECHNOLOGIES INC (Continued) **U000266672**

US Congressional District: Not reported

Leak Number: 14899
Release Date: 11/14/1990
Substance Released: Not reported
Release Status: Closed
Release Closed Date: 11/21/1996

Leak Number: C-0510-90
Release Date: 11/14/1990
Substance Released: Not reported
Release Status: Closed
Release Closed Date: 11/21/1996

UST:
Name: PVS TECHNOLOGIES INC
Address: 10825 HARPER AVE
City,State,Zip: DETROIT 48213-3371
Facility Type: CLOSED
Facility ID: 00033676
Owner Name: PVS CHEMICALS
Owner Address: 10900 HARPER AVE
Owner City: DETROIT
Owner State: MI
Owner Zip: 48213-3364
Owner Contact: Not reported
Owner Phone: 3139211200
Contact: Charles Barker
Contact Phone: (313) 506-5643
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: 500
Tank Status: Closed in Ground
Substance: Gasoline
Install Date: Not reported
Remove Date: 09/17/2012
Tank Number: Not reported
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Not reported
Piping Type: Not reported
Tank Construction: Not reported
Impressed Device: Not reported
Latitude: 42.39521
Longitude: -82.99631

Name: PVS TECHNOLOGIES INC
Address: 10825 HARPER AVE
City,State,Zip: DETROIT 48213-3371

PVS TECHNOLOGIES INC (Continued) **U000266672**

Facility Type:	CLOSED
Facility ID:	00033676
Owner Name:	PVS CHEMICALS
Owner Address:	10900 HARPER AVE
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48213-3364
Owner Contact:	Not reported
Owner Phone:	3139211200
Contact:	Charles Barker
Contact Phone:	(313) 506-5643
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:	1000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	04/09/1970
Remove Date:	05/28/1990
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.39521
Longitude:	-82.99631

Name:	PVS TECHNOLOGIES INC
Address:	10825 HARPER AVE
City,State,Zip:	DETROIT 48213-3371
Facility Type:	CLOSED
Facility ID:	00033676
Owner Name:	PVS CHEMICALS
Owner Address:	10900 HARPER AVE
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48213-3364
Owner Contact:	Not reported
Owner Phone:	3139211200
Contact:	Charles Barker
Contact Phone:	(313) 506-5643
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT

PVS TECHNOLOGIES INC (Continued) **U000266672**

Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Region 1 - SE Michigan District Office
Tank ID:	1
Capacity:	20000
Tank Status:	Removed from Ground
Substance:	Diesel
Install Date:	04/09/1960
Remove Date:	05/28/1990
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.39521
Longitude:	-82.99631

AIRS:

Name:	PVS TECHNOLOGIES
Address:	10825 HARPER AVENUE
City,State,Zip:	DETROIT, MI 48213
State Registration Number:	B2371
Naics Code:	Not reported
Contact Email:	mhehn@pvschemicals.com
Contact Name:	MATTHEW HEHN
Contact Phone:	3135711100
Contact Address:	10900 HARPER AVENUE
Contact City,St,Zip:	DETROIT, MI 48213
Permit Number:	152-15
Date Received:	08/11/2015
Application Reason:	LIQUID STORAGE TANKS, REACTORS, AND INTERMEDIATE PROCESS TANKS FOR FERRIC CHLORIDE PRODUCTION
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:	InActive
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

PVS TECHNOLOGIES INC (Continued) **U000266672**

Compliance Area Code:	Not reported
Compliance Phone Number:	Not reported
Emission Inventory Contact Person:	Not reported
EI Contact Area Code:	Not reported
EI Contact Phone Number:	Not reported
Permit Contact Person:	Not reported
Permit Contact Person Area Code:	Not reported
Permit Contact Person Phone Number:	Not reported
Federal Employer Id Number:	Not reported
# Of Employees:	Not reported
Reporting Year:	Not reported
Date Record Was Created:	Not reported

WDS:

Name:	PVS TECHNOLOGIES INC
Address:	10825 HARPER AVE
City,State,Zip:	DETROIT, MI 48213
Site Id:	MID985621804
WMD Id:	406027
Site Specific Name:	PVS TECHNOLOGIES INC
Mailing Address:	12001 LEVAN RD
Mailing City/State/Zip:	48150
Mailing County:	WAYNE

Name:	EMMET COATING SERVICES INC
Address:	10825 HARPER AVE
City,State,Zip:	DETROIT, MI 48213
Site Id:	MIK476775515
WMD Id:	481761
Site Specific Name:	EMMET COATING SERVICES INC
Mailing Address:	ONE CVS DR
Mailing City/State/Zip:	2895
Mailing County:	Not reported

P70 **FORMER JOY PROPERTY** **MI INVENTORY S117977768**
SSE **4819 FAIRVIEW ST** **MI BEA N/A**
1/4-1/2 **DETROIT, MI 48213**
0.336 mi.
1776 ft. **Site 1 of 2 in cluster P**

Relative:
Higher

Actual:
605 ft.

INVENTORY:

Name:	FORMER JOY PROPERTY
Address:	4819 FAIRVIEW ST
City,State,Zip:	DETROIT, MI 48213
Township:	Not reported
District:	Warren
Data Source:	Risks Present and Require Action in Long-term
Lust Name:	Former Joy Property
Regulatory Program:	213
Release Status:	Open
Project Manager:	Moorhead, Steven
Latitude:	42.38501059
Longitude:	-82.9873681

BEA:

Name:	FORMER JOY PROPERTY
Address:	4819 FAIRVIEW ST

FORMER JOY PROPERTY (Continued) **S117977768**

City,State,Zip:	DETROIT, MI 48213
Secondary Address:	Not reported
BEA Number:	Not reported
District:	Not reported
Date Received:	07/14/2015
Submitter Name:	Not reported
Petition Determination:	Not reported
Petition Disclosure:	Not reported
Category:	Not reported
Determination 20107A:	Not reported
Reviewer:	Not reported
Division Assigned:	Not reported
Location ID:	00042641
Submittal Type:	Baseline Environmental Assessment
Submittal Number:	B201506607LV
Approval Status:	RRD Received
Workflow Status:	Submitted
Date Submitted:	2015-07-20 10:54:54
Date Completed:	Not reported
Township:	Not reported
Work Unit:	Warren
Comments:	Records Manager: Box 377, to Lansing on 6/29/17.
Organization:	City of Detroit
Contact:	Bhushan C. Modi
Contact Type:	Submitter Contact
Organization Street Address:	Not reported
Organization City:	Not reported
Organization State:	Not reported
Organization Zip Code:	Not reported
Organization County:	Not reported
Contact Street Address:	Not reported
Contact City:	Not reported
Contact Zip Code:	Not reported
Contact State:	Not reported

P71 **FORMER JOY PROPERTY** **MI LUST** **U004249621**
SSE **4819 FAIRVIEW ST** **MI UST** **N/A**
1/4-1/2 **DETROIT, MI 48213**
0.336 mi.
1776 ft. **Site 2 of 2 in cluster P**

Relative: LUST:
Higher

Actual:
605 ft.

Name:	FORMER JOY PROPERTY
Address:	4819 FAIRVIEW ST
City,State,Zip:	DETROIT, MI 48213
Facility ID:	42641
Source:	24000
Owner Name:	Group Automotive Systems LLC, TI
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Owner Contact:	Not reported
Owner Phone:	Not reported
Country:	Not reported
District:	Detroit
Site Name:	Former Joy Property
Latitude:	42.38501
Longitude:	-82.98736
Date of Collection:	Not reported

FORMER JOY PROPERTY (Continued) **U004249621**

Method of Collection:	The geographic coordinate determination method based on interpolation-photo.
Accuracy:	20
Accuracy Value Unit:	Not reported
Horizontal Data:	North American Datum of 1983
Point Line Area:	Center of a facility or station
Desc Category:	Not reported
Regulatory Program:	Not reported
Risk Condition:	Not reported
Project Manager:	Not reported
Senate District:	Not reported
House District:	Not reported
US Congressional District:	Not reported

Leak Number:	12689
Release Date:	12/22/2015
Substance Released:	Gasoline
Release Status:	Open
Release Closed Date:	Not reported

Leak Number:	C-0207-15
Release Date:	12/22/2015
Substance Released:	Gasoline
Release Status:	Open
Release Closed Date:	Not reported

UST:

Name:	FORMER JOY PROPERTY
Address:	4819 FAIRVIEW ST
City,State,Zip:	DETROIT 48213
Facility Type:	CLOSED
Facility ID:	00042641
Owner Name:	CITY OF DETROIT
Owner Address:	2 WOODWARD AVE SUITE 401
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48226
Owner Contact:	Not reported
Owner Phone:	3134715108
Contact:	Raymond A Scott
Contact Phone:	(313) 471-5108
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported
Method of Collection:	Not reported
District:	Region 1 - SE Michigan District Office
Tank ID:	1
Capacity:	12000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	Not reported
Remove Date:	12/22/2015
Tank Number:	Not reported
Tank Details Compartments:	Not reported

FORMER JOY PROPERTY (Continued) **U004249621**

Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	Not reported
Longitude:	Not reported

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72 **10631 E. WARREN** **MI INVENTORY** **S128642490**
SSW **10631 E. WARREN, & 10641 FENKELL** **N/A**
1/4-1/2 **DETROIT, MI 48213**
0.338 mi.
1783 ft.

Relative:
Higher

Actual:
604 ft.

INVENTORY:

Name:	10631 E. WARREN
Address:	10631 E. WARREN, & 10641 FENKELL
City,State,Zip:	DETROIT, MI 48213
Township:	Detroit
District:	Warren
Data Source:	Risks Not Determined
Lust Name:	Not reported
Regulatory Program:	201
Release Status:	Not reported
Project Manager:	Tiernan, Gerald
Latitude:	42.384852
Longitude:	-82.990827

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73 **DETROIT PESTICIDE PROJECT** **SEMS-ARCHIVE** **1001032362**
South **4700 FRENCH STREET** **MI0001273473**
1/4-1/2 **DETROIT, MI 48214**
0.360 mi.
1903 ft.

Relative:
Higher

Actual:
604 ft.

SEMS Archive:

Site ID:	0507646
EPA ID:	MI0001273473
Name:	DETROIT PESTICIDE PROJECT
Address:	4700 FRENCH STREET
Address 2:	Not reported
City,State,Zip:	DETROIT, MI 48214
Cong District:	15
FIPS Code:	26163
FF:	N
NPL:	Not on the NPL
Non NPL Status:	Referred to Removal - NFRAP

SEMS Archive Detail:

Region:	05
Site ID:	0507646
EPA ID:	MI0001273473
Site Name:	DETROIT PESTICIDE PROJECT
NPL:	N
FF:	N
OU:	00
Action Code:	VS

DETROIT PESTICIDE PROJECT (Continued) **1001032362**

Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	2005-05-31 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse
Region:	05
Site ID:	0507646
EPA ID:	MI0001273473
Site Name:	DETROIT PESTICIDE PROJECT
NPL:	N
FF:	N
OU:	00
Action Code:	AR
Action Name:	ADMIN REC
SEQ:	1
Start Date:	1996-01-11 05:00:00
Finish Date:	2005-05-31 04:00:00
Qual:	V
Current Action Lead:	EPA Perf
Region:	05
Site ID:	0507646
EPA ID:	MI0001273473
Site Name:	DETROIT PESTICIDE PROJECT
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1995-08-21 04:00:00
Finish Date:	1995-08-21 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	05
Site ID:	0507646
EPA ID:	MI0001273473
Site Name:	DETROIT PESTICIDE PROJECT
NPL:	N
FF:	N
OU:	00
Action Code:	RV
Action Name:	RMVL
SEQ:	1
Start Date:	1996-01-16 05:00:00
Finish Date:	1996-04-15 04:00:00
Qual:	C
Current Action Lead:	EPA Perf
Region:	05
Site ID:	0507646
EPA ID:	MI0001273473
Site Name:	DETROIT PESTICIDE PROJECT
NPL:	N

DETROIT PESTICIDE PROJECT (Continued) **1001032362**

FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	Not reported
Finish Date:	1997-08-26 04:00:00
Qual:	N
Current Action Lead:	St Perf

Q74 **L & HM INC.** **MI LUST** **U004362482**
North **11585 HARPER AVE** **MI UST** **N/A**
1/4-1/2 **DETROIT, MI 48213**
0.383 mi.
2022 ft. **Site 1 of 2 in cluster Q**

Relative: **Higher**

Actual: **607 ft.**

LUST:

Name:	HARPER-CONNERS LLC
Address:	11585 HARPER AVE.
City,State,Zip:	DETROIT, MI 48213
Facility ID:	10000504
Source:	24000
Owner Name:	Banas, Joe
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Owner Contact:	Not reported
Owner Phone:	269-569-1527
Country:	Not reported
District:	Detroit
Site Name:	Harper-Conners LLC
Latitude:	42.39801
Longitude:	-82.98797
Date of Collection:	Not reported
Method of Collection:	The geographic coordinate determination method based on interpolation-map
Accuracy:	20
Accuracy Value Unit:	Not reported
Horizontal Data:	North American Datum of 1983
Point Line Area:	Center of a facility or station
Desc Category:	Not reported
Regulatory Program:	Not reported
Risk Condition:	Not reported
Project Manager:	Not reported
Senate District:	Not reported
House District:	Not reported
US Congressional District:	Not reported
Leak Number:	34245
Release Date:	01/11/2022
Substance Released:	Gasoline
Release Status:	Open
Release Closed Date:	Not reported
Leak Number:	34245
Release Date:	01/11/2022
Substance Released:	Gasoline
Release Status:	Open

L & HM INC. (Continued) **U004362482**

Release Closed Date: Not reported

Leak Number: 34245
Release Date: 01/11/2022
Substance Released: Gasoline
Release Status: Open
Release Closed Date: Not reported

UST:

Name:	L & HM INC.
Address:	11585 HARPER AVE
City,State,Zip:	DETROIT, MI 48213
Facility Type:	Not reported
Facility ID:	10000504
Owner Name:	Not reported
Owner Address:	11585 HARPER AVE.
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48213
Owner Contact:	Not reported
Owner Phone:	5866019446
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported
Method of Collection:	Not reported
District:	Not reported
Tank ID:	3
Capacity:	3000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	Not reported
Remove Date:	2022-01-05 00:00:00
Tank Number:	UTK-000003-22
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Name:	L & HM INC.
Address:	11585 HARPER AVE
City,State,Zip:	DETROIT, MI 48213
Facility Type:	Not reported
Facility ID:	10000504
Owner Name:	Not reported
Owner Address:	11585 HARPER AVE.
Owner City:	DETROIT
Owner State:	MI

L & HM INC. (Continued) **U004362482**

Owner Zip:	48213
Owner Contact:	Not reported
Owner Phone:	5866019446
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported
Method of Collection:	Not reported
District:	Not reported
Tank ID:	2
Capacity:	3000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	Not reported
Remove Date:	2022-01-05 00:00:00
Tank Number:	UTK-000002-22
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Name:	L & HM INC.
Address:	11585 HARPER AVE
City,State,Zip:	DETROIT, MI 48213
Facility Type:	Not reported
Facility ID:	10000504
Owner Name:	Not reported
Owner Address:	11585 HARPER AVE.
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48213
Owner Contact:	Not reported
Owner Phone:	5866019446
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported
Method of Collection:	Not reported
District:	Not reported
Tank ID:	1
Capacity:	6000
Tank Status:	Removed from Ground

L & HM INC. (Continued) **U004362482**

Substance:	Gasoline
Install Date:	Not reported
Remove Date:	2022-01-05 00:00:00
Tank Number:	UTK-000001-22
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Q75 **L & HM INC.** **MI INVENTORY** **S128265663**
North **11585 HARPER AVE.** **N/A**
1/4-1/2 **DETROIT, MI 48213**
0.383 mi.
2022 ft. **Site 2 of 2 in cluster Q**

Relative: **Higher**
Actual: **607 ft.**

INVENTORY:

Name:	L & HM INC.
Address:	11585 HARPER AVE.
City,State,Zip:	DETROIT, MI 48213
Township:	Not reported
District:	Warren
Data Source:	Risks Present and Require Action in Long-term
Lust Name:	L & HM Inc.
Regulatory Program:	213
Release Status:	Open
Project Manager:	Moorhead, Steven
Latitude:	42.39801696
Longitude:	-82.98797282

R76 **5250 CONNER STREET - DETROIT** **MI BROWNFIELDS** **S118065824**
East **5250 CONNER ST.** **N/A**
1/4-1/2 **DETROIT, MI**
0.406 mi.
2146 ft. **Site 1 of 3 in cluster R**

Relative: **Lower**
Actual: **601 ft.**

BROWNFIELDS:

Name:	5250 CONNER STREET - DETROIT
Address:	5250 CONNER ST.
City,State,Zip:	DETROIT, MI
Facility ID:	Not reported
Region:	1
Status:	Not reported
Properry Use:	Not reported
BEA:	Not reported
Ernie Id Number:	Not reported
X Coordinate:	Not reported
Y Coordinate:	Not reported
Project Name:	Not reported
Date Year Funded:	Not reported
Total Brownfield Incentives:	Not reported
Approved Amount:	Not reported

5250 CONNER STREET - DETROIT (Continued) **S118065824**

Grant Award Amount:	Not reported
Loan Award Amount:	Not reported
Waterfront Award Amount:	Not reported
Brownfield Site Assessment:	Not reported
Development Type:	Not reported
Prior Use:	Not reported
Contaminants:	Not reported

BROWNFIELDS:

Property Name:	5250 Conner Street
MIB/MID Number:	MIB000000184
Team Leader:	JS
Proposed Redevelopment:	Comm. Education/Rec.
Redevelopment Status:	Proposed 2016
Completed?:	A
Before Photos?:	Y
After Photos?:	Not reported
Jobs Created:	Not reported
Investment:	Not reported
Tax Increase:	Not reported

Property Name:	5250 Conner Street - Detroit
MIB/MID Number:	MIB000000184
Team Leader:	JS
Proposed Redevelopment:	Comm. Education/Rec.
Redevelopment Status:	Proposed 2016
Completed?:	A
Before Photos?:	Y
After Photos?:	Not reported
Jobs Created:	Not reported
Investment:	Not reported
Tax Increase:	Not reported

Name:	5250 CONNER STREET - DETROIT
Address:	5250 CONNER ST.
City,State,Zip:	DETROIT, MI
Facility ID:	Not reported
Region:	1
Status:	Not reported
Properry Use:	Not reported
BEA:	Not reported
Ernie Id Number:	Not reported
X Coordinate:	Not reported
Y Coordinate:	Not reported
Project Name:	Not reported
Date Year Funded:	Not reported
Total Brownfield Incentives:	Not reported
Approved Amount:	Not reported
Grant Award Amount:	Not reported
Loan Award Amount:	Not reported
Waterfront Award Amount:	Not reported
Brownfield Site Assessment:	Not reported
Development Type:	Not reported
Prior Use:	Not reported
Contaminants:	Not reported

BROWNFIELDS:

5250 CONNER STREET - DETROIT (Continued) **S118065824**

Property Name:	5250 Conner Street
MIB/MID Number:	MIB000000184
Team Leader:	JS
Proposed Redevelopment:	Comm. Education/Rec.
Redevelopment Status:	Proposed 2016
Completed?:	A
Before Photos?:	Y
After Photos?:	Not reported
Jobs Created:	Not reported
Investment:	Not reported
Tax Increase:	Not reported

Property Name:	5250 Conner Street - Detroit
MIB/MID Number:	MIB000000184
Team Leader:	JS
Proposed Redevelopment:	Comm. Education/Rec.
Redevelopment Status:	Proposed 2016
Completed?:	A
Before Photos?:	Y
After Photos?:	Not reported
Jobs Created:	Not reported
Investment:	Not reported
Tax Increase:	Not reported

Name:	5250 CONNER STREET - DETROIT
Address:	5250 CONNER ST.
City,State,Zip:	DETROIT, MI
Facility ID:	Not reported
Region:	1
Status:	Not reported
Properry Use:	Not reported
BEA:	Not reported
Ernie Id Number:	Not reported
X Coordinate:	Not reported
Y Coordinate:	Not reported
Project Name:	Not reported
Date Year Funded:	Not reported
Total Brownfield Incentives:	Not reported
Approved Amount:	Not reported
Grant Award Amount:	Not reported
Loan Award Amount:	Not reported
Waterfront Award Amount:	Not reported
Brownfield Site Assessment:	Not reported
Development Type:	Not reported
Prior Use:	Not reported
Contaminants:	Not reported

BROWNFIELDS:

Property Name:	5250 Conner Street
MIB/MID Number:	MIB000000184
Team Leader:	JS
Proposed Redevelopment:	Comm. Education/Rec.
Redevelopment Status:	Proposed 2016
Completed?:	A
Before Photos?:	Y
After Photos?:	Not reported
Jobs Created:	Not reported

5250 CONNER STREET - DETROIT (Continued) **S118065824**

Investment:	Not reported
Tax Increase:	Not reported
Property Name:	5250 Conner Street - Detroit
MIB/MID Number:	MIB000000184
Team Leader:	JS
Proposed Redevelopment:	Comm. Education/Rec.
Redevelopment Status:	Proposed 2016
Completed?:	A
Before Photos?:	Y
After Photos?:	Not reported
Jobs Created:	Not reported
Investment:	Not reported
Tax Increase:	Not reported

R77 **5250 CONNOR DETROIT** **US BROWNFIELDS** **1018119693**
East **5250 CONNOR ST.** **N/A**
1/4-1/2 **DETROIT, MI 48213**
0.406 mi.
2146 ft. **Site 2 of 3 in cluster R**

Relative: **Lower**

Actual: **601 ft.**

US BROWNFIELDS:

Name:	5250 CONNOR DETROIT
Address:	5250 CONNOR ST.
Recipient name:	Michigan Department of Environmental Quality
Grant type:	Section 128(a) State/Tribal
Region:	5
Property Number:	Not reported
Parcel size:	18.5
Latitude:	42.391492
Longitude:	-82.978576
HCM Label:	Address Matching-House Number
Map Scale:	Not reported
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Former housing complex with plans for a school, park, and green infrastructure. Former Use: The property is the location of a former housing complex. All buildings on the property have been demolished.
Datum:	North American Datum of 1983
Acres Property ID:	186566
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	40000
Assessment Funding Source:	EPA
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	US EPA - State & Tribal Section 128(a) Funding
Cleanup Funding Entity:	Not reported
Grant Type:	Hazardous
Accomplishment Type:	Supplemental Assessment
Accomplishment Count:	N

5250 CONNOR DETROIT (Continued) **1018119693**

Cooperative Agreement Number:	96507707
Start Date:	10/1/2014
Ownership Entity:	Government
Completion Date:	3/5/2015
Current Owner:	Local
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	U
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
Contaminant Found:	PAHs
Contaminant Cleanup:	Not reported
Media Affected:	Soil
Media Cleanup:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	18.5
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	6
Future use residential acreage:	Not reported
Future use commercial acreage:	12.5
Future use industrial acreage:	Not reported
Superfund Fed. landowner flag:	Not reported
Future Use: Multistory	Not reported
Past Use: Multistory	Not reported
Property Description:	The property is the location of a former housing complex. All buildings on the property have been demolished.
Below Poverty Number:	992
Below Poverty Percent:	64.42
Meidan Income:	4865
Meidan Income Number:	1294
Meidan Income Percent:	84.03
Vacant Housing Number:	139
Vacant Housing Percent:	21.33
Unemployed Number:	220
Unemployed Percent:	14.29
Name:	5250 CONNOR DETROIT
Address:	5250 CONNOR ST.
Recipient name:	Michigan Department of Environmental Quality
Grant type:	Section 128(a) State/Tribal
Region:	5
Property Number:	Not reported
Parcel size:	18.5
Latitude:	42.391492
Longitude:	-82.978576
HCM Label:	Address Matching-House Number

5250 CONNOR DETROIT (Continued) **1018119693**

Map Scale:	Not reported
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Former housing complex with plans for a school, park, and green infrastructure. Former Use: The property is the location of a former housing complex. All buildings on the property have been demolished.
Datum:	North American Datum of 1983
Acres Property ID:	186566
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
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:	Not reported
Grant Type:	Hazardous
Accomplishment Type:	Not reported
Accomplishment Count:	Not reported
Cooperative Agreement Number:	96507707
Start Date:	Not reported
Ownership Entity:	Government
Completion Date:	Not reported
Current Owner:	Local
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	U
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
Contaminant Found:	PAHs
Contaminant Cleanup:	Not reported
Media Affected:	Soil
Media Cleanup:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	18.5
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	6
Future use residential acreage:	Not reported
Future use commercial acreage:	12.5
Future use industrial acreage:	Not reported

5250 CONNOR DETROIT (Continued) **1018119693**

Superfund Fed. landowner flag:	Not reported
Future Use: Multistory	Not reported
Past Use: Multistory	Not reported
Property Description:	The property is the location of a former housing complex. All buildings on the property have been demolished.
Below Poverty Number:	992
Below Poverty Percent:	64.42
Meidan Income:	4865
Meidan Income Number:	1294
Meidan Income Percent:	84.03
Vacant Housing Number:	139
Vacant Housing Percent:	21.33
Unemployed Number:	220
Unemployed Percent:	14.29
Name:	5250 CONNOR DETROIT
Address:	5250 CONNOR ST.
Recipient name:	Michigan Department of Environmental Quality
Grant type:	Section 128(a) State/Tribal
Region:	5
Property Number:	Not reported
Parcel size:	18.5
Latitude:	42.391492
Longitude:	-82.978576
HCM Label:	Address Matching-House Number
Map Scale:	Not reported
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Former housing complex with plans for a school, park, and green infrastructure. Former Use: The property is the location of a former housing complex. All buildings on the property have been demolished.
Datum:	North American Datum of 1983
Acres Property ID:	186566
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	50000
Assessment Funding Source:	EPA
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	US EPA - State & Tribal Section 128(a) Funding
Cleanup Funding Entity:	Not reported
Grant Type:	Hazardous
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	Y
Cooperative Agreement Number:	96507707
Start Date:	2/10/2014
Ownership Entity:	Government
Completion Date:	9/17/2014
Current Owner:	Local
Did Owner Change:	N
Cleanup Required:	Y

5250 CONNOR DETROIT (Continued) **1018119693**

Video Available:	N
Photo Available:	Y
Institutional Controls Required:	U
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
Contaminant Found:	PAHs
Contaminant Cleanup:	Not reported
Media Affected:	Soil
Media Cleanup:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	18.5
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	6
Future use residential acreage:	Not reported
Future use commercial acreage:	12.5
Future use industrial acreage:	Not reported
Superfund Fed. landowner flag:	Not reported
Future Use: Multistory	Not reported
Past Use: Multistory	Not reported
Property Description:	The property is the location of a former housing complex. All buildings on the property have been demolished.
Below Poverty Number:	992
Below Poverty Percent:	64.42
Meidan Income:	4865
Meidan Income Number:	1294
Meidan Income Percent:	84.03
Vacant Housing Number:	139
Vacant Housing Percent:	21.33
Unemployed Number:	220
Unemployed Percent:	14.29

R78 **5250 CONNER STREET** **MI BROWNFIELDS** **S118065825**
East **5250 CONNER ST.** **N/A**
1/4-1/2 **DETROIT, MI**
0.406 mi.
2146 ft. **Site 3 of 3 in cluster R**

Relative: **Lower**
Actual: **601 ft.**

BROWNFIELDS:

Name:	5250 CONNER STREET
Address:	5250 CONNER ST.
City,State,Zip:	DETROIT, MI
Facility ID:	Not reported
Region:	1
Status:	Not reported
Properry Use:	Not reported
BEA:	Not reported
Ernie Id Number:	Not reported
X Coordinate:	Not reported
Y Coordinate:	Not reported

5250 CONNER STREET (Continued) **S118065825**

Project Name:	Not reported
Date Year Funded:	Not reported
Total Brownfield Incentives:	Not reported
Approved Amount:	Not reported
Grant Award Amount:	Not reported
Loan Award Amount:	Not reported
Waterfront Award Amount:	Not reported
Brownfield Site Assessment:	Not reported
Development Type:	Not reported
Prior Use:	Not reported
Contaminants:	Not reported

BROWNFIELDS:

Property Name:	5250 Conner Street
MIB/MID Number:	MIB000000184
Team Leader:	JS
Proposed Redevelopment:	Comm. Education/Rec.
Redevelopment Status:	Proposed 2016
Completed?:	A
Before Photos?:	Y
After Photos?:	Not reported
Jobs Created:	Not reported
Investment:	Not reported
Tax Increase:	Not reported

Property Name:	5250 Conner Street - Detroit
MIB/MID Number:	MIB000000184
Team Leader:	JS
Proposed Redevelopment:	Comm. Education/Rec.
Redevelopment Status:	Proposed 2016
Completed?:	A
Before Photos?:	Y
After Photos?:	Not reported
Jobs Created:	Not reported
Investment:	Not reported
Tax Increase:	Not reported

Name:	Not reported
Address:	5250 CONNER ST.
City,State,Zip:	DETROIT, MI
Facility ID:	Not reported
Region:	1
Status:	Not reported
Properry Use:	Not reported
BEA:	Not reported
Ernie Id Number:	Not reported
X Coordinate:	-82.976944
Y Coordinate:	42.390833
Project Name:	5250 Conner Street
Date Year Funded:	05/29/2014
Total Brownfield Incentives:	0
Approved Amount:	Not reported
Grant Award Amount:	Not reported
Loan Award Amount:	Not reported
Waterfront Award Amount:	0
Brownfield Site Assessment:	Yes
Development Type:	Comm. Education/Rec.

5250 CONNER STREET (Continued) **S118065825**

Prior Use: Not reported
Contaminants: Not reported

Name: 5250 CONNER STREET
Address: 5250 CONNER ST.
City,State,Zip: DETROIT, MI
Facility ID: Not reported
Region: 1
Status: Not reported
Properry Use: Not reported
BEA: Not reported
Ernie Id Number: Not reported
X Coordinate: Not reported
Y Coordinate: Not reported
Project Name: Not reported
Date Year Funded: Not reported
Total Brownfield Incentives: Not reported
Approved Amount: Not reported
Grant Award Amount: Not reported
Loan Award Amount: Not reported
Waterfront Award Amount: Not reported
Brownfield Site Assessment: Not reported
Development Type: Not reported
Prior Use: Not reported
Contaminants: Not reported

BROWNFIELDS:
Property Name: 5250 Conner Street
MIB/MID Number: MIB000000184
Team Leader: JS
Proposed Redevelopment: Comm. Education/Rec.
Redevelopment Status: Proposed 2016
Completed?: A
Before Photos?: Y
After Photos?: Not reported
Jobs Created: Not reported
Investment: Not reported
Tax Increase: Not reported

Property Name: 5250 Conner Street - Detroit
MIB/MID Number: MIB000000184
Team Leader: JS
Proposed Redevelopment: Comm. Education/Rec.
Redevelopment Status: Proposed 2016
Completed?: A
Before Photos?: Y
After Photos?: Not reported
Jobs Created: Not reported
Investment: Not reported
Tax Increase: Not reported

Name: 5250 CONNER STREET
Address: 5250 CONNER ST.
City,State,Zip: DETROIT, MI
Facility ID: Not reported
Region: 1
Status: Not reported

5250 CONNER STREET (Continued) **S118065825**

Properry Use:	Not reported
BEA:	Not reported
Ernie Id Number:	Not reported
X Coordinate:	Not reported
Y Coordinate:	Not reported
Project Name:	Not reported
Date Year Funded:	Not reported
Total Brownfield Incentives:	Not reported
Approved Amount:	Not reported
Grant Award Amount:	Not reported
Loan Award Amount:	Not reported
Waterfront Award Amount:	Not reported
Brownfield Site Assessment:	Not reported
Development Type:	Not reported
Prior Use:	Not reported
Contaminants:	Not reported

BROWNFIELDS:

Property Name:	5250 Conner Street
MIB/MID Number:	MIB000000184
Team Leader:	JS
Proposed Redevelopment:	Comm. Education/Rec.
Redevelopment Status:	Proposed 2016
Completed?:	A
Before Photos?:	Y
After Photos?:	Not reported
Jobs Created:	Not reported
Investment:	Not reported
Tax Increase:	Not reported

Property Name:	5250 Conner Street - Detroit
MIB/MID Number:	MIB000000184
Team Leader:	JS
Proposed Redevelopment:	Comm. Education/Rec.
Redevelopment Status:	Proposed 2016
Completed?:	A
Before Photos?:	Y
After Photos?:	Not reported
Jobs Created:	Not reported
Investment:	Not reported
Tax Increase:	Not reported

79
WSW
1/4-1/2
0.427 mi.
2252 ft.

Relative:
Higher

Actual:
609 ft.

CARCO INC
10333 SHOEMAKER ST
DETROIT, MI 48213

RCRA-VSQG **1000176578**
MI LUST **MID064173875**
MI UST
FINDS
ECHO
MI WDS

RCRA Listings:

Date Form Received by Agency:	20011231
Handler Name:	Carco Inc
Handler Address:	10333 SHOEMAKER ST
Handler City,State,Zip:	DETROIT, MI 48213
EPA ID:	MID064173875
Contact Name:	PAUL PINCHAK
Contact Address:	10333 SHOEMAKER ST

CARCO INC (Continued) **1000176578**

Contact City,State,Zip:	DETROIT, MI 48213
Contact Telephone:	313-925-9000
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	05
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 13859
Mailing City,State,Zip:	DETROIT, MI 48213
Owner Name:	Carco Inc
Owner Type:	Private
Operator Name:	Carco Inc
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110303
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No

CARCO INC (Continued) **1000176578**

Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

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

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

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

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

CARCO INC (Continued) **1000176578**

Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19881116
Handler Name: CARCO INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20011231
Handler Name: CARCO INC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 32551
NAICS Description: PAINT AND COATING MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

LUST:

Name: CARCO INC
Address: 10333 SHOEMAKER ST
City,State,Zip: DETROIT, MI 48213
Facility ID: 14103
Source: Not reported
Owner Name: Banas, Joe
Owner Address: Not reported
Owner City,St,Zip: Not reported
Owner Contact: Not reported
Owner Phone: 269-569-1527
Country: Not reported
District: Detroit
Site Name: Carco Inc
Latitude: 42.38952

CARCO INC (Continued) **1000176578**

Longitude:	-82.99833
Date of Collection:	Not reported
Method of Collection:	The geographic coordinate determination method based on address matching-house number.
Accuracy:	100
Accuracy Value Unit:	Not reported
Horizontal Data:	North American Datum of 1983
Point Line Area:	Not reported
Desc Category:	Not reported
Regulatory Program:	Not reported
Risk Condition:	Not reported
Project Manager:	Not reported
Senate District:	Not reported
House District:	Not reported
US Congressional District:	Not reported

Leak Number:	26742
Release Date:	07/30/1996
Substance Released:	Not reported
Release Status:	Closed
Release Closed Date:	11/20/1996

Leak Number:	C-0533-96
Release Date:	07/30/1996
Substance Released:	Unknown
Release Status:	Closed
Release Closed Date:	11/20/1996

UST:

Name:	CARCO INC
Address:	10333 SHOEMAKER ST
City,State,Zip:	DETROIT 48213-3313
Facility Type:	CLOSED
Facility ID:	00014103
Owner Name:	CARCO INC
Owner Address:	10333 SHOEMAKER ST
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48213-3313
Owner Contact:	Not reported
Owner Phone:	3139259000
Contact:	PAUL R. PINCHAK
Contact Phone:	(313) 925-9000
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:	1500
Tank Status:	Removed from Ground
Substance:	Hazardous Substance(,MIBK,1),Other(MIBK)
Install Date:	05/08/1976
Remove Date:	04/02/1997

CARCO INC (Continued) **1000176578**

Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.38952
Longitude:	-82.99833

FINDS:
Registry ID: 110003600862

Click Here for FRS Facility Detail Report:

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

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

ECHO:

Envid:	1000176578
Registry ID:	110003600862
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110003600862
Name:	CARCO INC
Address:	10333 SHOEMAKER ST
City,State,Zip:	DETROIT, MI 48213

WDS:

Name:	CARCO INC
Address:	10333 SHOEMAKER ST
City,State,Zip:	DETROIT, MI 48213
Site Id:	MID064173875
WMD Id:	396715
Site Specific Name:	CARCO INC
Mailing Address:	300-400 INDUSTRIAL DR
Mailing City/State/Zip:	48170
Mailing County:	WAYNE

80
NW
1/4-1/2
0.437 mi.
2308 ft.

PVS TECHNOLOGIES INC
6600 FRENCH RD
DETROIT, MI 48213

MI LUST **U001777395**
MI UST **N/A**
MI AUL
MI INVENTORY
MI WDS

Relative:
Higher

Actual:
614 ft.

LUST:

Name:	PVS TECHNOLOGIES INC
Address:	6600 FRENCH RD
City,State,Zip:	DETROIT, MI 48213
Facility ID:	37660
Source:	Not reported

PVS TECHNOLOGIES INC (Continued) **U001777395**

Owner Name:	C Conklin, Christopher
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Owner Contact:	Not reported
Owner Phone:	586-289-0814
Country:	Not reported
District:	Detroit
Site Name:	Pvs Technologies Inc
Latitude:	42.39580
Longitude:	-82.99818
Date of Collection:	Not reported
Method of Collection:	The geographic coordinate determination method based on address matching-house number.
Accuracy:	100
Accuracy Value Unit:	Not reported
Horizontal Data:	North American Datum of 1983
Point Line Area:	Not reported
Desc Category:	Not reported
Regulatory Program:	Not reported
Risk Condition:	Not reported
Project Manager:	Not reported
Senate District:	Not reported
House District:	Not reported
US Congressional District:	Not reported

Leak Number:	25547
Release Date:	10/26/1995
Substance Released:	Not reported
Release Status:	Closed
Release Closed Date:	12/01/1997

Leak Number:	C-1166-95
Release Date:	10/26/1995
Substance Released:	Diesel
Release Status:	Closed
Release Closed Date:	12/01/1997

UST:

Name:	PVS TECHNOLOGIES INC
Address:	6600 FRENCH RD
City,State,Zip:	DETROIT 48213-3200
Facility Type:	CLOSED
Facility ID:	00037660
Owner Name:	PVS TECH INC
Owner Address:	10900 HARPER AVE
Owner City:	DETROIT
Owner State:	MI
Owner Zip:	48213-3364
Owner Contact:	Not reported
Owner Phone:	3135711100
Contact:	MARY SHANK
Contact Phone:	(313) 921-1200
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT

PVS TECHNOLOGIES INC (Continued) **U001777395**

Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Region 1 - SE Michigan District Office
Tank ID:	1
Capacity:	2000
Tank Status:	Removed from Ground
Substance:	Diesel
Install Date:	Not reported
Remove Date:	10/26/1995
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.39580
Longitude:	-82.99818

AUL:

Name:	PVS TEHNOLOGIES INC
Address:	6600 FRENCH ROAD
City,State,Zip:	DETROIT, MI 48213
Status:	Recorded
Site Name:	Not reported
Property:	PVS Tehnologies Inc
Land Use Restriction Type:	RC
Program Type:	Part 213
Program Support Assigned User:	Nicholas Swartz
Program Support Assigned Date:	06/25/2009
Legal Description Of Property:	Migrated
Based On The Deq Ref #:	11121304579
MDEQ Reference Number:	RC-RRD-213-04-579
Property Or Description Restricted Area:	Migrated
Lead Division:	STD
File Name Of Hyperlinked Legal Doc:	U:\\kermit\\11121304579.pdf
Mapped Polygons Area In Acres:	1.6035999999999999
Mapped Polygons Area In Square Miles:	0.0025
Date Data Entry Started:	06/25/2009
Date Data Entry Finished:	06/25/2009
Individual Or Staff Assoc With The Mapping:	Nicholas Swartz
Program Used To Map Restricted Features:	ArcInfo 9.3 and IcoMap 4.2
Date Legal Paperwork Stamped/Filed/Register Of Deeds:	07/16/1997
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:	1
Groundwater Consumption Restrictions:	0
Groundwater Contact Restrictions:	0
Special Well Construction Requirements:	0
Special Building Restrictions:	0

PVS TECHNOLOGIES INC (Continued) **U001777395**

Excavation And Soil Movement Restrictions:	0
Soil Movement Requirements:	1
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:	1
There Is A Permanent Marker On The Site:	1
Comment:	Request received on 8/4/2004
Map Comments:	Land restriction has not been mapped in kermit as of January 10, 2008. LUR is mapped in KERMIT as of 20090625. Polygon also applies to KERMIT ID 12121304234. - Nick Swartz

Name:	PVS TECHNOLOGIES INC
Address:	6600 FRENCH ROAD
City,State,Zip:	DETROIT CITY, MI 48213
Status:	Recorded
Site Name:	Not reported
Property:	PVS Technologies Inc
Land Use Restriction Type:	NCA
Program Type:	Part 213
Program Support Assigned User:	Nicholas Swartz
Program Support Assigned Date:	07/28/2009
Legal Description Of Property:	Migrated
Based On The Deq Ref #:	12121304234
MDEQ Reference Number:	NCA-RRD-213-04-234
Property Or Description Restricted Area:	Migrated
Lead Division:	STD
File Name Of Hyperlinked Legal Doc:	U:\\kermit\\12121304234.pdf
Mapped Polygons Area In Acres:	1.6035999999999999
Mapped Polygons Area In Square Miles:	0.0025
Date Data Entry Started:	07/28/2009
Date Data Entry Finished:	07/28/2009
Individual Or Staff Assoc With The Mapping:	Nicholas Swartz
Program Used To Map Restricted Features:	ArcInfo 9.3 and IcoMap 4.2
Date Legal Paperwork Stamped/Filed/Register Of Deeds:	07/16/1997
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:	1
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:	Request received on 8/4/2004
Map Comments:	Land restriction has not been mapped in kermit as of February 14,

PVS TECHNOLOGIES INC (Continued) **U001777395**

2008. LUR is mapped in KERMIT as of 20090728. Mapped as KERMIT ID 11121304579. - Nick Swartz

INVENTORY:

Name:	PVS TECHNOLOGIES INC
Address:	6600 FRENCH RD
City,State,Zip:	DETROIT, MI 48213
Township:	Detroit
District:	Warren
Data Source:	Risk Controlled
Lust Name:	Pvs Technologies Inc
Regulatory Program:	213
Release Status:	Closed
Project Manager:	Thornton, Patricia
Latitude:	42.395809
Longitude:	-82.998181

WDS:

Name:	PVS TECHNOLOGY
Address:	6600 FRENCH RD
City,State,Zip:	DETROIT, MI 48213
Site Id:	MIG000043742
WMD Id:	441497
Site Specific Name:	PVS TECHNOLOGY
Mailing Address:	100 GRANGE RD
Mailing City/State/Zip:	48192
Mailing County:	WAYNE

81
ESE
1/4-1/2
0.441 mi.
2330 ft.

Relative:
Lower

Actual:
598 ft.

FIRESTONE SVC CTR
11919 E WARREN AVE
DETROIT, MI 48214

MI LUST **1000844532**
MI UST **MID985665660**
RCRA NonGen / NLR
FINDS
ECHO
NY MANIFEST
MI WDS

LUST:

Name:	FIRESTONE STORE #2535/015318
Address:	11919 E WARREN AVE
City,State,Zip:	DETROIT, MI 48214
Facility ID:	7815
Source:	Not reported
Owner Name:	A & Maryellen Harmon, Wm
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Owner Contact:	Not reported
Owner Phone:	Not reported
Country:	Not reported
District:	Detroit
Site Name:	Firestone Mastercare
Latitude:	42.38895
Longitude:	-82.97935
Date of Collection:	Not reported
Method of Collection:	The geographic coordinate determination method based on address matching-house number.
Accuracy:	100
Accuracy Value Unit:	Not reported

FIRESTONE SVC CTR (Continued) **1000844532**

Horizontal Data:	North American Datum of 1983
Point Line Area:	Not reported
Desc Category:	Not reported
Regulatory Program:	Not reported
Risk Condition:	Not reported
Project Manager:	Not reported
Senate District:	Not reported
House District:	Not reported
US Congressional District:	Not reported

Leak Number:	22391
Release Date:	07/22/1993
Substance Released:	Not reported
Release Status:	Closed
Release Closed Date:	04/15/1994

Leak Number:	C-0910-93
Release Date:	07/22/1993
Substance Released:	Used Oil
Release Status:	Closed
Release Closed Date:	04/15/1994

UST:

Name:	FIRESTONE STORE #2535/015318
Address:	11919 E WARREN AVE
City,State,Zip:	DETROIT 48214-1641
Facility Type:	CLOSED
Facility ID:	00007815
Owner Name:	ALAN T AKERMAN
Owner Address:	1344 WILLOW LN
Owner City:	BIRMINGHAM
Owner State:	MI
Owner Zip:	48009-4838
Owner Contact:	Not reported
Owner Phone:	Not reported
Contact:	JEFF WEBB
Contact Phone:	(313) 925-9500
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:	Used Oil
Install Date:	03/24/1981
Remove Date:	07/14/1993
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported

FIRESTONE SVC CTR (Continued) **1000844532**

Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.38895
Longitude:	-82.97935

RCRA Listings:

Date Form Received by Agency:	19980917
Handler Name:	Firestone Svc Ctr
Handler Address:	11919 E WARREN AVE
Handler City,State,Zip:	DETROIT, MI 48214
EPA ID:	MID985665660
Contact Name:	JEFF WEBB
Contact Address:	11919 E WARREN AVE
Contact City,State,Zip:	DETROIT, MI 48214
Contact Telephone:	313-925-9500
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	05
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	11919 E WARREN AVE
Mailing City,State,Zip:	DETROIT, MI 48214
Owner Name:	Bridgestone Firestone
Owner Type:	Private
Operator Name:	Bridgestone Firestone
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No

FIRESTONE SVC CTR (Continued) **1000844532**

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

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

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

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

Owner/Operator Indicator:	Operator
Owner/Operator Name: BRIDGESTONE FIRESTONE	
Legal Status:	Private
Date Became Current:	19700101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported

FIRESTONE SVC CTR (Continued) **1000844532**

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

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

Historic Generators:
Receive Date: 19980917
Handler Name: FIRESTONE SVC CTR
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19930823
Handler Name: FIRESTONE SVC CTR
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 11131
NAICS Description: ORANGE GROVES

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

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110003685450

FIRESTONE SVC CTR (Continued) **1000844532**

Click Here for FRS Facility Detail Report:

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

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

ECHO:

Envid:	1000844532
Registry ID:	110003685450
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110003685450
Name:	FIRESTONE SVC CTR
Address:	11919 E WARREN AVE
City,State,Zip:	DETROIT, MI 48214

NY MANIFEST:

Name:	FIRESTONE SERVICE CTR
Address:	11919 E WARREN AVE
City,State,Zip:	DETROIT, MI 48214
Country:	USA
EPA ID:	MID985665660
Facility Status:	Not reported
Location Address 1:	11919 E WARREN AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	DETROIT
Location State:	MI
Location Zip:	48214
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	MID985665660
Mailing Name:	FIRESTONE SERVICE CTR
Mailing Contact:	LEE EVANS
Mailing Address 1:	11919 E WARREN AVE
Mailing Address 2:	Not reported
Mailing City:	DETROIT
Mailing State:	MI
Mailing Zip:	48214
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	3034274567

WDS:

Name:	FIRESTONE SVC CTR
Address:	11919 E WARREN AVE
City,State,Zip:	DETROIT, MI 48214
Site Id:	MID985665660
WMD Id:	409096

FIRESTONE SVC CTR (Continued) **1000844532**

Site Specific Name: FIRESTONE SVC CTR
Mailing Address: 11919 E WARREN AVE
Mailing City/State/Zip: 48214
Mailing County: WAYNE

82
NW
1/2-1
0.580 mi.
3060 ft.

SUN UP SUN DOWN AUTO PARTS
10586 KNODELL
DETROIT, MI 48213

MI BROWNFIELDS **S107135860**
MI PART 201 **N/A**
MI INVENTORY
MI WDS

Relative:
Higher

Actual:
613 ft.

BROWNFIELDS:
Name: SUNUP SUNDOWN AUTO PARTS
Address: 10586 KNODELL
City,State,Zip: DETROIT, MI
Facility ID: Not reported
Region: 1
Status: Not reported
Properry Use: Not reported
BEA: No
Ernie Id Number: 82001671
X Coordinate: Not reported
Y Coordinate: Not reported
Project Name: Not reported
Date Year Funded: Not reported
Total Brownfield Incentives: Not reported
Approved Amount: Not reported
Grant Award Amount: Not reported
Loan Award Amount: Not reported
Waterfront Award Amount: Not reported
Brownfield Site Assessment: Not reported
Development Type: Not reported
Prior Use: Not reported
Contaminants: Not reported

PART 201:
Facility ID: 82001671
Facility Status: **Remedial Action in Progress (may incl. use restrictions, O&M and/or monitoring)**
Source: Auto Dealer & Service Stations
SAM Score: 21
SAM Score Date: 05/11/2004
Township: Not reported
Range: Not reported
Section: Not reported
Quarter: Not reported
Quarter/Quarter: Not reported
Pollutants: Not reported

INVENTORY:
Name: SUN UP SUN DOWN AUTO PARTS
Address: 10586 KNODELL
City,State,Zip: DETROIT, MI 48213
Township: Detroit
District: Warren
Data Source: Risks Controlled-Interim
Lust Name: Not reported

SUN UP SUN DOWN AUTO PARTS (Continued) **S107135860**

Regulatory Program:	201
Release Status:	Not reported
Project Manager:	Unassigned, Southeast MI
Latitude:	42.399477
Longitude:	-82.998691

WDS:

Name:	MI DEPT/NATURAL RESOURCES AND ENVIRONMENT
Address:	10586 KNODELL
City,State,Zip:	DETROIT, MI 48213
Site Id:	MIK299567719
WMD Id:	415116
Site Specific Name:	REMEDIATION & REDEVELOPMENT DIV/SUNUP-SUNDOWN
Mailing Address:	31975 BLOCK ST
Mailing City/State/Zip:	48135
Mailing County:	WAYNE

83
NNW
1/2-1
0.676 mi.
3570 ft.

AIRPORT TRAILER PARK - FORMER
10640 GRATIOT AVENUE
DETROIT, MI 48213

MI BROWNFIELDS **S103594621**
MI PART 201 **N/A**
MI INVENTORY
MI ASBESTOS
MI BEA

Relative:
Higher

Actual:
615 ft.

BROWNFIELDS:

Name:	GRATIOT TRAILER PARK
Address:	10640 GRATIOT AVE.
City,State,Zip:	DETROIT, MI
Facility ID:	Not reported
Region:	1
Status:	Not reported
Properry Use:	Not reported
BEA:	Not reported
Ernie Id Number:	Not reported
X Coordinate:	Not reported
Y Coordinate:	Not reported
Project Name:	Not reported
Date Year Funded:	Not reported
Total Brownfield Incentives:	Not reported
Approved Amount:	Not reported
Grant Award Amount:	Not reported
Loan Award Amount:	Not reported
Waterfront Award Amount:	Not reported
Brownfield Site Assessment:	Not reported
Development Type:	Not reported
Prior Use:	Not reported
Contaminants:	Not reported

BROWNFIELDS:

Property Name:	Gratiot Trailer Park
MIB/MID Number:	MIB000000021
Team Leader:	MS
Proposed Redevelopment:	Commercial
Redevelopment Status:	Bank of America built on front of property
Completed?:	Y
Before Photos?:	Y
After Photos?:	Y
Jobs Created:	10
Investment:	$1,500,000

AIRPORT TRAILER PARK - FORMER (Continued) **S103594621**

Tax Increase: 10,000

Name: Not reported
Address: 10640 GRATIOT AVE.
City,State,Zip: DETROIT, MI
Facility ID: Not reported
Region: 1
Status: Not reported
Properry Use: Not reported
BEA: Not reported
Ernie Id Number: Not reported
X Coordinate: -82.996944
Y Coordinate: 42.401944
Project Name: Gratiot Trailer Park
Date Year Funded: 06/05/1998
Total Brownfield Incentives: 0
Approved Amount: Not reported
Grant Award Amount: Not reported
Loan Award Amount: Not reported
Waterfront Award Amount: 0
Brownfield Site Assessment: Yes
Development Type: Commercial
Prior Use: Not reported
Contaminants: Not reported

Name: GRATIOT TRAILER PARK
Address: 10640 GRATIOT AVE.
City,State,Zip: DETROIT, MI
Facility ID: Not reported
Region: 1
Status: Not reported
Properry Use: Not reported
BEA: Not reported
Ernie Id Number: Not reported
X Coordinate: Not reported
Y Coordinate: Not reported
Project Name: Not reported
Date Year Funded: Not reported
Total Brownfield Incentives: Not reported
Approved Amount: Not reported
Grant Award Amount: Not reported
Loan Award Amount: Not reported
Waterfront Award Amount: Not reported
Brownfield Site Assessment: Not reported
Development Type: Not reported
Prior Use: Not reported
Contaminants: Not reported

BROWNFIELDS:
Property Name: Gratiot Trailer Park
MIB/MID Number: MIB000000021
Team Leader: MS
Proposed Redevelopment: Commercial
Redevelopment Status: Bank of America built on front of property
Completed?: Y
Before Photos?: Y
After Photos?: Y

AIRPORT TRAILER PARK - FORMER (Continued) **S103594621**

Jobs Created:	10
Investment:	$1,500,000
Tax Increase:	10,000

Name:	GRATIOT TRAILER PARK
Address:	10640 GRATIOT AVE.
City,State,Zip:	DETROIT, MI
Facility ID:	Not reported
Region:	1
Status:	Not reported
Properry Use:	Not reported
BEA:	Not reported
Ernie Id Number:	Not reported
X Coordinate:	Not reported
Y Coordinate:	Not reported
Project Name:	Not reported
Date Year Funded:	Not reported
Total Brownfield Incentives:	Not reported
Approved Amount:	Not reported
Grant Award Amount:	Not reported
Loan Award Amount:	Not reported
Waterfront Award Amount:	Not reported
Brownfield Site Assessment:	Not reported
Development Type:	Not reported
Prior Use:	Not reported
Contaminants:	Not reported

BROWNFIELDS:

Property Name:	Gratiot Trailer Park
MIB/MID Number:	MIB000000021
Team Leader:	MS
Proposed Redevelopment:	Commercial
Redevelopment Status:	Bank of America built on front of property
Completed?:	Y
Before Photos?:	Y
After Photos?:	Y
Jobs Created:	10
Investment:	$1,500,000
Tax Increase:	10,000

PART 201:

Facility ID:	82001628
Facility Status:	**Interim Response in progress**
Source:	Hotels & Other Lodging Places
SAM Score:	17
SAM Score Date:	11/12/2004
Township:	01S
Range:	12E
Section:	Not reported
Quarter:	Not reported
Quarter/Quarter:	Not reported
Pollutants:	Pb

INVENTORY:

Name:	AIRPORT TRAILER PARK - FORMER

AIRPORT TRAILER PARK - FORMER (Continued) **S103594621**

Address:	10640 GRATIOT AVENUE
City,State,Zip:	DETROIT, MI 48213
Township:	Not reported
District:	Warren
Data Source:	Risks Present and Require Action in Short-term
Lust Name:	Not reported
Regulatory Program:	201
Release Status:	Not reported
Project Manager:	Unassigned, Southeast MI
Latitude:	42.40103108
Longitude:	-82.99608687

ASBESTOS:

Notification ID:	151836
Name:	BATH HOUSE BUILDING (FORMER)
Address:	10640 GRATIOT AVENUE
City,State,Zip:	DETROIT, MI 48213
Contractor Name:	City Abatement Services, LLC
Project Number:	Not reported
Notification Type and Date:	Regular 03/31/2021
Start Date:	04/14/2021
End Date:	04/30/2021
Linear Feet:	110
Square Feet:	1200

BEA:

Name:	AIRPORT TRAILER PARK - FORMER
Address:	10640 GRATIOT AVENUE
City,State,Zip:	DETROIT, MI 48213
Secondary Address:	Not reported
BEA Number:	Not reported
District:	Not reported
Date Received:	02/10/2020
Submitter Name:	Not reported
Petition Determination:	Not reported
Petition Disclosure:	Not reported
Category:	Not reported
Determination 20107A:	Not reported
Reviewer:	Not reported
Division Assigned:	Not reported
Location ID:	82001628
Submittal Type:	Baseline Environmental Assessment
Submittal Number:	82001628-BEA-1
Approval Status:	RRD Received
Workflow Status:	Submitted
Date Submitted:	2020-02-13 10:53:10
Date Completed:	10/7/2019
Township:	Not reported
Work Unit:	Warren
Comments:	Not reported
Organization:	10640 Gratiot Avenue Associates, LLC, a Michigan limited liability company
Contact:	Schonberg, Edward
Contact Type:	Owner/Operator
Organization Street Address:	Not reported
Organization City:	Not reported

AIRPORT TRAILER PARK - FORMER (Continued) **S103594621**

Organization State:	Not reported
Organization Zip Code:	Not reported
Organization County:	Not reported
Contact Street Address:	Not reported
Contact City:	Not reported
Contact Zip Code:	Not reported
Contact State:	Not reported

Count: 0 records. ORPHAN SUMMARY

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

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

Date of Government Version: 01/25/2023
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 25

Source: EPA
Telephone: N/A
Last EDR Contact: 05/02/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 01/25/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 05/02/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

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

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

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 01/25/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 05/02/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 12/20/2022
Date Data Arrived at EDR: 12/21/2022
Date Made Active in Reports: 03/10/2023
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 03/28/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

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

Date of Government Version: 01/25/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 26

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 05/02/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

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

Date of Government Version: 01/25/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 26

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 05/02/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

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

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

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 07/03/2023
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: 02/08/2023
Date Data Arrived at EDR: 02/09/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 82

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/03/2023
Next Scheduled EDR Contact: 08/21/2023
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: 02/20/2023
Date Data Arrived at EDR: 02/21/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 70

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/21/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

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

Date of Government Version: 02/20/2023
Date Data Arrived at EDR: 02/21/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 70

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/21/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 12/12/2022
Date Data Arrived at EDR: 12/14/2022
Date Made Active in Reports: 12/19/2022
Number of Days to Update: 5

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 03/21/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

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

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

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

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-284-5103
Last EDR Contact: 04/13/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: No Update Planned

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: Solid Waste Facilities Database

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

Date of Government Version: 12/15/2022
Date Data Arrived at EDR: 12/15/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 78

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-335-4035
Last EDR Contact: 03/21/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Semi-Annually

Lists of state and tribal leaking storage tanks

LUST: Leaking Underground Storage Tank Sites

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

Date of Government Version: 02/13/2023
Date Data Arrived at EDR: 02/14/2023
Date Made Active in Reports: 05/09/2023
Number of Days to Update: 84

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-373-9837
Last EDR Contact: 05/03/2023
Next Scheduled EDR Contact: 08/21/2023
Data Release Frequency: Annually

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

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

Date of Government Version: 10/14/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
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: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 05/08/2023
Next Scheduled EDR Contact: 07/31/2023
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: 10/14/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
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: 11/26/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

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

Date of Government Version: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 134

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
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: 10/19/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

Lists of state and tribal registered storage tanks

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 10/14/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 02/01/2022
Number of Days to Update: 88
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 03/29/2023
Next Scheduled EDR Contact: 07/17/2023
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: 11/30/2022
Date Data Arrived at EDR: 02/08/2023
Date Made Active in Reports: 04/27/2023
Number of Days to Update: 78
Source: Department of Licensing & Regulatory Affairs
Telephone: 517-373-1820
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 08/21/2023
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: 01/28/2022
Date Data Arrived at EDR: 02/01/2022
Date Made Active in Reports: 04/25/2022
Number of Days to Update: 83
Source: Department of Licensing & Regulatory Affairs
Telephone: 517-373-1820
Last EDR Contact: 04/12/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Varies

AST: Aboveground Tanks
Registered Aboveground Storage Tanks.

Date of Government Version: 02/02/2023
Date Data Arrived at EDR: 02/09/2023
Date Made Active in Reports: 04/27/2023
Number of Days to Update: 77
Source: Department of Licensing & Regulatory Affairs
Telephone: 517-373-1820
Last EDR Contact: 05/03/2023
Next Scheduled EDR Contact: 08/21/2023
Data Release Frequency: No Update Planned

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: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 134
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
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: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87
Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
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: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
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: 10/14/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/19/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/14/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
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: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

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

Date of Government Version: 02/22/2023
Date Data Arrived at EDR: 02/23/2023
Date Made Active in Reports: 05/11/2023
Number of Days to Update: 77

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-373-4828
Last EDR Contact: 02/15/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Quarterly

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 03/17/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

Lists of state and tribal brownfield sites

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

Date of Government Version: 08/25/2022
Date Data Arrived at EDR: 10/18/2022
Date Made Active in Reports: 01/04/2023
Number of Days to Update: 78

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-373-4805
Last EDR Contact: 04/17/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

BROWNFIELDS 2: Brownfields Building and Land Site Locations
A listing of brownfield building and land site locations. The listing is a collaborative effort of Michigan Economic Development Corporation, Michigan Economic Developers Association, Detrot Edison, Detroit Area Commercial Board of Realtors

Date of Government Version: 01/17/2023
Date Data Arrived at EDR: 01/26/2023
Date Made Active in Reports: 04/12/2023
Number of Days to Update: 76

Source: Economic Development Corporation
Telephone: 888-522-0103
Last EDR Contact: 04/17/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Date of Government Version: 04/06/2023
Date Data Arrived at EDR: 04/13/2023
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 04/06/2023
Next Scheduled EDR Contact: 06/26/2023
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: 03/18/2022
Date Data Arrived at EDR: 03/21/2022
Date Made Active in Reports: 06/16/2022
Number of Days to Update: 87

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-241-5719
Last EDR Contact: 03/17/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Varies

HIST LF: Inactive Solid Waste Facilities
The database contains historical information and is no longer updated.

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

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

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

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

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 04/19/2023
Next Scheduled EDR Contact: 08/07/2023
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: 04/12/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

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

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 04/27/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 01/06/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 8

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/02/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: No Update Planned

PART 201: Part 201 Site List

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

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

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

INVENTORY: Inventory of Facilities

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

Date of Government Version: 01/17/2023
Date Data Arrived at EDR: 01/18/2023
Date Made Active in Reports: 04/06/2023
Number of Days to Update: 78

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-284-5136
Last EDR Contact: 04/18/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Quarterly

CDL: Clandestine Drug Lab Listing

A listing of clandestine drug lab locations.

Date of Government Version: 04/28/2023
Date Data Arrived at EDR: 05/03/2023
Date Made Active in Reports: 05/10/2023
Number of Days to Update: 7

Source: Department of Community Health
Telephone: 517-373-3740
Last EDR Contact: 04/13/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: No Update Planned

DEL PART 201: Delisted List of Contaminated Sites

A deleted site has been removed from the Part 201 List because information known to the DEQ at the time of the evaluation does not support inclusion on the Part 201 List. This designation is often applied to sites where changes in cleanup criteria resulted in a determination that the site no longer exceeds any applicable cleanup criterion. A delisted site has been removed from the Part 201 List because response actions have reduced the levels of contaminants to concentrations which meet or are below the criteria for unrestricted residential use.

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

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

US CDL: Clandestine Drug Labs

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

Date of Government Version: 01/06/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 8

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/02/2023
Next Scheduled EDR Contact: 06/05/2023
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: 01/09/2023
Date Data Arrived at EDR: 01/10/2023
Date Made Active in Reports: 03/27/2023
Number of Days to Update: 76

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-241-7603
Last EDR Contact: 04/12/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 01/25/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 05/02/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 12/13/2022
Date Data Arrived at EDR: 12/14/2022
Date Made Active in Reports: 03/10/2023
Number of Days to Update: 86

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/21/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

PEAS: Pollution Emergency Alerting System

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

Date of Government Version: 12/14/2022
Date Data Arrived at EDR: 01/18/2023
Date Made Active in Reports: 04/10/2023
Number of Days to Update: 82

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-373-8427
Last EDR Contact: 04/20/2023
Next Scheduled EDR Contact: 07/31/2023
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: 03/06/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 07/03/2023
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: 02/01/2023
Date Data Arrived at EDR: 02/14/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 77

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 02/14/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/11/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/03/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/11/2023
Next Scheduled EDR Contact: 08/21/2023
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 12/13/2022
Date Data Arrived at EDR: 12/14/2022
Date Made Active in Reports: 03/10/2023
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 03/21/2023
Next Scheduled EDR Contact: 07/03/2023
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: 05/01/2023
Next Scheduled EDR Contact: 08/14/2023
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: 05/04/2023
Next Scheduled EDR Contact: 08/14/2023
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: 12/31/2020
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 283

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/13/2023
Next Scheduled EDR Contact: 06/26/2023
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 02/16/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 75

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/16/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 01/17/2023
Date Data Arrived at EDR: 01/18/2023
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 91

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/18/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Annually

ROD: Records Of Decision

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

Date of Government Version: 01/25/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 26

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 05/02/2023
Next Scheduled EDR Contact: 06/12/2023
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: 04/27/2022
Date Data Arrived at EDR: 05/04/2022
Date Made Active in Reports: 05/10/2022
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/13/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

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

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

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 10/27/2022
Date Data Arrived at EDR: 11/01/2022
Date Made Active in Reports: 11/15/2022
Number of Days to Update: 14

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 05/02/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Quarterly

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

Date of Government Version: 11/03/2022
Date Data Arrived at EDR: 01/04/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 89

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/04/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Annually

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

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 03/29/2023
Next Scheduled EDR Contact: 07/17/2023
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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

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

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

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

Date of Government Version: 10/26/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 12/05/2022
Number of Days to Update: 13

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 04/13/2023
Next Scheduled EDR Contact: 07/31/2023
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: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 84
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 03/03/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 02/27/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 05/04/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Varies

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

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 03/23/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Quarterly

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

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

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

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

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

DOT OPS: Incident and Accident Data

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

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

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 01/12/2023
Date Made Active in Reports: 04/07/2023
Number of Days to Update: 85

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/03/2023
Next Scheduled EDR Contact: 07/17/2023
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: 12/31/2021
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

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

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

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/06/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

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

Date of Government Version: 07/26/2021
Date Data Arrived at EDR: 07/27/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 04/26/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/10/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/25/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 05/02/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

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

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

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

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

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

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

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

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

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

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

MINES VIOLATIONS: MSHA Violation Assessment Data

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

Date of Government Version: 02/27/2023
Date Data Arrived at EDR: 03/01/2023
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 23

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 04/04/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

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

Date of Government Version: 11/07/2022
Date Data Arrived at EDR: 11/17/2022
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 85

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 02/22/2023
Next Scheduled EDR Contact: 06/05/2023
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.

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

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/24/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

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

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

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/24/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

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

Date of Government Version: 12/20/2022
Date Data Arrived at EDR: 12/20/2022
Date Made Active in Reports: 03/10/2023
Number of Days to Update: 80

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 03/16/2023
Next Scheduled EDR Contact: 06/19/2023
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: 02/02/2023
Date Data Arrived at EDR: 02/28/2023
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 24

Source: EPA
Telephone: (312) 353-2000
Last EDR Contact: 02/28/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 11/09/2021
Date Data Arrived at EDR: 10/20/2022
Date Made Active in Reports: 01/10/2023
Number of Days to Update: 82

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 04/27/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

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

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

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 02/24/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 01/01/2023
Date Data Arrived at EDR: 01/04/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 03/31/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Quarterly

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: 02/13/2023
Date Data Arrived at EDR: 02/14/2023
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 64

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 02/14/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 02/23/2022
Date Data Arrived at EDR: 07/08/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 123

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 04/04/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/07/2023
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 01/03/2022
Date Data Arrived at EDR: 03/31/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 222

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 04/20/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/07/2023
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS ECHO FIRE TRAINING: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facilitys name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS PART 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration?s document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 04/27/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/27/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS: PFAS Contaminated Sites Listing

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

Date of Government Version: 03/28/2023
Date Data Arrived at EDR: 04/12/2023
Date Made Active in Reports: 04/27/2023
Number of Days to Update: 15

Source: Department of Environment, Great Lakes & Energy
Telephone: 517-284-9278
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 08/21/2023
Data Release Frequency: Varies

AIRS: Permit and Emissions Inventory Data

Permit and emissions inventory data.

Date of Government Version: 12/07/2022
Date Data Arrived at EDR: 12/12/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 81

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-373-7074
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 06/26/2023
Data Release Frequency: Annually

ASBESTOS: Asbestos Notification Listing
Asbestos

Date of Government Version: 01/31/2023
Date Data Arrived at EDR: 02/09/2023
Date Made Active in Reports: 03/02/2023
Number of Days to Update: 21

Source: Department of Licensing & Regulatory Affairs
Telephone: 517-284-7699
Last EDR Contact: 04/03/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Quarterly

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

Date of Government Version: 04/13/2023
Date Data Arrived at EDR: 04/13/2023
Date Made Active in Reports: 04/26/2023
Number of Days to Update: 13

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-373-9541
Last EDR Contact: 05/03/2023
Next Scheduled EDR Contact: 08/21/2023
Data Release Frequency: No Update Planned

COAL ASH: Coal Ash Disposal Sites
Coal fired power plants in Southeast Michigan that have coal ash handling on site.

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

Source: Department of Environment, Great Lakes, and Energy
Telephone: 586-753-3754
Last EDR Contact: 03/23/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Varies

DRYCLEANERS: Drycleaning Establishments
A listing of drycleaning facilities in Michigan.

Date of Government Version: 07/11/2022
Date Data Arrived at EDR: 07/14/2022
Date Made Active in Reports: 09/22/2022
Number of Days to Update: 70

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-335-4586
Last EDR Contact: 04/14/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Quarterly

Financial Assurance 1: Financial Assurance Information Listing
Financial assurance information.

Date of Government Version: 12/20/2022
Date Data Arrived at EDR: 01/04/2023
Date Made Active in Reports: 03/21/2023
Number of Days to Update: 76

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-335-6610
Last EDR Contact: 03/23/2023
Next Scheduled EDR Contact: 07/10/2023
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: 12/06/2022
Date Data Arrived at EDR: 12/09/2022
Date Made Active in Reports: 03/02/2023
Number of Days to Update: 83

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-335-4034
Last EDR Contact: 03/17/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Varies

FINANCIAL ASSURANCE 3: Financial Assurance Information Listing
Financial assurance information for underground storage tank facilities.

Date of Government Version: 01/09/2023
Date Data Arrived at EDR: 01/31/2023
Date Made Active in Reports: 04/13/2023
Number of Days to Update: 72
Source: Department of Licensing & Regulatory Affairs
Telephone: 517-335-7279
Last EDR Contact: 04/12/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Varies

LEAD CERT: Lead Safe Housing Registry
A listing of Michigan properties included in the Lead Safe Housing Registry.

Date of Government Version: 03/25/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 06/15/2020
Number of Days to Update: 82
Source: Department of Community Health
Telephone: 517-335-9699
Last EDR Contact: 02/23/2023
Next Scheduled EDR Contact: 06/12/2023
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: 07/05/2022
Date Data Arrived at EDR: 09/27/2022
Date Made Active in Reports: 12/13/2022
Number of Days to Update: 77
Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-241-1300
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Varies

UIC: Underground Injection Wells Database
A listing of underground injection well locations. The UIC Program is responsible for regulating the construction, operation, permitting, and closure of injection wells that place fluids underground for storage or disposal.

Date of Government Version: 01/20/2023
Date Data Arrived at EDR: 01/25/2023
Date Made Active in Reports: 04/13/2023
Number of Days to Update: 78
Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-241-1515
Last EDR Contact: 04/13/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Quarterly

WDS: Waste Data System
The Waste Data System (WDS) tracks activities at facilities regulated by the Solid Waste, Scrap Tire, Hazardous Waste, and Liquid Industrial Waste programs.

Date of Government Version: 08/11/2022
Date Data Arrived at EDR: 08/11/2022
Date Made Active in Reports: 10/31/2022
Number of Days to Update: 81
Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-284-6562
Last EDR Contact: 05/10/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI
Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 03/07/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 17
Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 98

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 02/24/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Varies

PCS: Permit Compliance System
PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: No Update Planned

PCS ENF: Enforcement data
No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

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

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

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

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

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

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

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

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA PART 201: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Michigan.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Department of Environment, Great Lakes, and Energy
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Michigan.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Environment, Great Lakes, and Energy
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Michigan.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Department of Environment, Great Lakes, and Energy
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 11/16/2022
Date Data Arrived at EDR: 11/16/2022
Date Made Active in Reports: 02/06/2023
Number of Days to Update: 82

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/11/2023
Next Scheduled EDR Contact: 08/21/2023
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 10/29/2021
Date Made Active in Reports: 01/19/2022
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 04/27/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/06/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/10/2022
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/06/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Centers, Group & Family Homes
Source: Bureau of REgulatory Services
Telephone: 517-373-8300

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory
Source: Department of Natural Resources
Telephone: 517-241-2254

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

DETROIT DEMO PHASE I ESA ENV 05.15.2023A1
11031 SHOEMAKER
DETROIT, MI 48213

TARGET PROPERTY COORDINATES

Latitude (North):	42.391083 - 42° 23' 27.90''
Longitude (West):	82.988688 - 82° 59' 19.28''
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	336306.3
UTM Y (Meters):	4694900.5
Elevation:	604 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	14450092 GROSSE POINTE, MI
Version Date:	2019
Southeast Map:	14450088 BELLE ISLE, MI
Version Date:	2019
Southwest Map:	14468133 DETROIT, MI
Version Date:	2019
Northwest Map:	14468149 HIGHLAND PARK, MI
Version Date:	2019

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

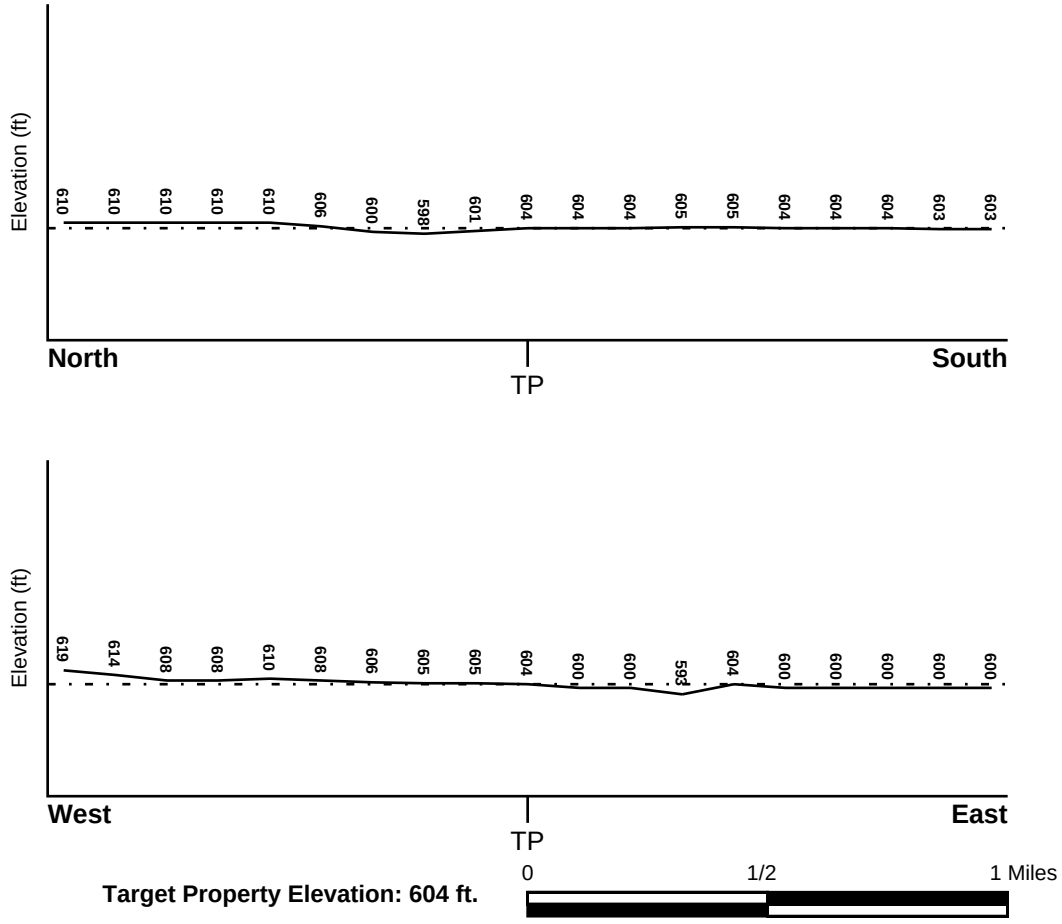
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General East

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
26163C0140E	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
2602220015B	FEMA Q3 Flood data
2602220035B	FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
GROSSE POINTE	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
Location Relative to TP:	1/2 - 1 Mile SE
Site Name:	Old Mack Ave Stamping Plant (Chrysle
Site EPA ID Number:	MID005357959
Surficial Aquifer Flow Dir.:	not reported
Inferred Depth to Water:	not available.
Hydraulic Connection:	The site is underlain by glacial deposits that may have small localized sandy lenses that contain ground water. Clay soils that act as a confining layer overlie the bedrock aquifer.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information is inferred in the CERCLIS investigation report(s)

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW

* ©1996 Site--specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
1	1/4 - 1/2 Mile SSE	N
2	1/2 - 1 Mile ESE	Varies
1G	1/2 - 1 Mile ESE	Varies
2G	1/4 - 1/2 Mile SSE	N

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Paleozoic
System:	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:	PEWAMO
Soil Surface Texture:	loam
Hydrologic Group:	Class C/D - Drained/undrained hydrology class of soils that can be drained and classified.
Soil Drainage Class:	Not reported

Hydric Status: Soil meets the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel:	HIGH
Depth to Bedrock Min:	> 60 inches
Depth to Bedrock Max:	> 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	13 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 7.30 Min: 6.10
2	13 inches	37 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 7.80 Min: 5.60
3	37 inches	60 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 8.40 Min: 7.40

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: loamy sand
loamy fine sand
fine sand
sandy loam

Surficial Soil Types: loamy sand
loamy fine sand
fine sand
sandy loam

Shallow Soil Types: loamy fine sand
silty clay loam
loamy sand
sandy clay loam
sandy loam

Deeper Soil Types: silty clay loam
sand
very fine sand
loam
coarse sand

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

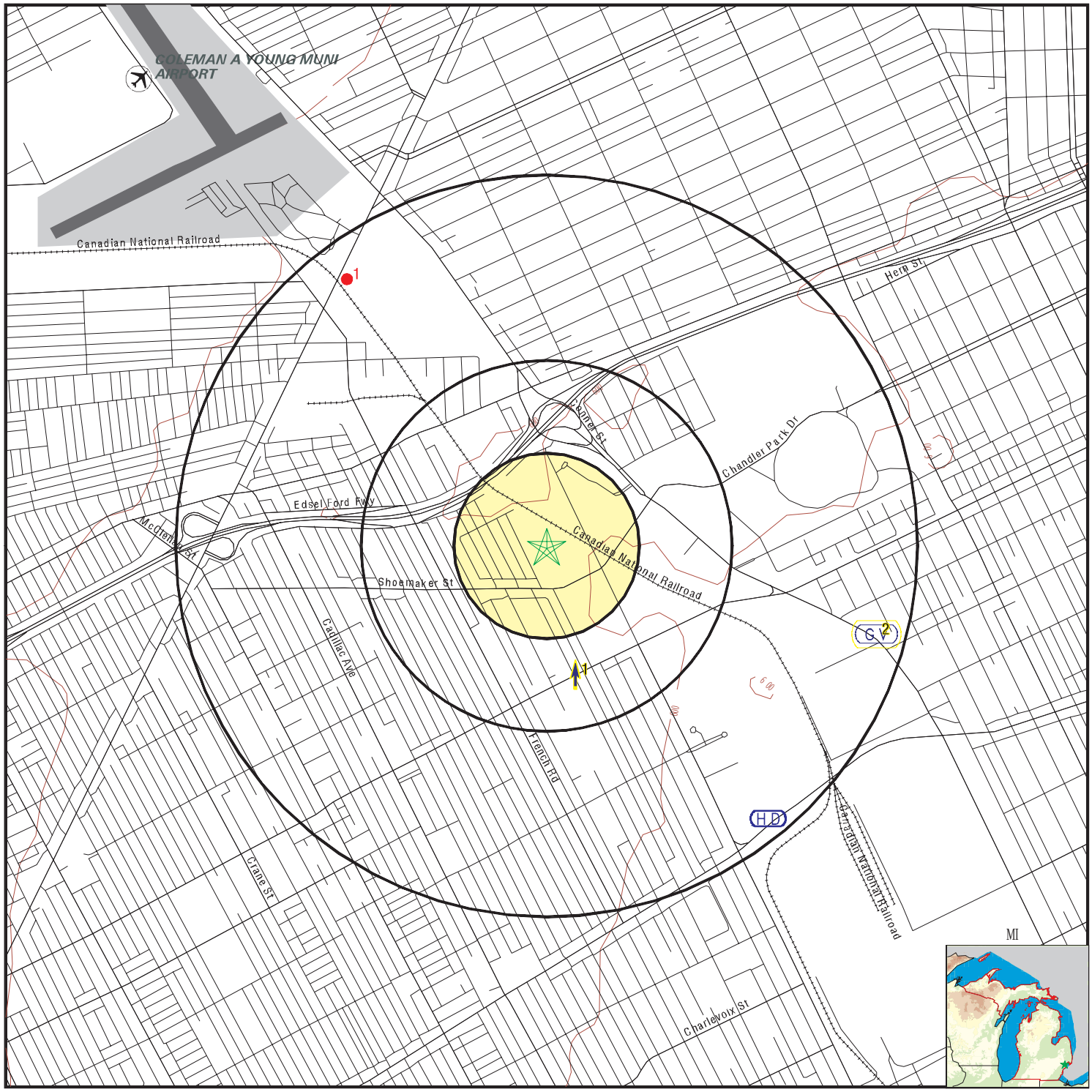
MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	MIOG13000094567	1/2 - 1 Mile NW

PHYSICAL SETTING SOURCE MAP - 7338110.2s



- 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
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	Detroit Demo Phase I ESA ENV 05.15.2023A1	CLIENT:	DLZ Michigan Inc.
ADDRESS:	11031 Shoemaker Detroit MI 48213	CONTACT:	Madeline Stack
		INQUIRY #:	7338110.2s
LAT/LONG:	42.391083 / 82.988688	DATE:	May 16, 2023 10:52 am

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
1 **SSE** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	820377 N 3.04 4.63 Not Reported 05/29/1992	**AQUIFLOW**	**34865**
2 **ESE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	821276 Varies 3.39 7.37 Not Reported 01/18/1993	**AQUIFLOW**	**35359**
1G **ESE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	821276 Varies 3.39 7.37 Not Reported 01/18/1993	**AQUIFLOW**	**35359**
2G **SSE** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	820377 N 3.04 4.63 Not Reported 05/29/1992	**AQUIFLOW**	**34865**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
NW
1/2 - 1 Mile

OIL_GAS **MIOG13000094567**

OIL_GAS:

API #:	21163615137000	Well #:	1
Permit #:	NP22069	Completion Date:	0
Plug Date:	Not Reported	Well Type:	Part 625 Test Well
Well Status:	Plugging Approved	Bore Type:	Mineral (Non-Confidential)
Slant:	V	Total Depth Drilled (ft):	473
True Vertical Depth (ft):	0	Kickoff Point of TVD:	0
Deepest Formation:	TRAVERSE GROUP	Formation Tops:	Not Reported
Field Name:	Not Reported	Production Formation:	Not Reported
Production Unit #:	Not Reported	Lease Name:	Harding Manufacturing
Operator #:	6973	Company Name:	Harding Manufacturing Company
Surface Owner:	Not Reported	State Owned Land:	0
Federally Owned Land:	0	H2S Concentration:	0
Permit Date:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: MI Radon

Radon Test Results

Zipcode	Test Date	LT Sign	Result
48213	3/1/2008	<	0.3
48213	2/24/2004	<	0.3
48213	7/10/2006	<	0.3
48213	11/8/1999		1.4
48213	12/16/2006		1.7
48213	8/3/2009		5.7
48213	9/3/2009		3.8
48213	11/6/2000	<	0.3

Federal EPA Radon Zone for WAYNE County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 48213

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.700 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, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory
Source: Department of Natural Resources
Telephone: 517-241-2254

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Data
Source: Department of Environmental Quality
Telephone: 517-335-9218
The data in this file was obtained from Wellogic, the Michigan Department of Environmental Quality Statewide Groundwater Database (SGWD). Wellogic contains approximately 425,000 water well records found within the State of Michigan, and although it represents the best available data, it cannot be considered a complete database of all the wells or well records in existence. Locations of verified municipal and private water well sites compiled from Michigan Department of Public Health, Water Well and Pump Records. Available in the following MI counties: Calhoun, Eaton, Genesee, Ingham, Jackson, Kalamazoo, Kent, Midland, Muskegon, Oakland, Ottawaw, Saginaw, St. Clair, Washtenaw.

OTHER STATE DATABASE INFORMATION

Michigan Oil and Gas Wells
Source: Department of Environmental Quality
Telephone: 517-241-1528
Locations of oil and gas wells are compiled from permit records on file at the Geological Survey Division (GSD), Michigan Department of Natural Resources.

RADON

State Database: MI Radon
Source: Department of Environmental Quality
Telephone: 517-335-9551
Radon Test Results

Michigan Radon Test Results
Source: Department of Environmental Quality
Telephone: 517-335-8037
These results are from test kits distributed by the local health departments and used by Michigan residents. There is no way of knowing whether the devices were used properly, whether there are duplicates (or repeat verification) test (i.e., more than one sample per home), etc.

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

STREET AND ADDRESS INFORMATION

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APPENDIX F

Detroit Demo Phase I ESA ENV 05.15.2023A1

11031 Shoemaker

Detroit, MI 48213

Inquiry Number: 7338110.8

May 16, 2023

The EDR Aerial Photo Decade Package

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

EDR Aerial Photo Decade Package

05/16/23

Site Name:

Detroit Demo Phase I ESA EN\
11031 Shoemaker
Detroit, MI 48213
EDR Inquiry # 7338110.8

Client Name:

DLZ Michigan Inc.
1425 Keystone Avenue
Lansing, MI 48911
Contact: Madeline Stack

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

Search Results:

Year	Scale	Details	Source
2020	1"=500'	Flight Year: 2020	USDA/NAIP
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
1997	1"=500'	Flight Date: May 04, 1997	DTE
1987	1"=500'	Flight Date: June 17, 1987	USDA
1981	1"=500'	Flight Date: October 17, 1981	DTE
1972	1"=500'	Flight Date: July 01, 1972	USDA
1967	1"=500'	Flight Date: May 16, 1967	DTE
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: April 28, 1949	DTE
1937	1"=500'	Flight Date: July 23, 1937	USDA

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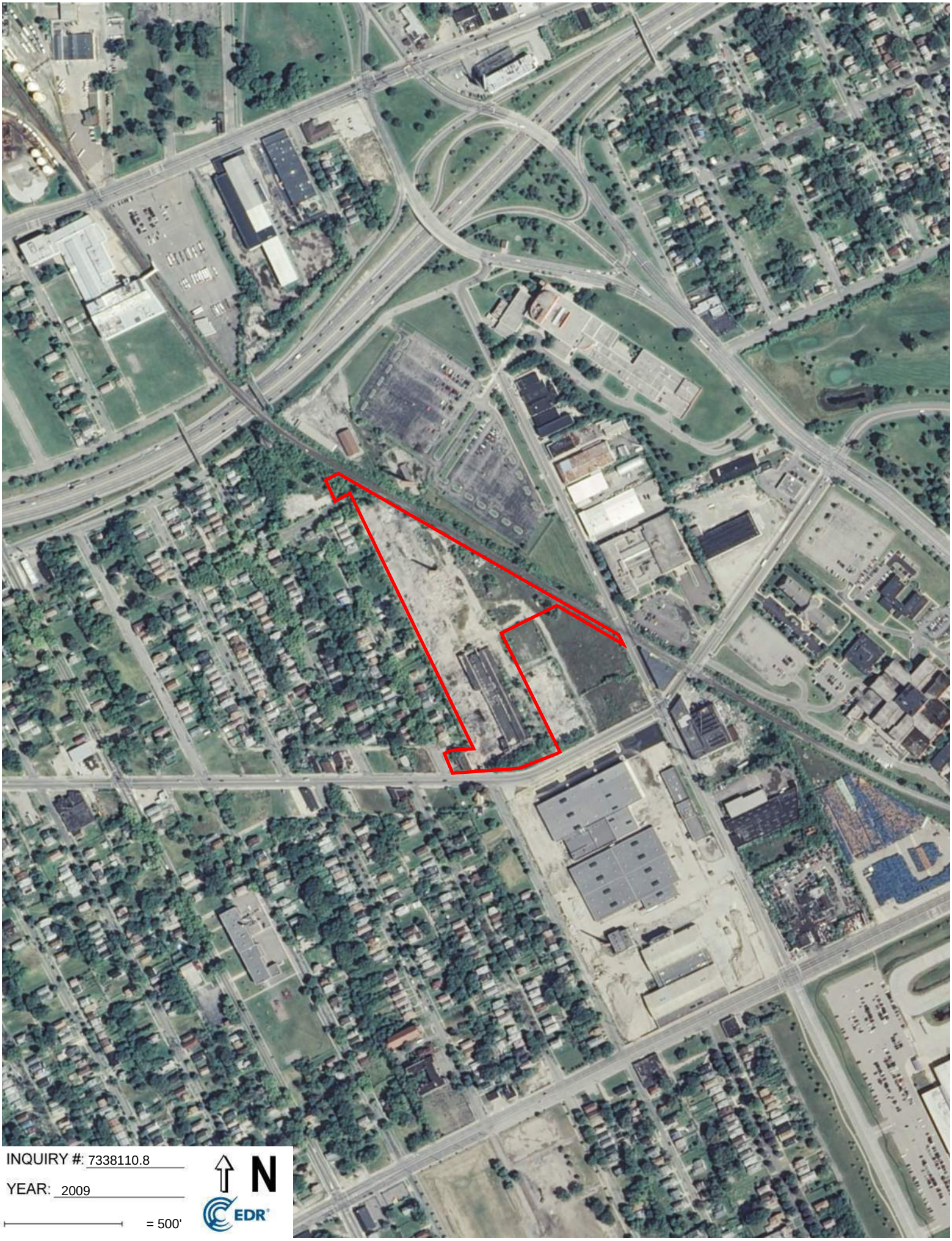
INQUIRY #: 7338110.8
YEAR: 2020
= 500'
N
EDR

INQUIRY #: 7338110.8
YEAR: 2016
= 500'
N
EDR

INQUIRY #: 7338110.8
YEAR: 2012
= 500'
N
EDR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YEAR: 2009
= 500'
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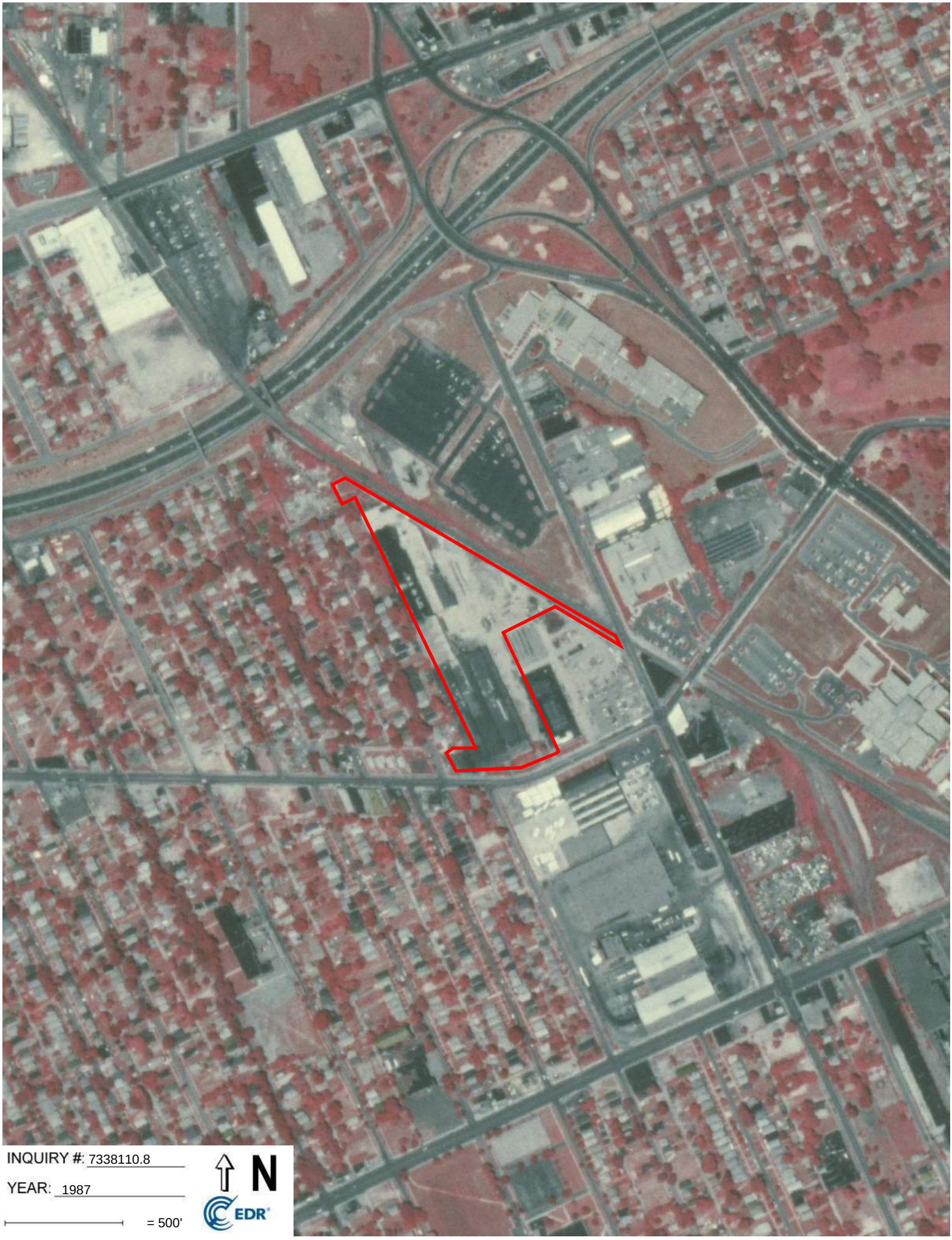
EDR

INQUIRY #: 7338110.8
YEAR: 2005
= 500'
N
EDR

INQUIRY #: 7338110.8
YEAR: 1997
= 500'
N
EDR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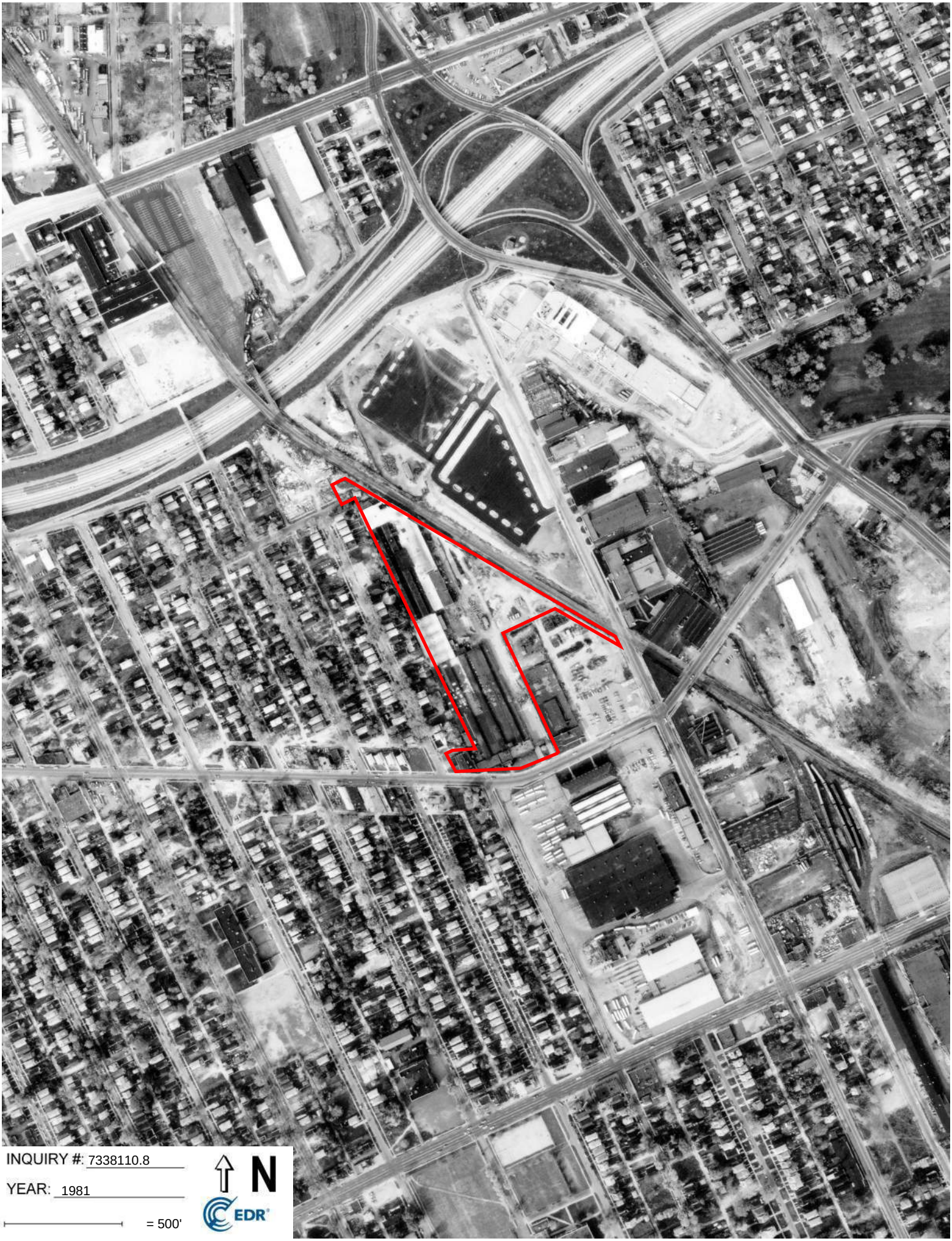
EDR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EDR

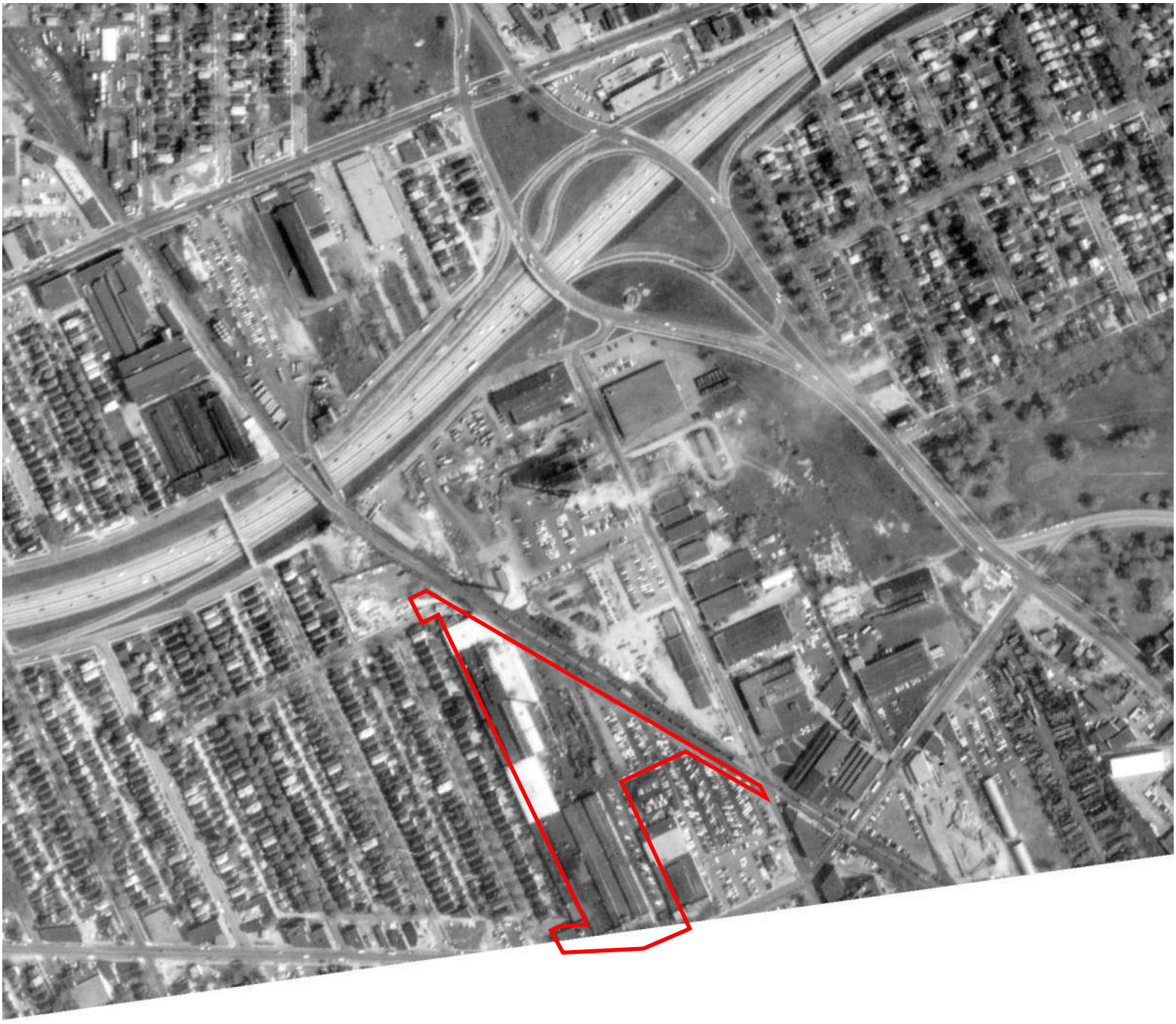
INQUIRY #: 7338110.8

YEAR: 1972

= 500'

N

EDR



INQUIRY #: 7338110.8

YEAR: 1967

= 500'

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EDR

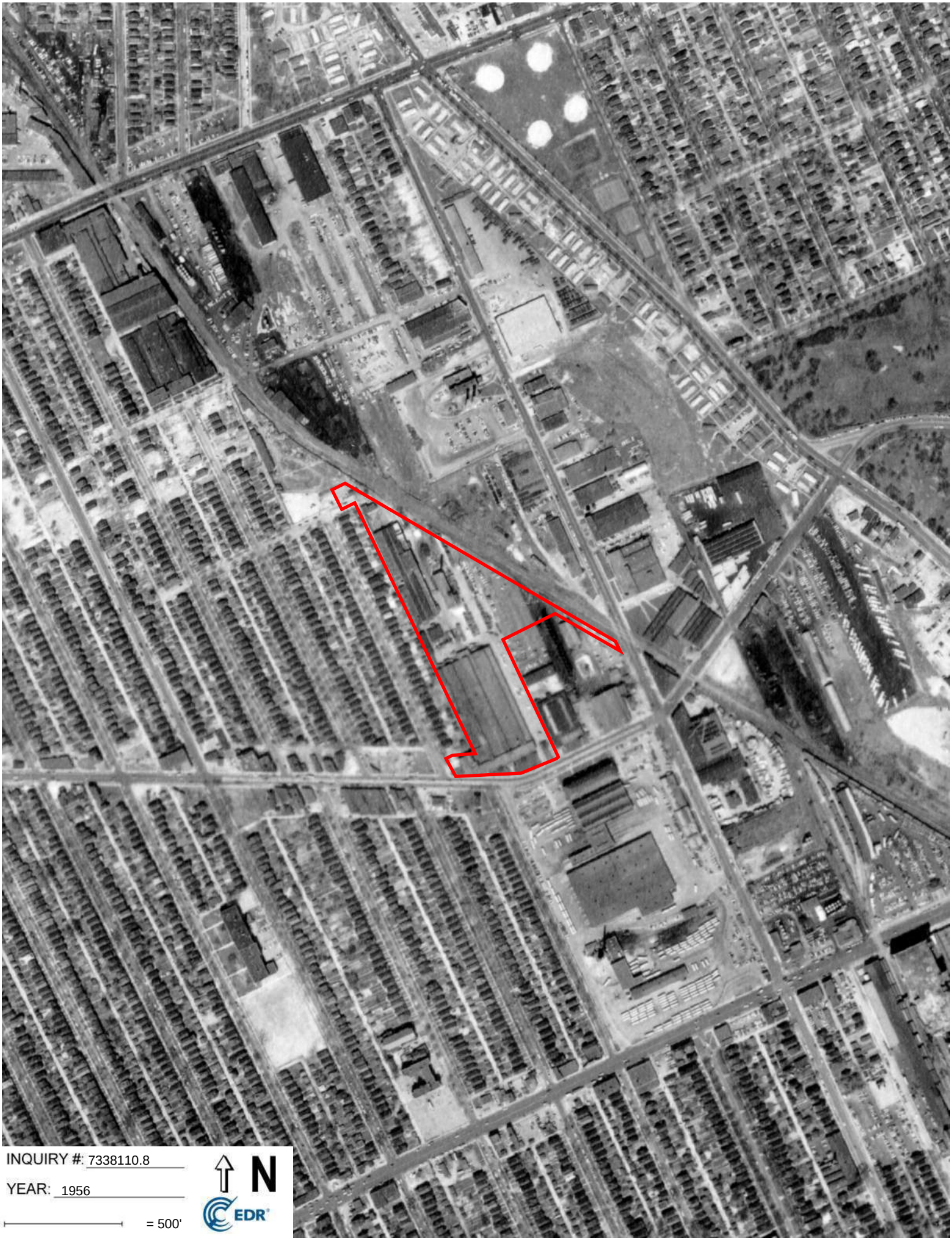
INQUIRY #: 7338110.8

YEAR: 1961

= 500'

N

EDR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YEAR: 1956
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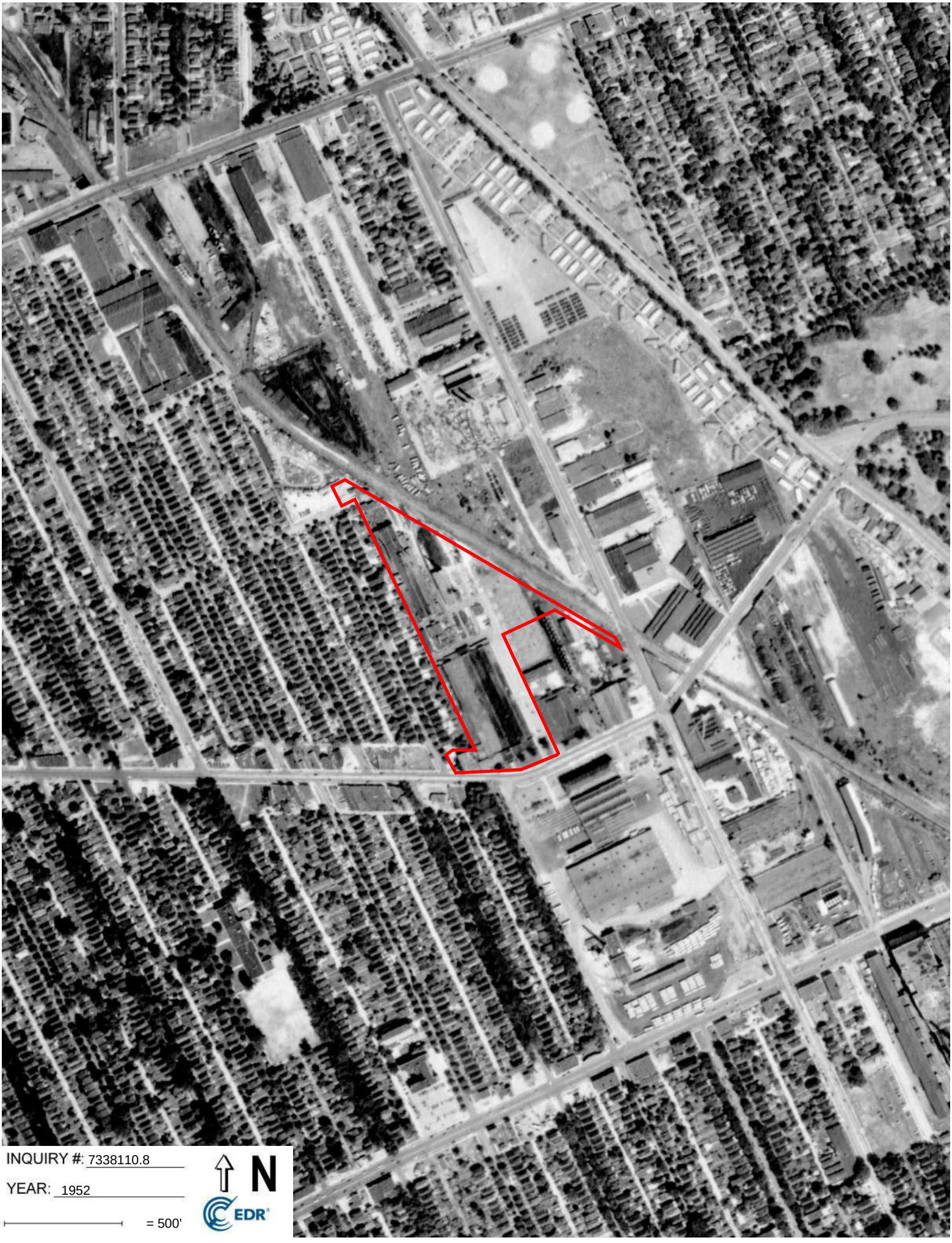
EDR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= 500'
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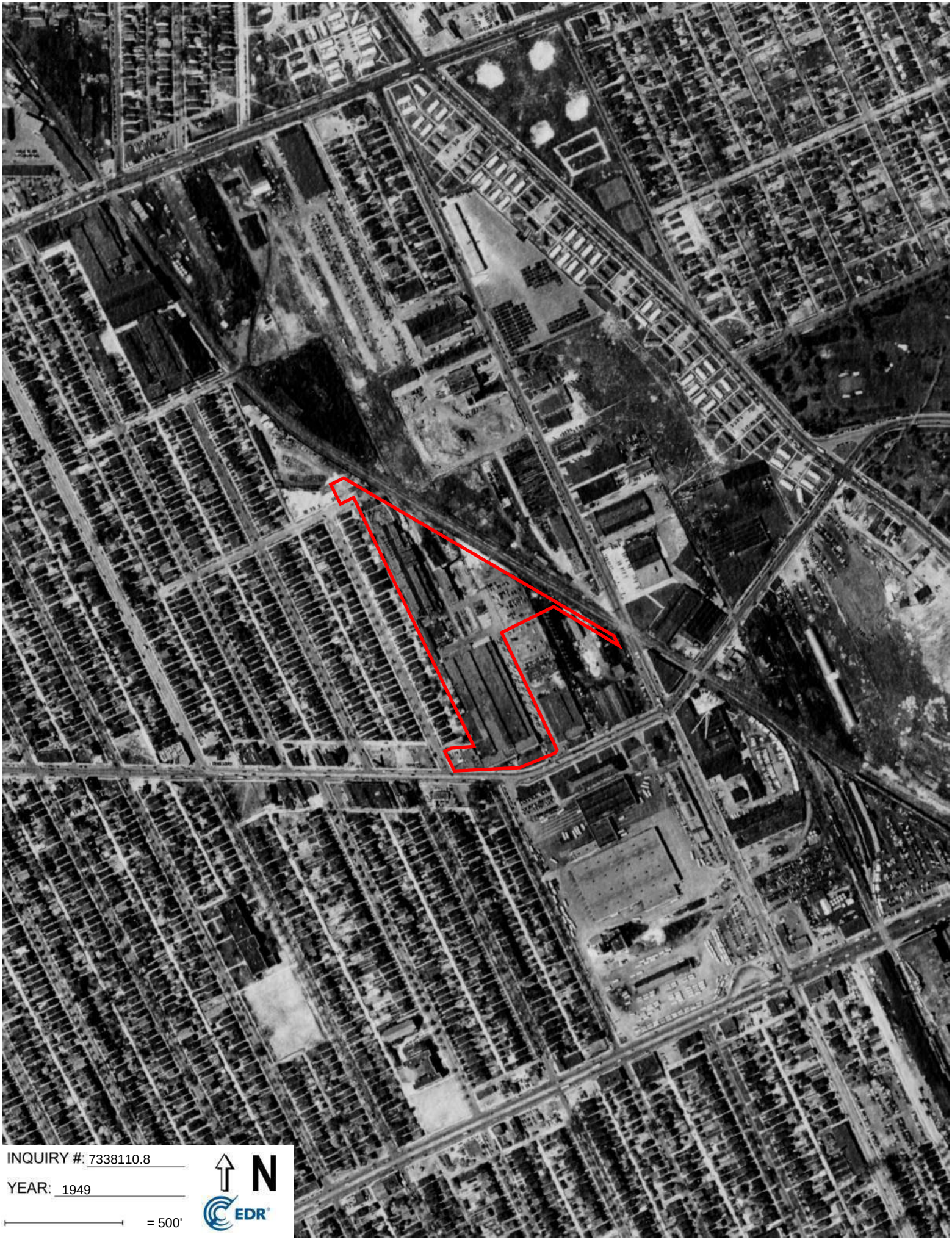
EDR



INQUIRY #: 7338110.8

YEAR: 1949

= 500'

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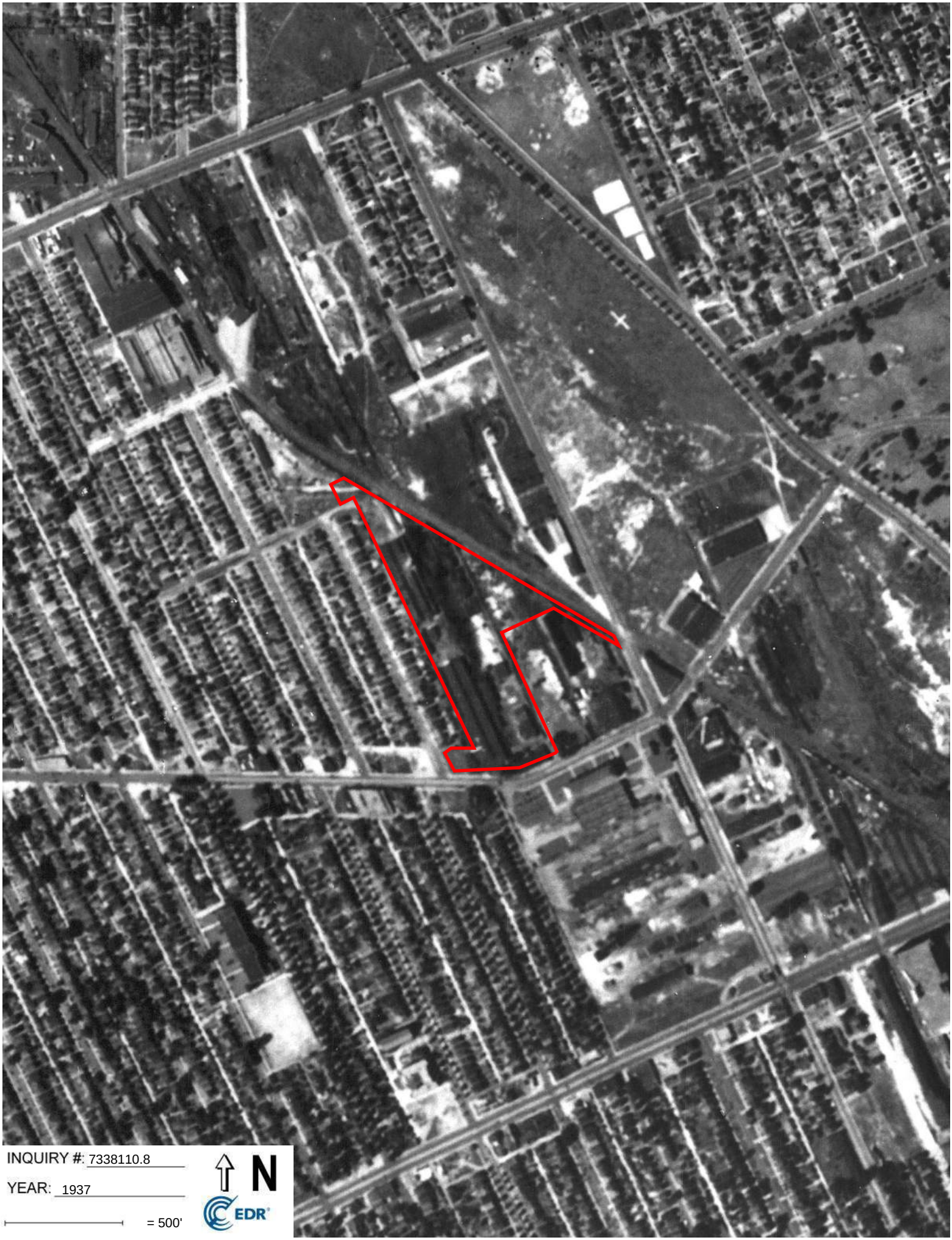
EDR


INQUIRY #: 7338110.8
YEAR: 1937
= 500'
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EDR

APPENDIX G

Detroit Demo Phase I ESA ENV 05.15.2023A1

11031 Shoemaker

Detroit, MI 48213

Inquiry Number: 7338110.3

May 16, 2023

Certified Sanborn® Map Report

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

Certified Sanborn® Map Report

05/16/23

Site Name:

Detroit Demo Phase I ESA EN\
11031 Shoemaker
Detroit, MI 48213
EDR Inquiry # 7338110.3

Client Name:

DLZ Michigan Inc.
1425 Keystone Avenue
Lansing, MI 48911
Contact: Madeline Stack

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by DLZ Michigan Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

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

Certified Sanborn Results:

Certification # 7C26-42B6-A6D0

PO # NA

Project ENV 05.15.2023A1

Maps Provided:

2002	1950
1996	1941
1991	1929
1989	1921
1978	
1962	
1957	
1952	

Sanborn® Library search results

Certification #: 7C26-42B6-A6D0

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

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

The Sanborn Library LLC Since 1866™

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Sanborn Sheet Key

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

2002 Source Sheets

Volume 19, Sheet 14
2002

Volume 19, Sheet 13
2002

Volume 19, Sheet 12
2002

Volume 19, Sheet 16
2002

Volume 19, Sheet 17
2002

Volume 19, Sheet 98
2002

1996 Source Sheets

Volume 19, Sheet 17
1996

Volume 19, Sheet 98
1996

Volume 19, Sheet 16
1996

Volume 19, Sheet 12
1996

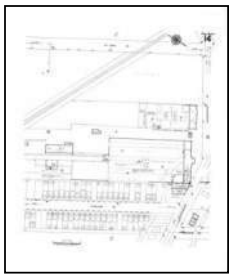
Volume 19, Sheet 13
1996

Volume 19, Sheet 14
1996

Sanborn Sheet Key

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

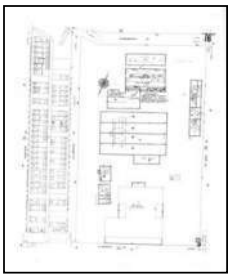
1991 Source Sheets



Volume 19, Sheet 14
1991

Volume 19, Sheet 13
1991

Volume 19, Sheet 12
1991



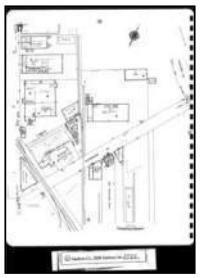
Volume 19, Sheet 16
1991

Volume 19, Sheet 17
1991

1989 Source Sheets

Volume 19, Sheet 16
1989

Volume 19, Sheet 17
1989



Volume 19, Sheet 17
1989

Volume 19, Sheet 11
1989

Volume 19, Sheet 98
1989

Volume 19, Sheet 16
1989

Volume 19, Sheet 12
1989

Volume 19, Sheet 13
1989

Volume 19, Sheet 98
1989

Volume 19, Sheet 13
1989

Sanborn Sheet Key

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

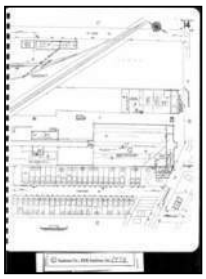
1989 Source Sheets

Volume 19, Sheet 12
1989

Volume 19, Sheet 14
1989

Volume 19, Sheet 14
1989

1978 Source Sheets


Volume 19, Sheet 14
1978

Volume 19, Sheet 12
1978

Volume 19, Sheet 16
1978

Volume 19, Sheet 13
1978

1962 Source Sheets

Volume 19, Sheet 13
1962

Volume 19, Sheet 12
1962

Volume 19, Sheet 14
1962

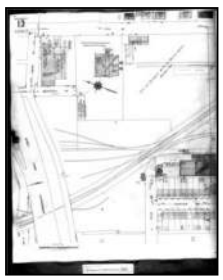
Volume 19, Sheet 11
1962

Volume 19, Sheet 16
1962

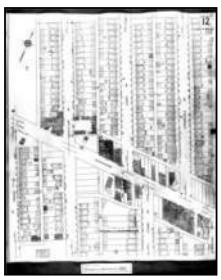
1957 Source Sheets

Volume 19, Sheet 17
1957

Volume 19, Sheet 14
1957


Volume 19, Sheet 13
1957

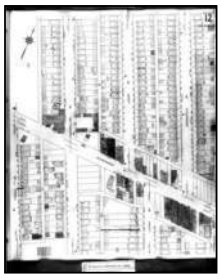
Volume 19, Sheet 16
1957


Volume 19, Sheet 12
1957

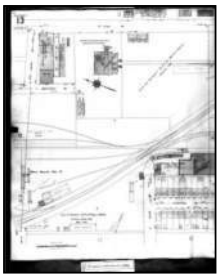
Sanborn Sheet Key

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

1952 Source Sheets

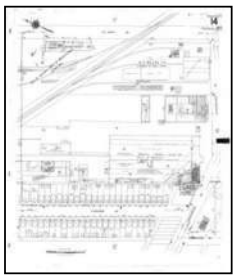

Volume 19, Sheet 12
1952

Volume 19, Sheet 16
1952

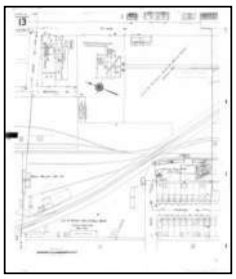

Volume 19, Sheet 13
1952

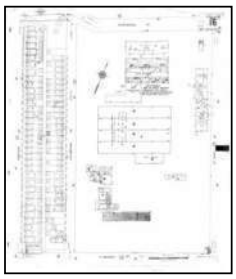
Volume 19, Sheet 14
1952

1950 Source Sheets


Volume 19, Sheet 14
1950

Volume 19, Sheet 12
1950

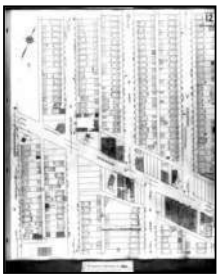

Volume 19, Sheet 13
1950


Volume 19, Sheet 16
1950

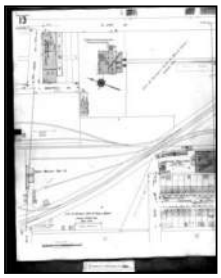
1941 Source Sheets

Volume 19, Sheet 16
1941

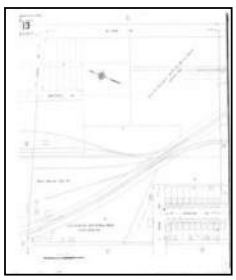
Volume 19, Sheet 17
1941

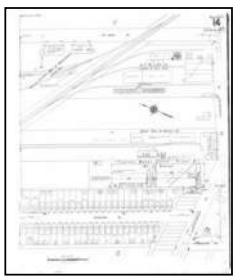

Volume 19, Sheet 12
1941

Volume 19, Sheet 14
1941


Volume 19, Sheet 13
1941

1929 Source Sheets


Volume 19, Sheet 13
1929


Volume 19, Sheet 14
1929

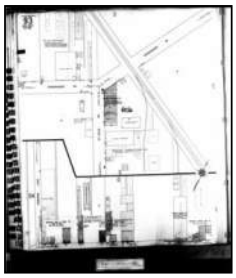
Volume 19, Sheet 12
1929

Volume 19, Sheet 16
1929

Sanborn Sheet Key

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

1921 Source Sheets



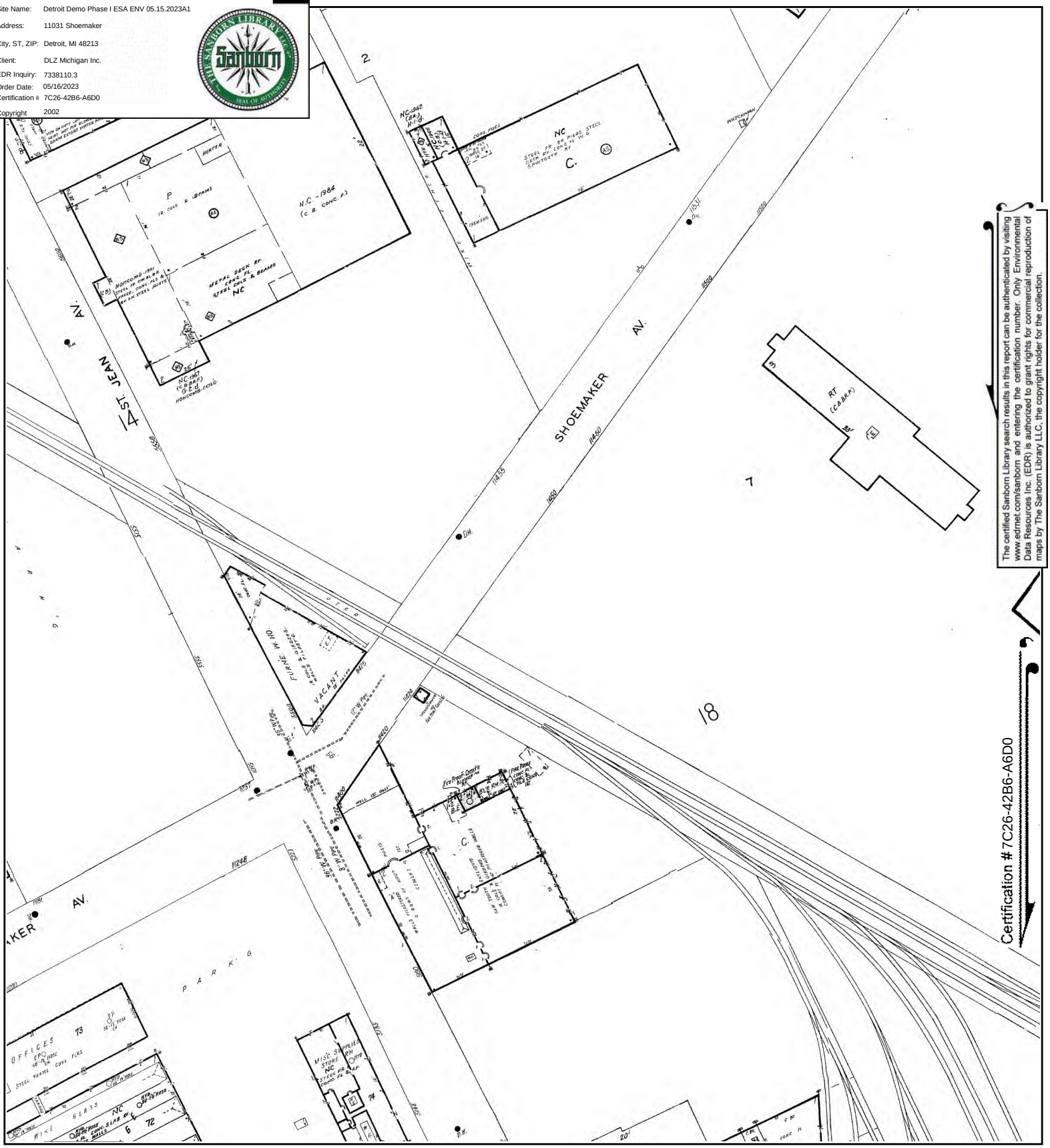
Volume 11, Sheet 93
1921

Volume 11, Sheet 95
1921

Certified Sanborn® Map

2002

Site Name: Detroit Demo Phase I ESA ENV 05.15.2023A1
Address: 11031 Shoemaker
City, ST, ZIP: Detroit, MI 48213
Client: DLZ Michigan Inc.
EDR Inquiry: 7338110.3
Order Date: 05/16/2023
Certification #: 7C26-42B6-A6D0
Copyright: 2002



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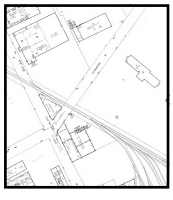

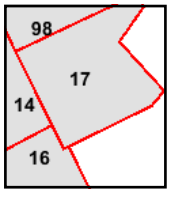

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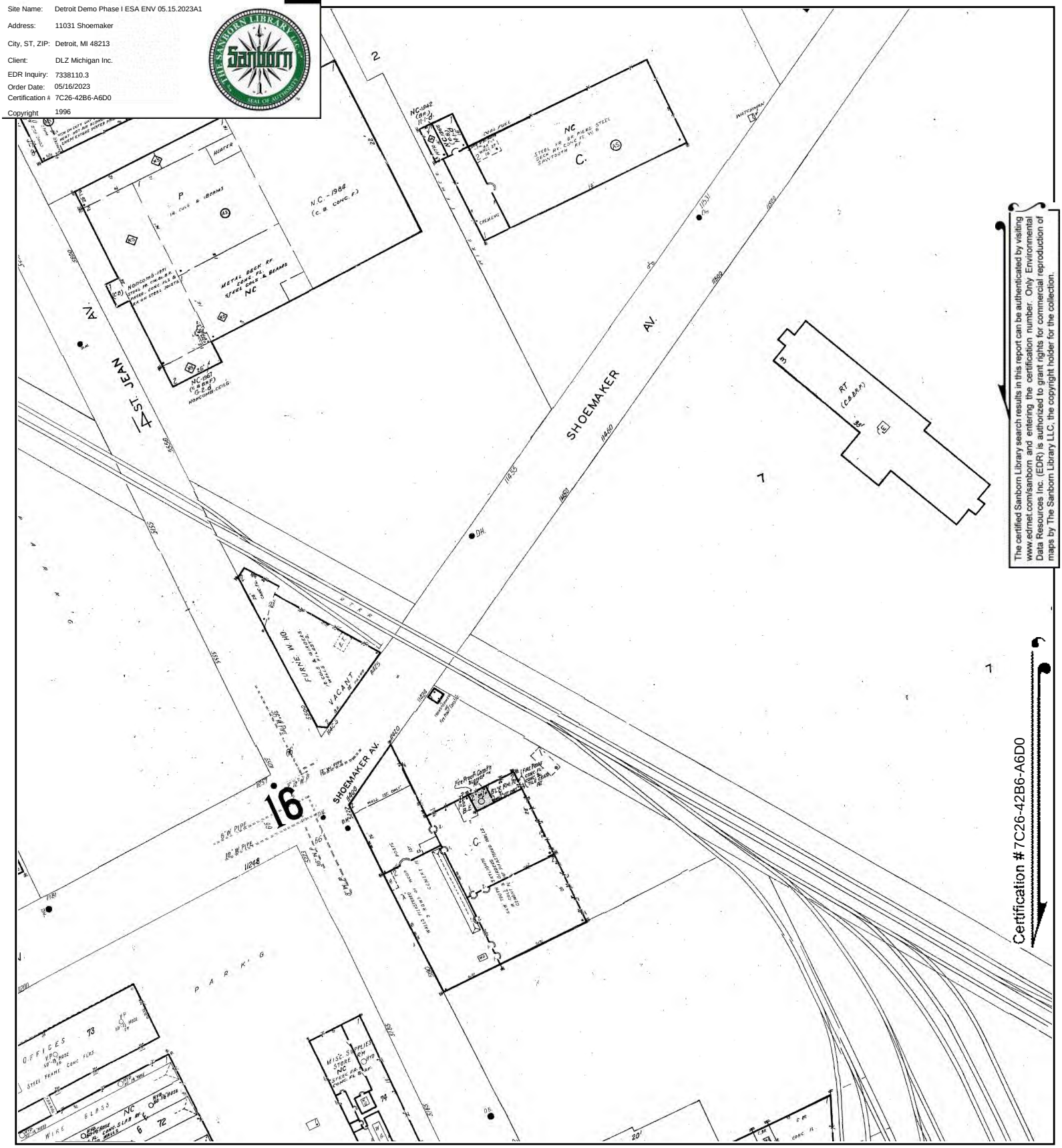
Volume 19, Sheet 16
Volume 19, Sheet 12
Volume 19, Sheet 13
Volume 19, Sheet 14

N

Certified Sanborn® Map

1996

Site Name:	Detroit Demo Phase I ESA ENV 05.15.2023A1
Address:	11031 Shoemaker
City, ST, ZIP:	Detroit, MI 48213
Client:	DLZ Michigan Inc.
EDR Inquiry:	7338110.3
Order Date:	05/16/2023
Certification #	7C26-42B6-A6D0
Copyright	1996



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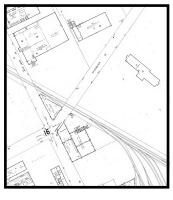

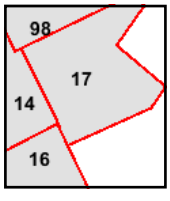

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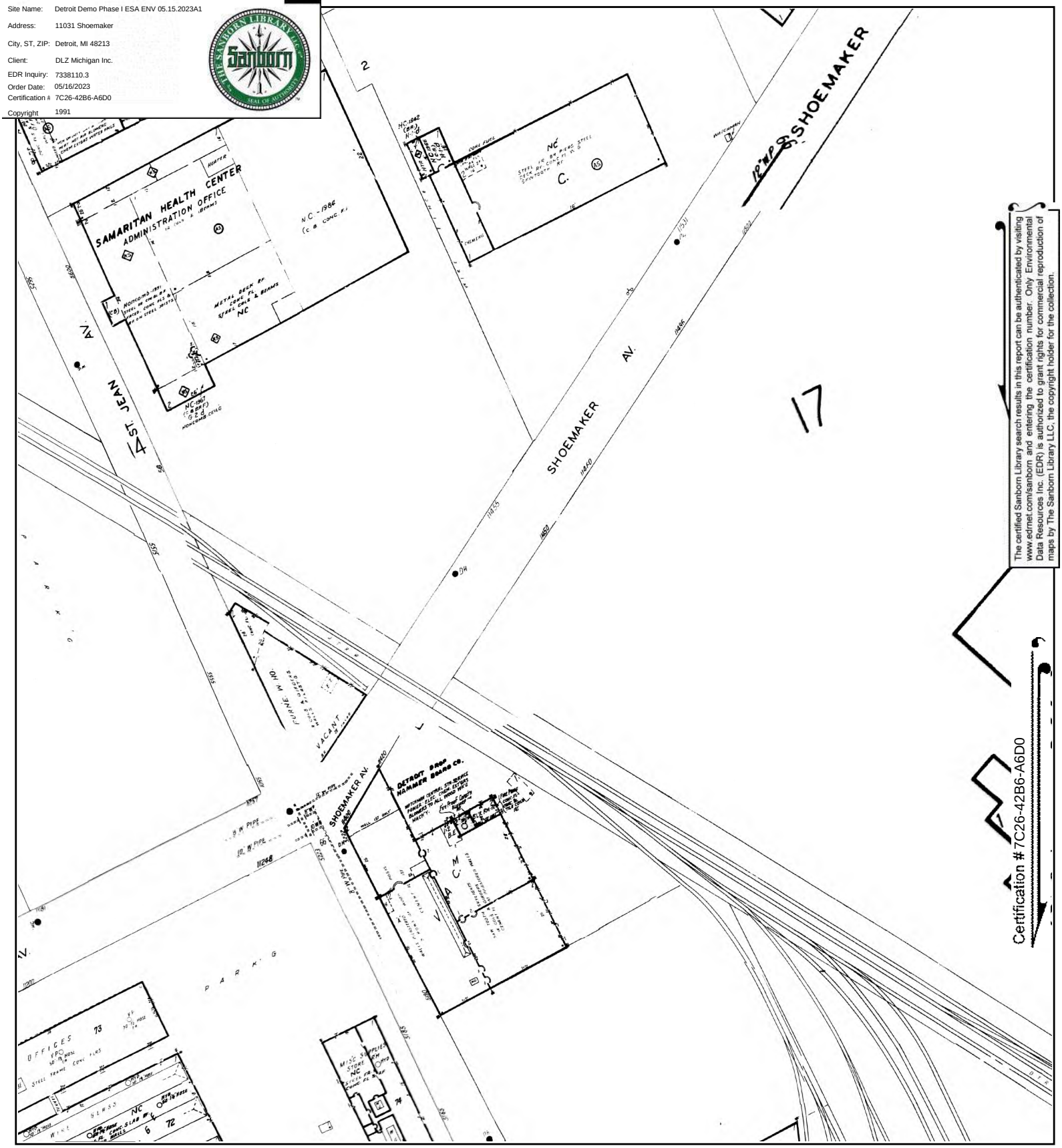
Volume 19, Sheet 12
Volume 19, Sheet 16
Volume 19, Sheet 98
Volume 19, Sheet 17

0 Feet 150 300 600

Certified Sanborn® Map

1991

Site Name: Detroit Demo Phase I ESA ENV 05.15.2023A1
Address: 11031 Shoemaker
City, ST, ZIP: Detroit, MI 48213
Client: DLZ Michigan Inc.
EDR Inquiry: 7338110.3
Order Date: 05/16/2023
Certification #: 7C26-42B6-A6D0
Copyright: 1991



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Certification #7C26-42B6-A6D0

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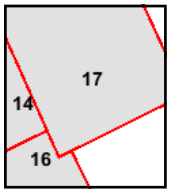

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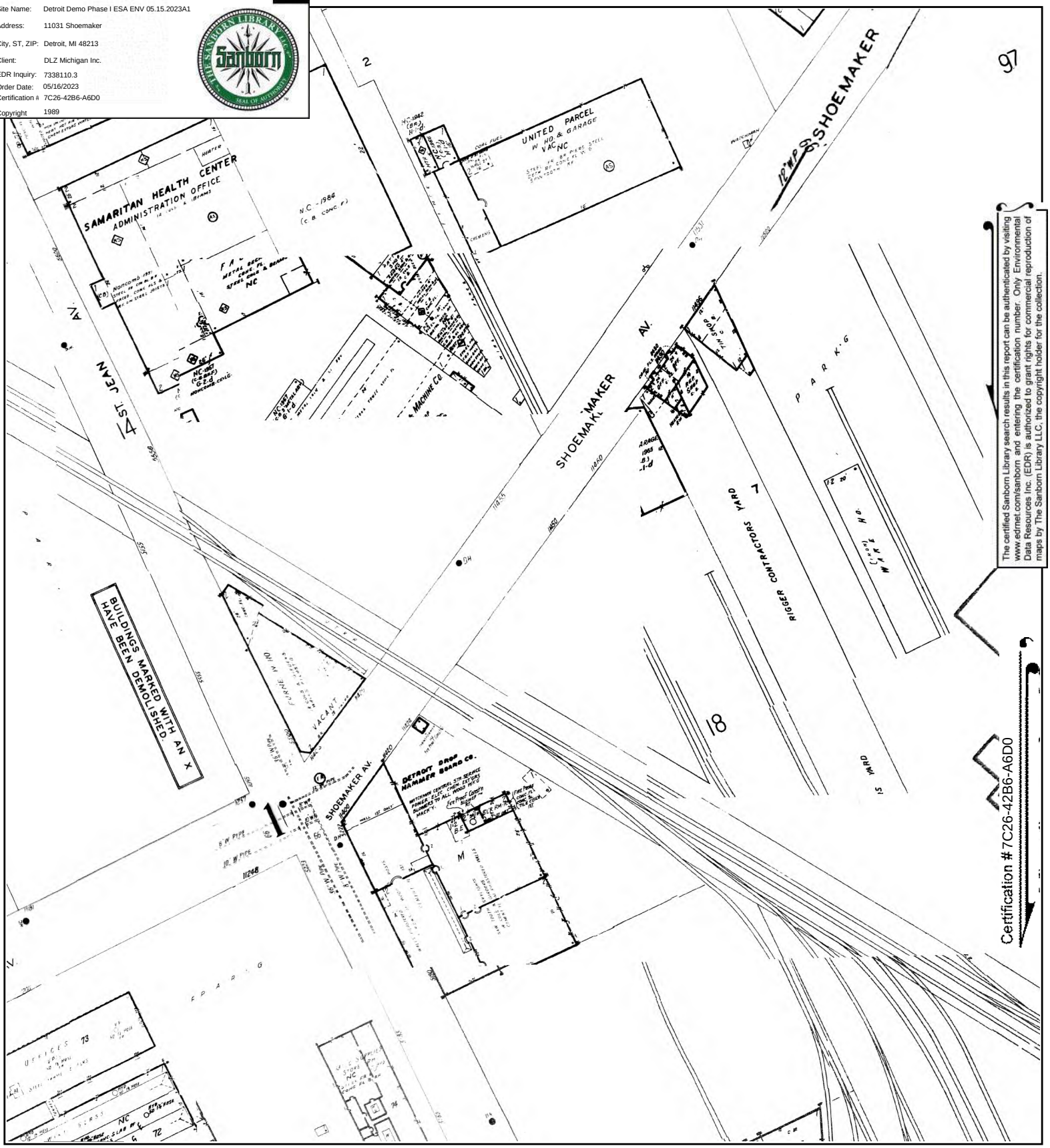
Volume 19, Sheet 12
Volume 19, Sheet 13
Volume 19, Sheet 14

N

Certified Sanborn® Map

1989

Site Name: Detroit Demo Phase I ESA ENV 05.15.2023A1
Address: 11031 Shoemaker
City, ST, ZIP: Detroit, MI 48213
Client: DLZ Michigan Inc.
EDR Inquiry: 7338110.3
Order Date: 05/16/2023
Certification #: 7C26-42B6-A6D0
Copyright: 1989



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Certification #7C26-42B6-A6D0

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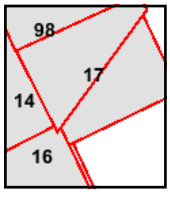

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Volume 19, Sheet 14
Volume 19, Sheet 12
Volume 19, Sheet 13
Volume 19, Sheet 98
Volume 19, Sheet 13
Volume 19, Sheet 12
Volume 19, Sheet 16
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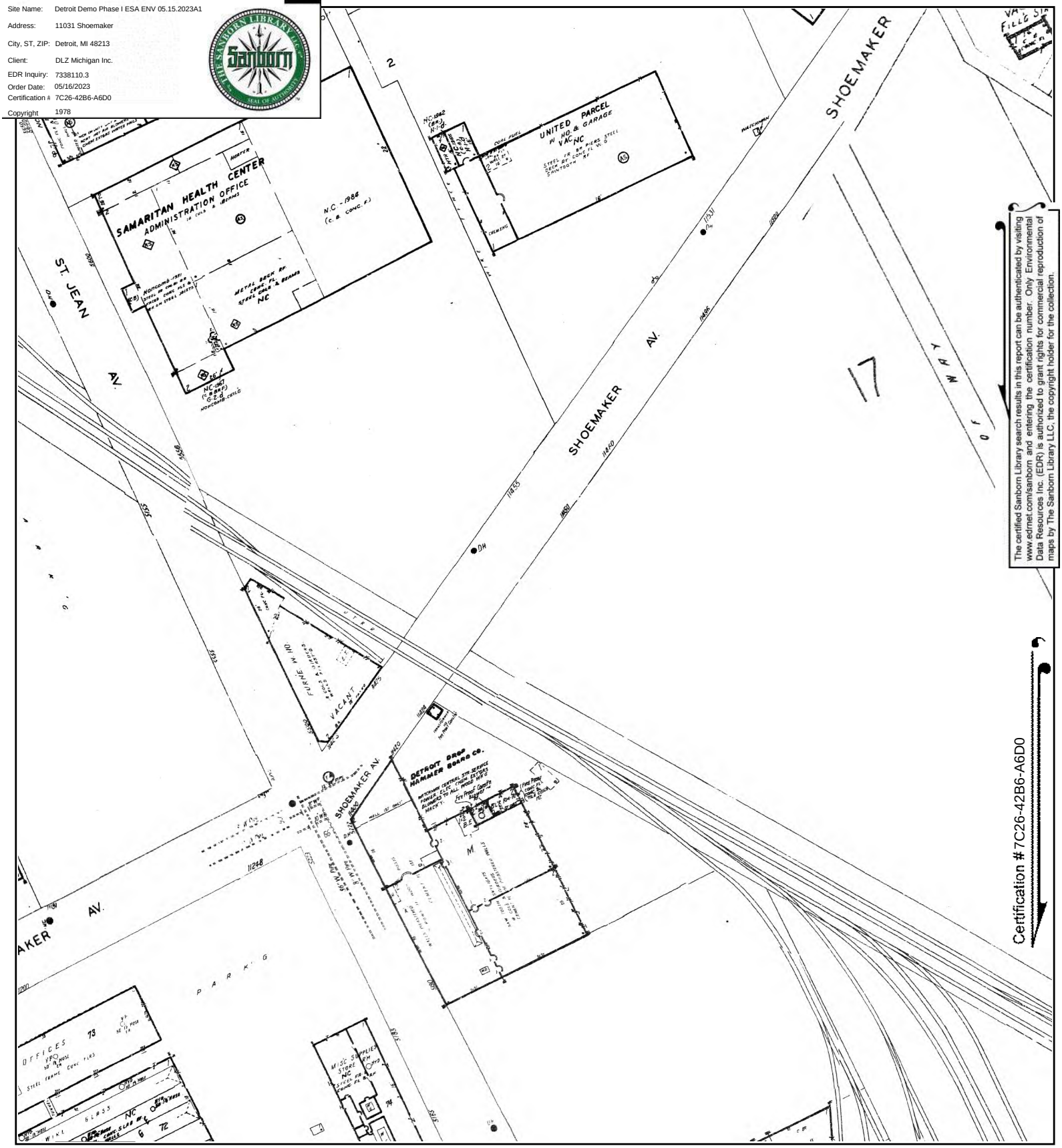
Certified Sanborn® Map

1978

Site Name: Detroit Demo Phase I ESA ENV 05.15.2023A1
Address: 11031 Shoemaker
City, ST, ZIP: Detroit, MI 48213
Client: DLZ Michigan Inc.
EDR Inquiry: 7338110.3
Order Date: 05/16/2023
Certification #: 7C26-42B6-A6D0
Copyright: 1978



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Certification #7C26-42B6-A6D0

This Certified Sanborn Map combines the following sheets.
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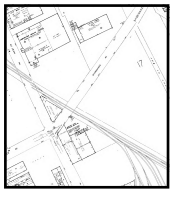

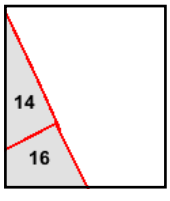

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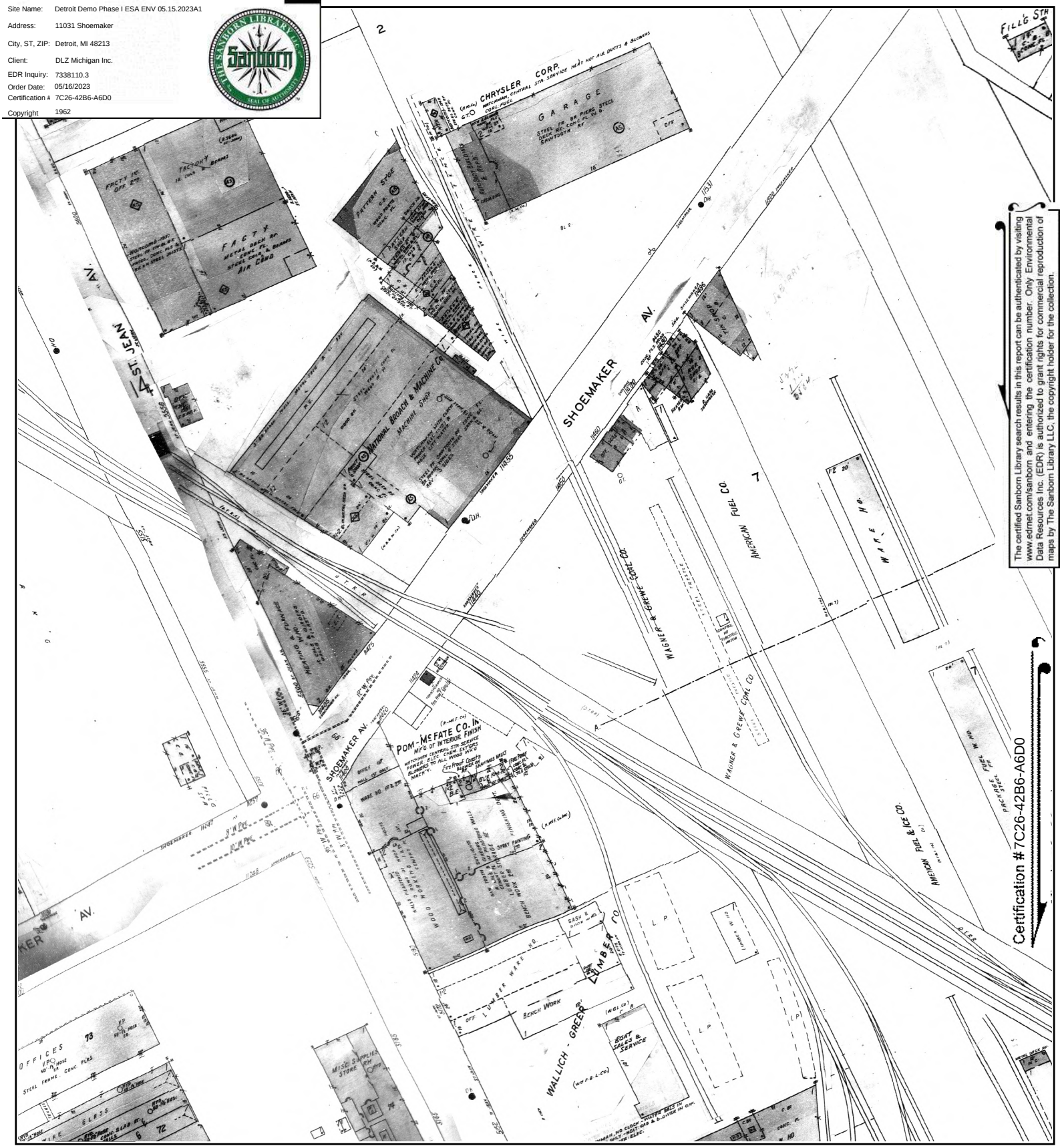
N

Certified Sanborn® Map

1962

Site Name: Detroit Demo Phase I ESA ENV 05.15.2023A1
Address: 11031 Shoemaker
City, ST, ZIP: Detroit, MI 48213
Client: DLZ Michigan Inc.
EDR Inquiry: 7338110.3
Order Date: 05/16/2023
Certification #: 7C26-42B6-A6D0
Copyright: 1962



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Certification #7C26-42B6-A6D0

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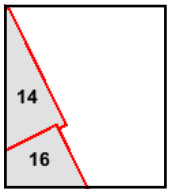

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Volume 19, Sheet 14
Volume 19, Sheet 12
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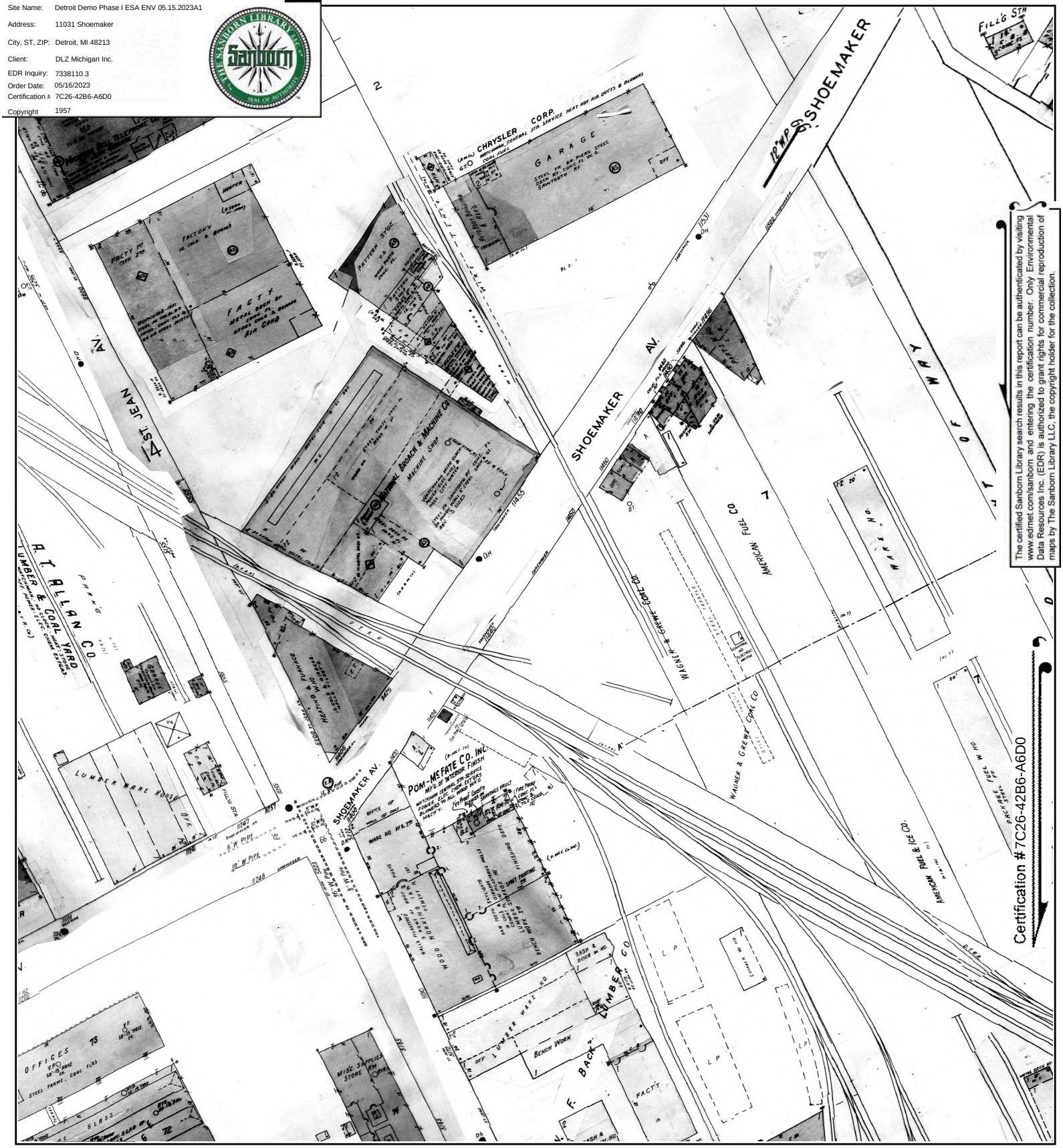
N

Certified Sanborn® Map

1957

Site Name:	Detroit Demo Phase I ESA ENV 05.15.2023A1
Address:	11031 Shoemaker
City, ST, ZIP:	Detroit, MI 48213
Client:	DLZ Michigan Inc.
EDR Inquiry:	7338110.3
Order Date:	05/16/2023
Certification #	7C26-42B6-A6D0
Copyright	1957



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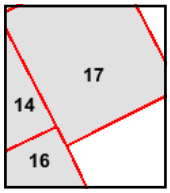

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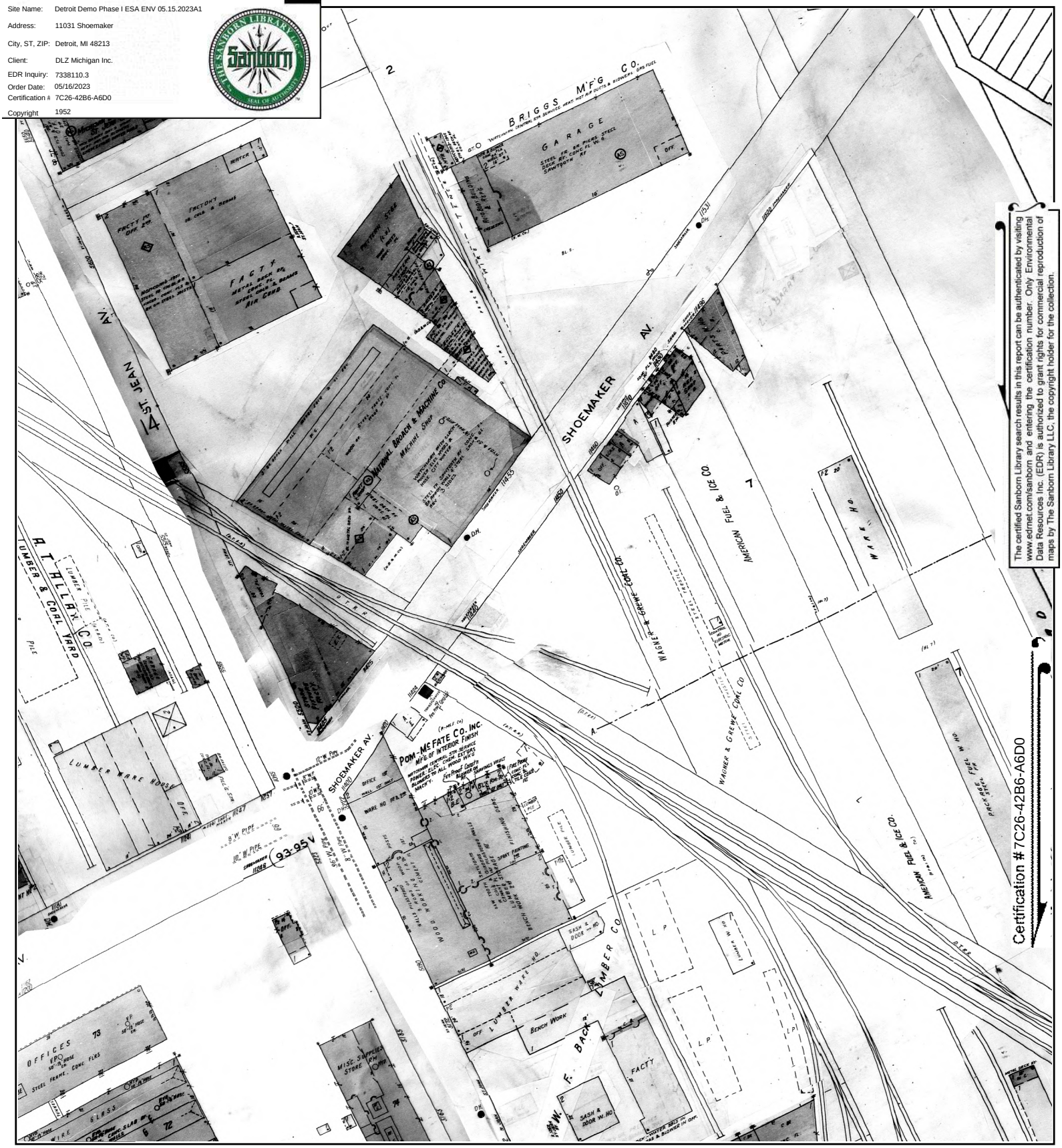
Volume 19, Sheet 13
Volume 19, Sheet 14
Volume 19, Sheet 17

N

Certified Sanborn® Map

1952

Site Name:	Detroit Demo Phase I ESA ENV 05.15.2023A1
Address:	11031 Shoemaker
City, ST, ZIP:	Detroit, MI 48213
Client:	DLZ Michigan Inc.
EDR Inquiry:	7338110.3
Order Date:	05/16/2023
Certification #:	7C26-42B6-A6D0
Copyright	1952



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Certification #7C26-42B6-A6D0

This Certified Sanborn Map combines the following sheets.
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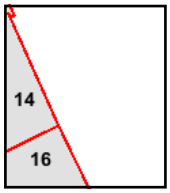


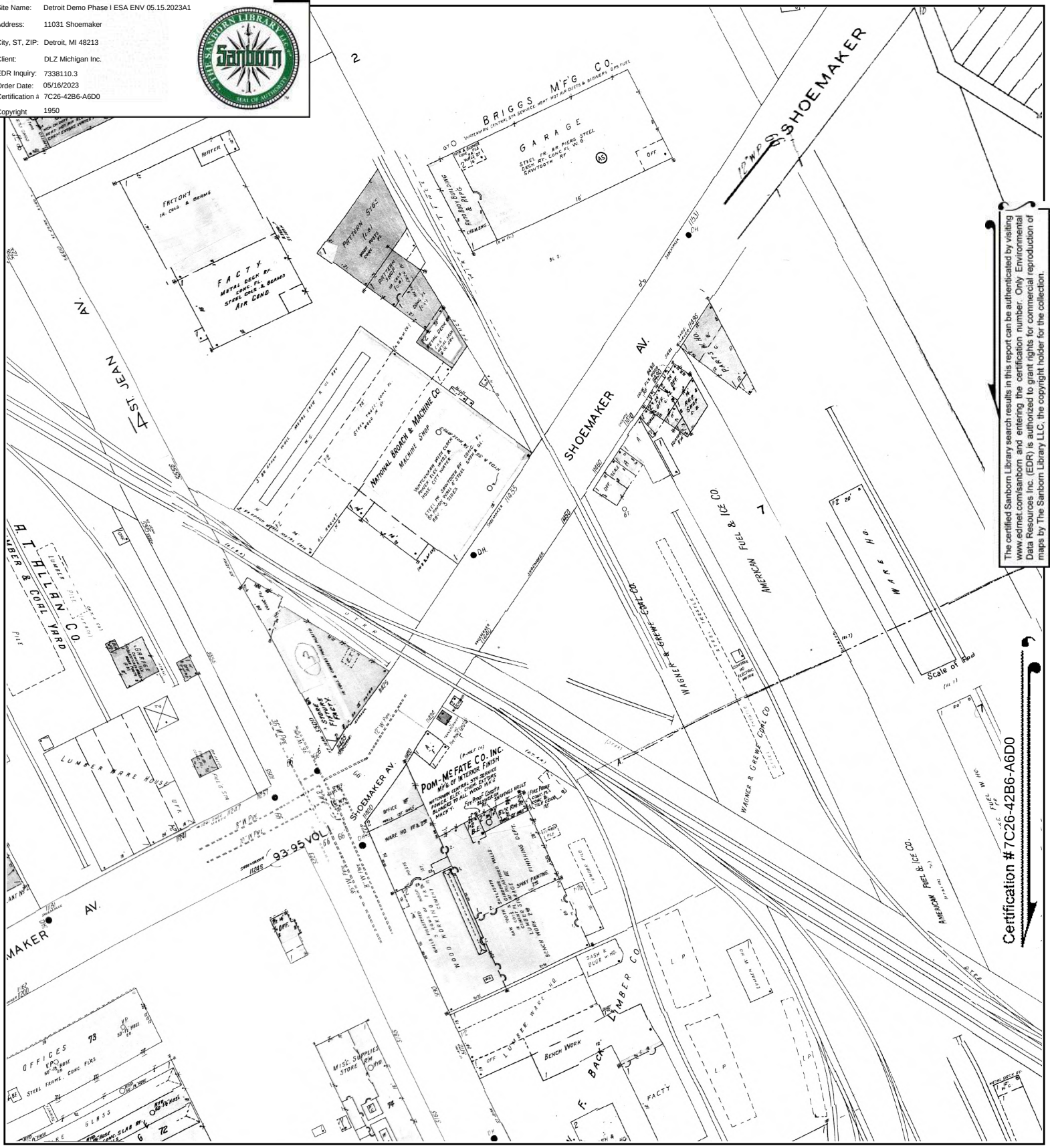
Volume 19, Sheet 14
Volume 19, Sheet 13
Volume 19, Sheet 16
Volume 19, Sheet 12

N

Certified Sanborn® Map

1950

Site Name: Detroit Demo Phase I ESA ENV 05.15.2023A1
Address: 11031 Shoemaker
City, ST, ZIP: Detroit, MI 48213
Client: DLZ Michigan Inc.
EDR Inquiry: 7338110.3
Order Date: 05/16/2023
Certification #: 7C26-42B6-A6D0
Copyright: 1950



Certification #7C26-42B6-A6D0

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This Certified Sanborn Map combines the following sheets.
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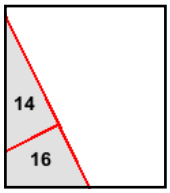

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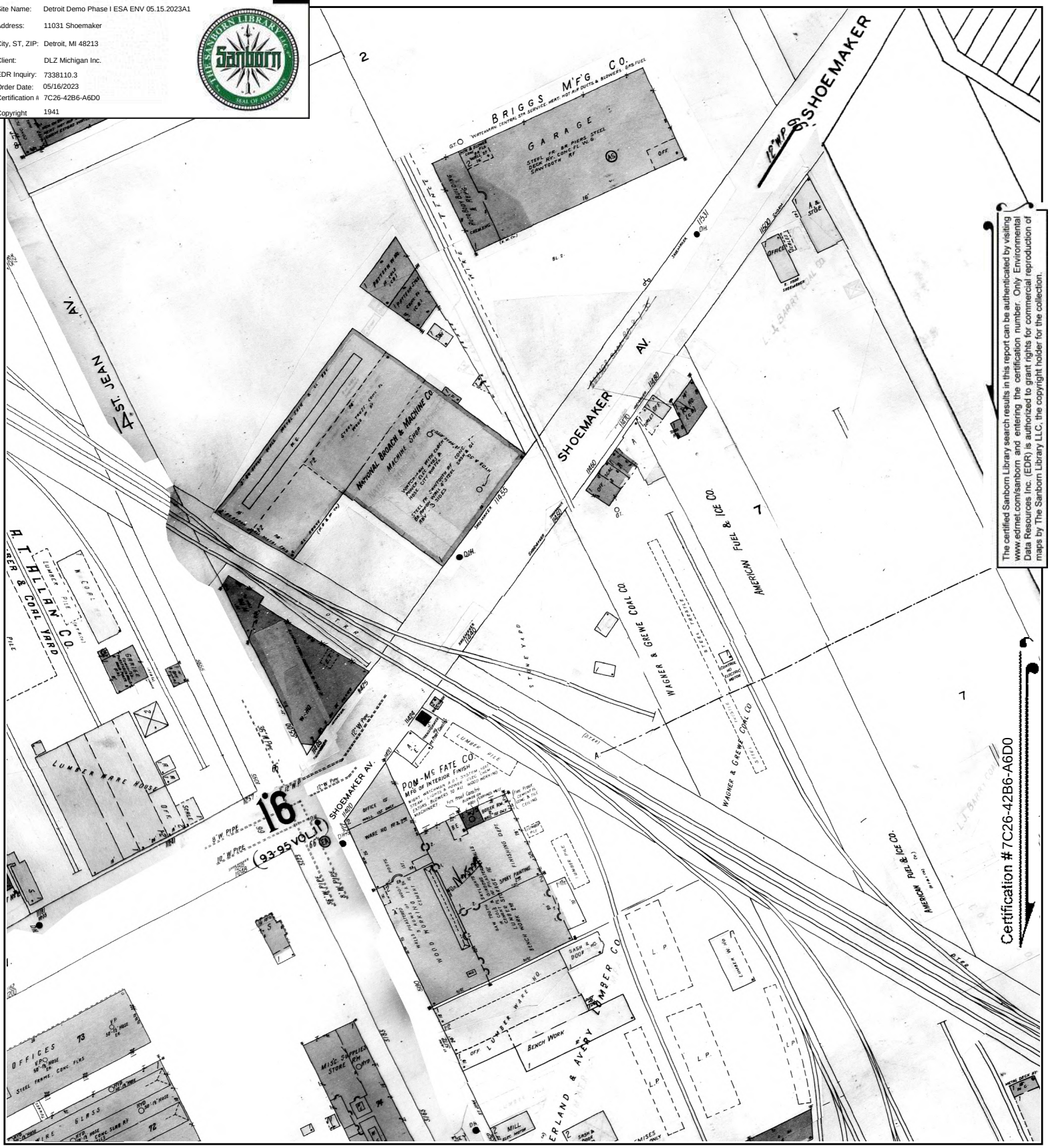
Volume 19, Sheet 14

N

Certified Sanborn® Map

1941

Site Name:	Detroit Demo Phase I ESA ENV 05.15.2023A1
Address:	11031 Shoemaker
City, ST, ZIP:	Detroit, MI 48213
Client:	DLZ Michigan Inc.
EDR Inquiry:	7338110.3
Order Date:	05/16/2023
Certification #	7C26-42B6-A6D0
Copyright	1941



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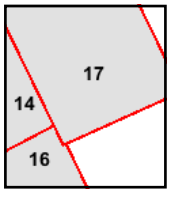

Volume 19, Sheet 13
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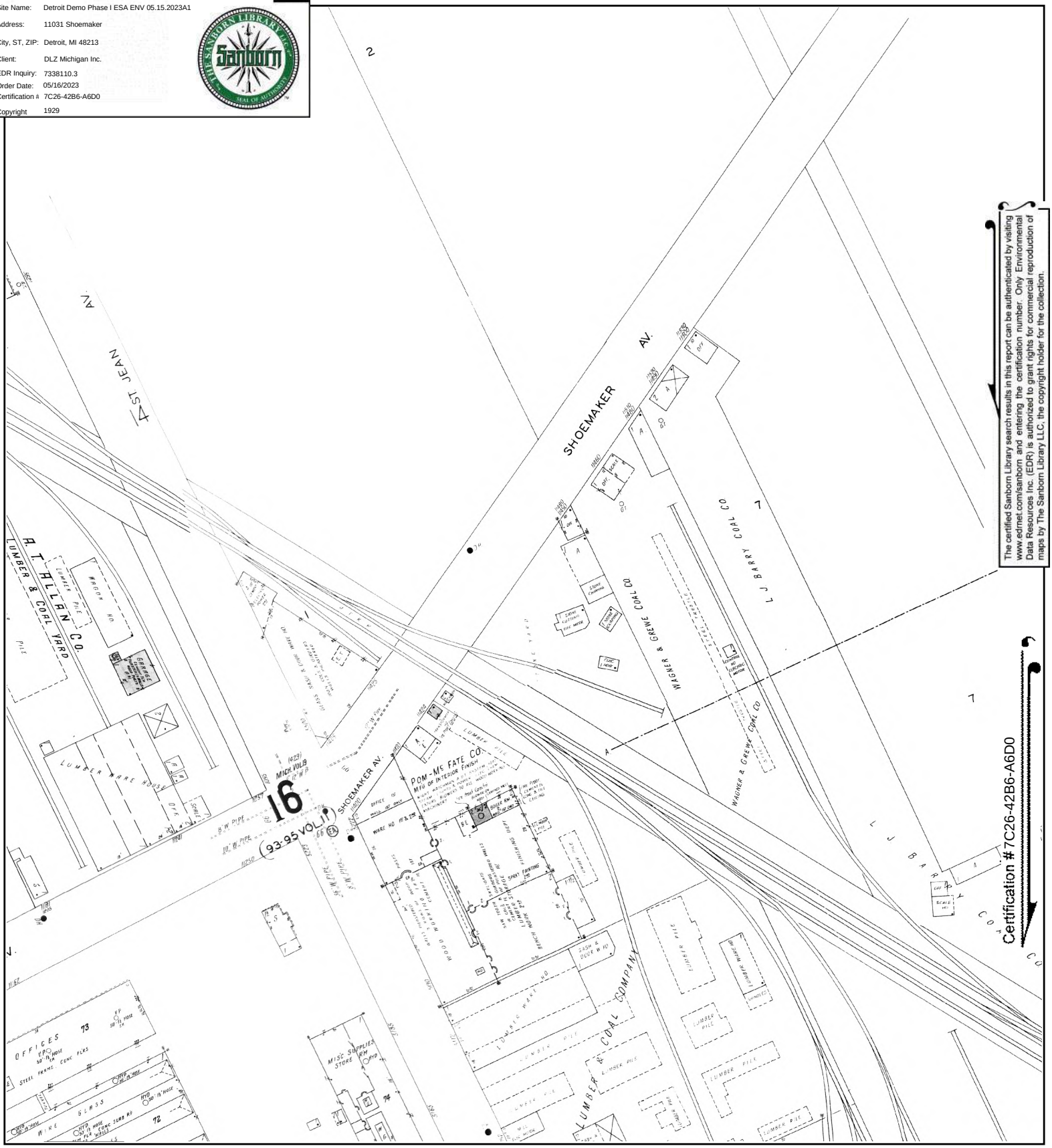
Volume 19, Sheet 12
Volume 19, Sheet 17
Volume 19, Sheet 16

N

Certified Sanborn® Map

1929

Site Name:	Detroit Demo Phase I ESA ENV 05.15.2023A1
Address:	11031 Shoemaker
City, ST, ZIP:	Detroit, MI 48213
Client:	DLZ Michigan Inc.
EDR Inquiry:	7338110.3
Order Date:	05/16/2023
Certification #	7C26-42B6-A6D0
Copyright	1929



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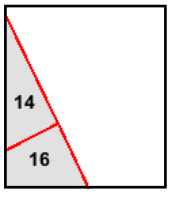

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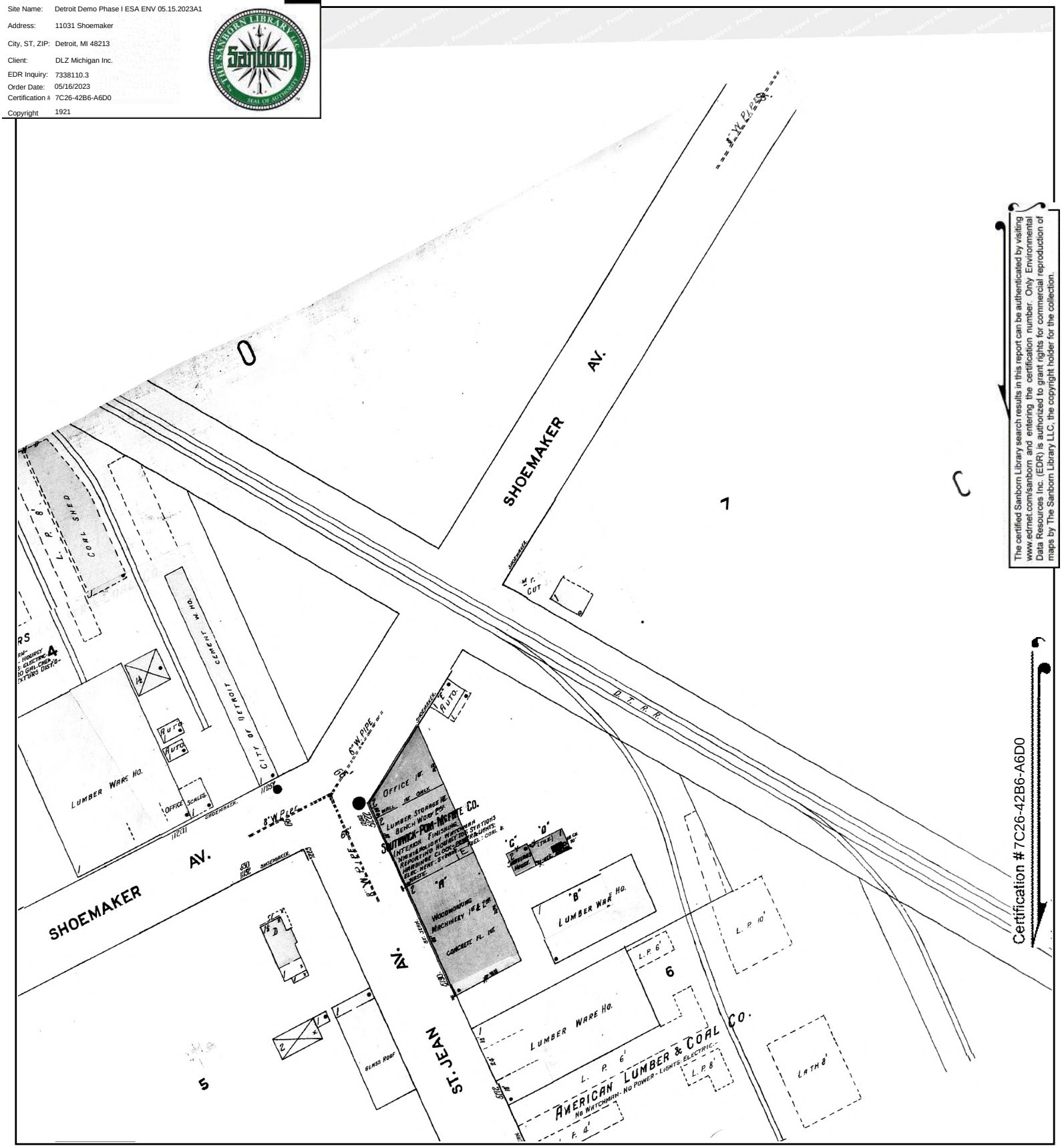
Volume 19, Sheet 12
Volume 19, Sheet 14
Volume 19, Sheet 13

N

Certified Sanborn® Map

1921

Site Name: Detroit Demo Phase I ESA ENV 05.15.2023A1
Address: 11031 Shoemaker
City, ST, ZIP: Detroit, MI 48213
Client: DLZ Michigan Inc.
EDR Inquiry: 7338110.3
Order Date: 05/16/2023
Certification #: 7C26-42B6-A6D0
Copyright: 1921



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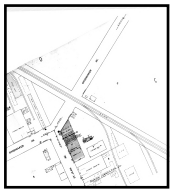

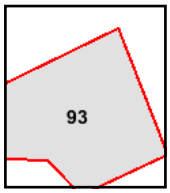

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Volume 11, Sheet 93

N

Detroit Demo Phase I ESA ENV 05.15.2023A1

11031 Shoemaker

Detroit, MI 48213

Inquiry Number: 7338110.3

May 16, 2023

Certified Sanborn® Map Report

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

Certified Sanborn® Map Report

05/16/23

Site Name:

Detroit Demo Phase I ESA EN\
11031 Shoemaker
Detroit, MI 48213
EDR Inquiry # 7338110.3

Client Name:

DLZ Michigan Inc.
1425 Keystone Avenue
Lansing, MI 48911
Contact: Madeline Stack

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

Certified Sanborn Results:

Certification # 7C26-42B6-A6D0

PO # NA

Project ENV 05.15.2023A1

Maps Provided:

2002	1950
1996	1941
1991	1929
1989	1921
1978	
1962	
1957	
1952	

Sanborn® Library search results

Certification #: 7C26-42B6-A6D0

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

The Sanborn Library LLC Since 1866™

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Sanborn Sheet Key

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2002 Source Sheets

Volume 19, Sheet 14
2002

Volume 19, Sheet 13
2002

Volume 19, Sheet 12
2002

Volume 19, Sheet 16
2002

Volume 19, Sheet 17
2002

Volume 19, Sheet 98
2002

1996 Source Sheets

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1996

Volume 19, Sheet 98
1996

Volume 19, Sheet 16
1996

Volume 19, Sheet 12
1996

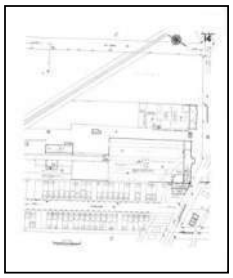
Volume 19, Sheet 13
1996

Volume 19, Sheet 14
1996

Sanborn Sheet Key

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

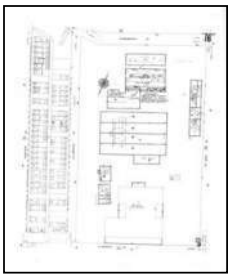
1991 Source Sheets



Volume 19, Sheet 14
1991

Volume 19, Sheet 13
1991

Volume 19, Sheet 12
1991



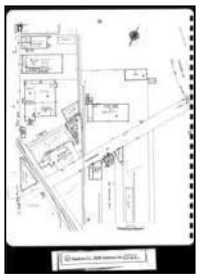
Volume 19, Sheet 16
1991

Volume 19, Sheet 17
1991

1989 Source Sheets

Volume 19, Sheet 16
1989

Volume 19, Sheet 17
1989



Volume 19, Sheet 17
1989

Volume 19, Sheet 11
1989

Volume 19, Sheet 98
1989

Volume 19, Sheet 16
1989

Volume 19, Sheet 12
1989

Volume 19, Sheet 13
1989

Volume 19, Sheet 98
1989

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1989

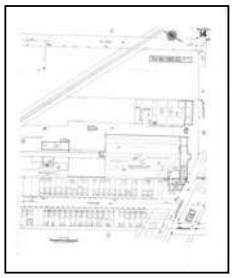
Sanborn Sheet Key

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

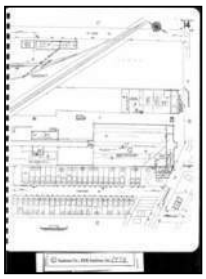
1989 Source Sheets

Volume 19, Sheet 12
1989

Volume 19, Sheet 14
1989


Volume 19, Sheet 14
1989

1978 Source Sheets


Volume 19, Sheet 14
1978

Volume 19, Sheet 12
1978

Volume 19, Sheet 16
1978

Volume 19, Sheet 13
1978

1962 Source Sheets

Volume 19, Sheet 11
1962

Volume 19, Sheet 16
1962

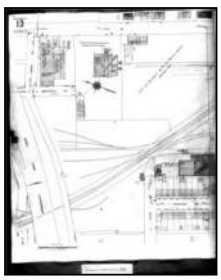
Volume 19, Sheet 13
1962

Volume 19, Sheet 12
1962

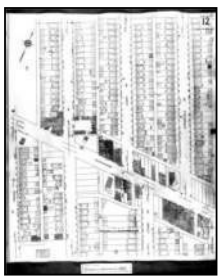
Volume 19, Sheet 14
1962

1957 Source Sheets

Volume 19, Sheet 14
1957


Volume 19, Sheet 13
1957

Volume 19, Sheet 16
1957


Volume 19, Sheet 12
1957

Volume 19, Sheet 17
1957

Sanborn Sheet Key

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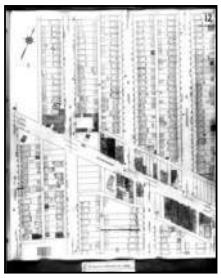
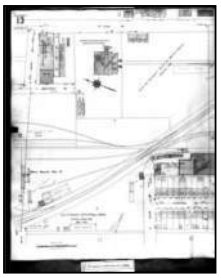
1952 Source Sheets

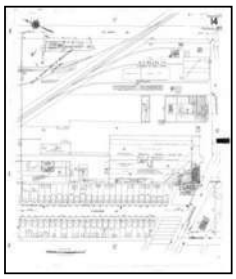

Volume 19, Sheet 12
1952

Volume 19, Sheet 16
1952

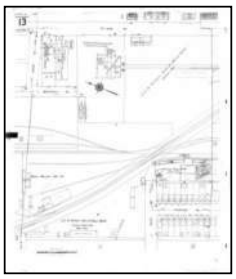

Volume 19, Sheet 13
1952

Volume 19, Sheet 14
1952

1950 Source Sheets


Volume 19, Sheet 14
1950

Volume 19, Sheet 12
1950


Volume 19, Sheet 13
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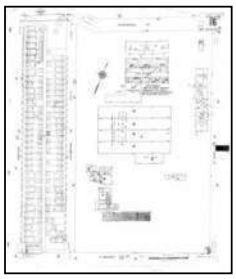
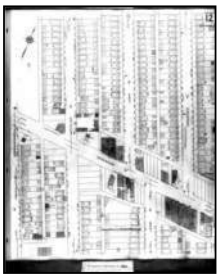

Volume 19, Sheet 16
1950

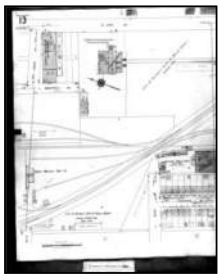
1941 Source Sheets

Volume 19, Sheet 16
1941

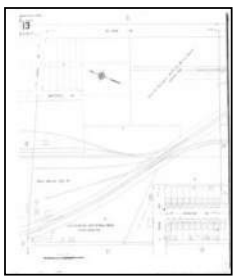
Volume 19, Sheet 17
1941

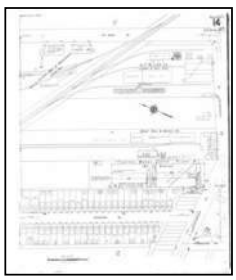

Volume 19, Sheet 12
1941

Volume 19, Sheet 14
1941


Volume 19, Sheet 13
1941

1929 Source Sheets


Volume 19, Sheet 13
1929


Volume 19, Sheet 14
1929

Volume 19, Sheet 12
1929

Volume 19, Sheet 16
1929

Sanborn Sheet Key

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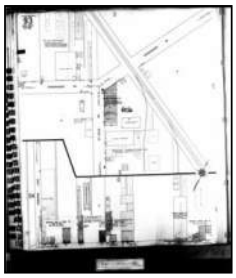
1921 Source Sheets



Volume 11, Sheet 93
1921

Volume 11, Sheet 95
1921

Certified Sanborn® Map

2002

Site Name: Detroit Demo Phase I ESA ENV 05.15.2023A1
Address: 11031 Shoemaker
City, ST, ZIP: Detroit, MI 48213
Client: DLZ Michigan Inc.
EDR Inquiry: 7338110.3
Order Date: 05/16/2023
Certification #: 7C26-42B6-A6D0
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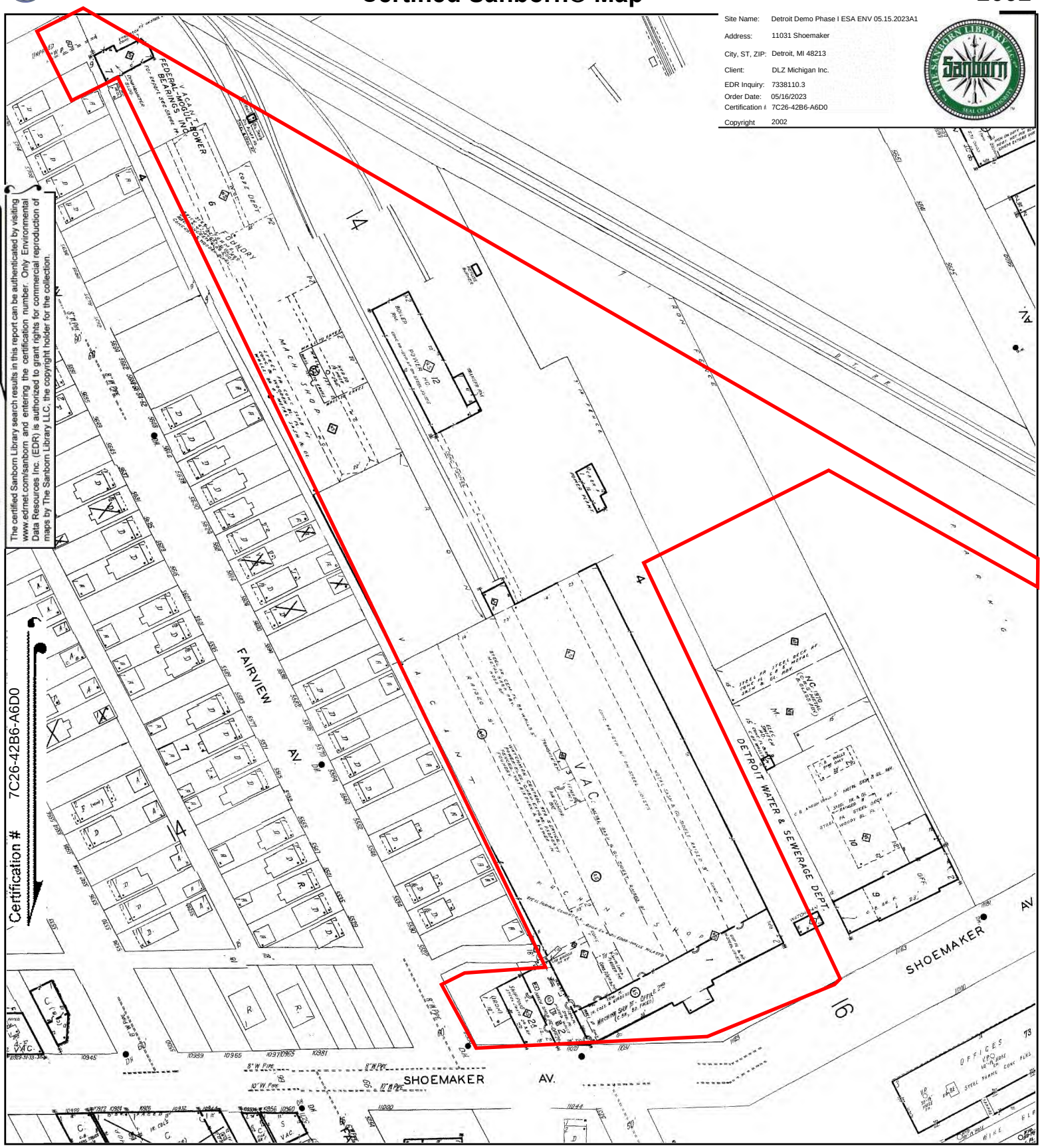

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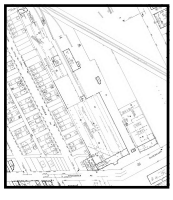

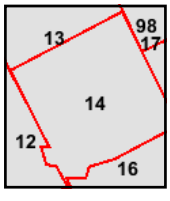

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Volume 19, Sheet 17
Volume 19, Sheet 16
Volume 19, Sheet 12
Volume 19, Sheet 13
Volume 19, Sheet 14

0 Feet 150 300 600

N

Certified Sanborn® Map

1996

Site Name: Detroit Demo Phase I ESA ENV 05.15.2023A1
Address: 11031 Shoemaker
City, ST, ZIP: Detroit, MI 48213
Client: DLZ Michigan Inc.
EDR Inquiry: 7338110.3
Order Date: 05/16/2023
Certification #: 7C26-42B6-A6D0
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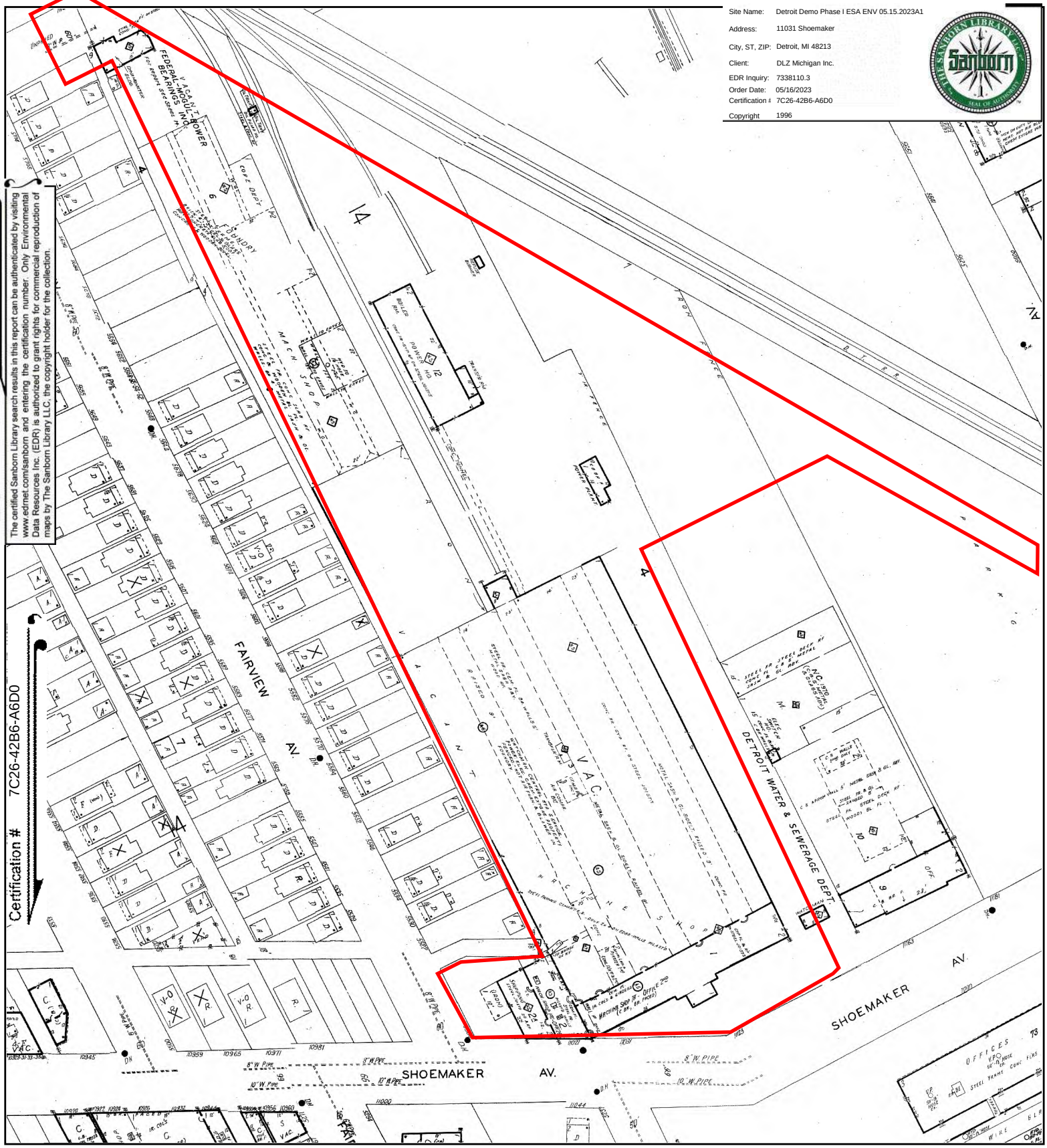

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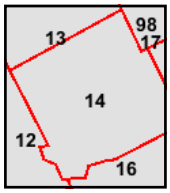

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Volume 19, Sheet 13
Volume 19, Sheet 12
Volume 19, Sheet 16
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Volume 19, Sheet 17

N

Certified Sanborn® Map

1991

Site Name: Detroit Demo Phase I ESA ENV 05.15.2023A1
Address: 11031 Shoemaker
City, ST, ZIP: Detroit, MI 48213
Client: DLZ Michigan Inc.
EDR Inquiry: 7338110.3
Order Date: 05/16/2023
Certification #: 7C26-42B6-A6D0
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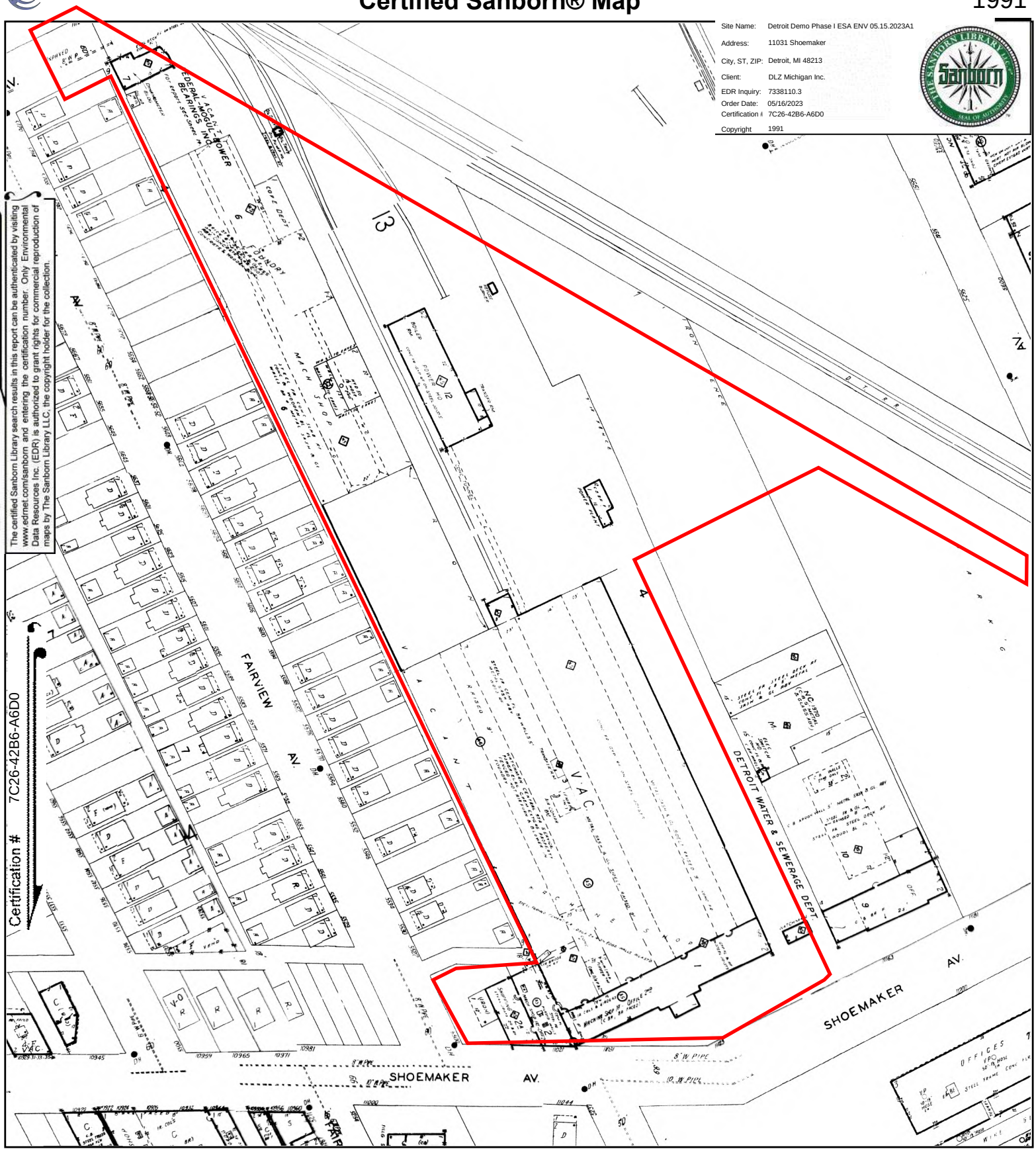

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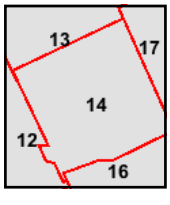

Volume 19, Sheet 17
Volume 19, Sheet 16
Volume 19, Sheet 12
Volume 19, Sheet 13
Volume 19, Sheet 14

N

Certified Sanborn® Map

1989

Site Name:	Detroit Demo Phase I ESA ENV 05.15.2023A1
Address:	11031 Shoemaker
City, ST, ZIP:	Detroit, MI 48213
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Certification #:	7C26-42B6-A6D0
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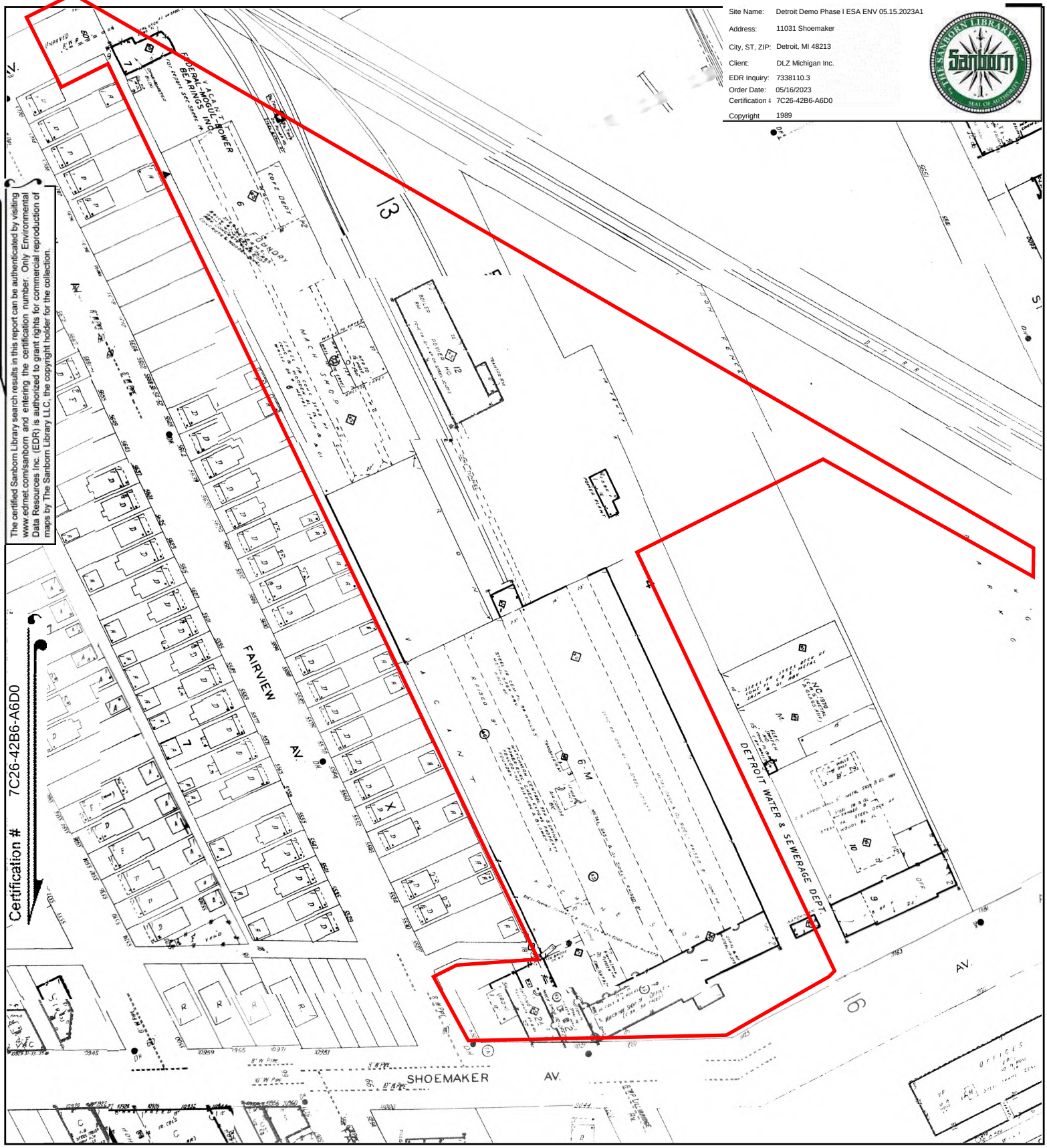

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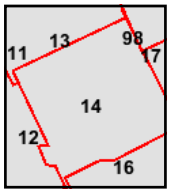

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Volume 19, Sheet 13
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Volume 19, Sheet 12
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0 Feet 150 300 600

N

Certified Sanborn® Map

1978

Site Name: Detroit Demo Phase I ESA ENV 05.15.2023A1
Address: 11031 Shoemaker
City, ST, ZIP: Detroit, MI 48213
Client: DLZ Michigan Inc.
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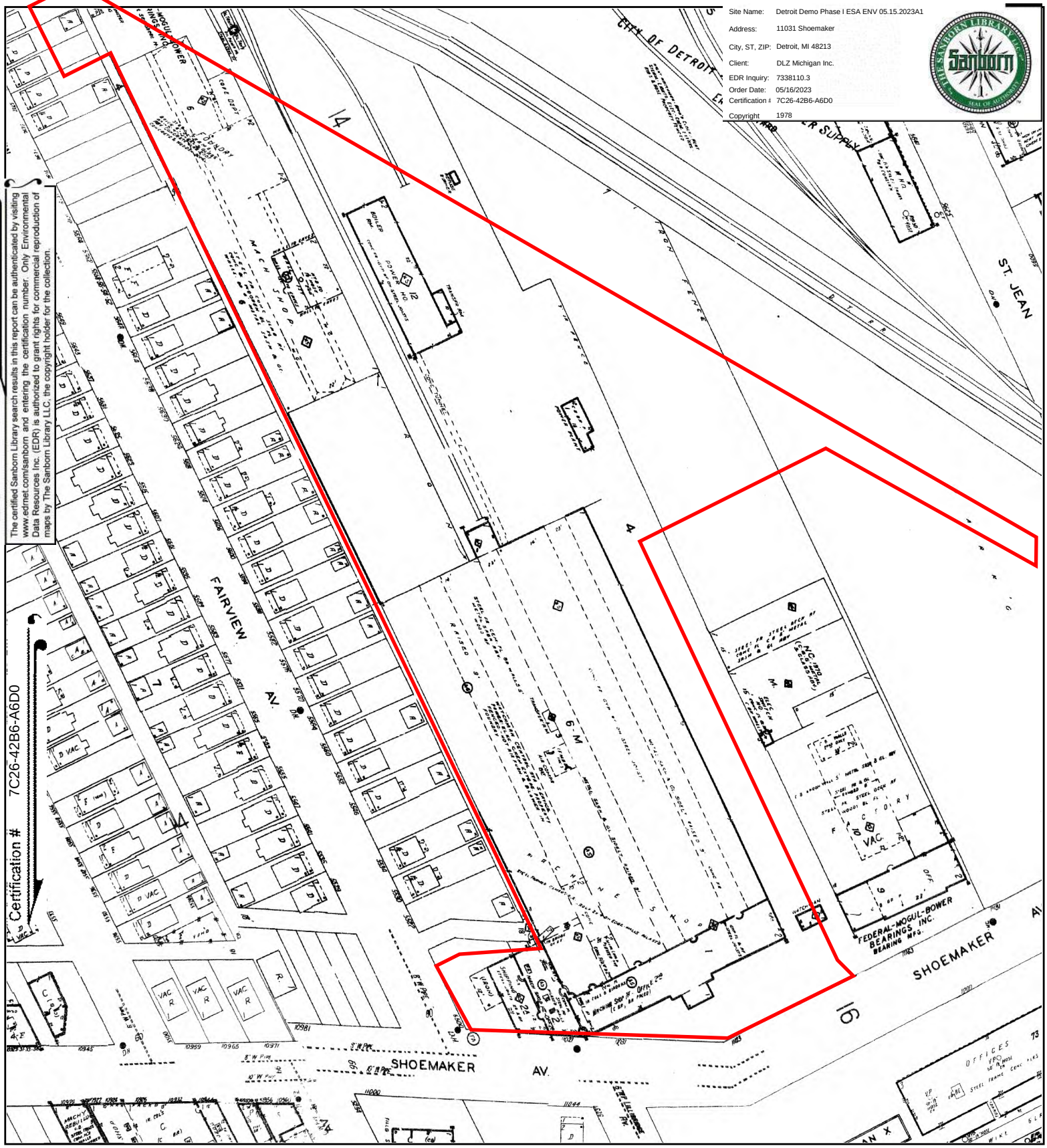

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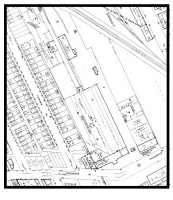

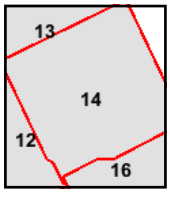

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Volume 19, Sheet 14

N

Certified Sanborn® Map

1962

Site Name: Detroit Demo Phase I ESA ENV 05.15.2023A1
Address: 11031 Shoemaker
City, ST, ZIP: Detroit, MI 48213
Client: DLZ Michigan Inc.
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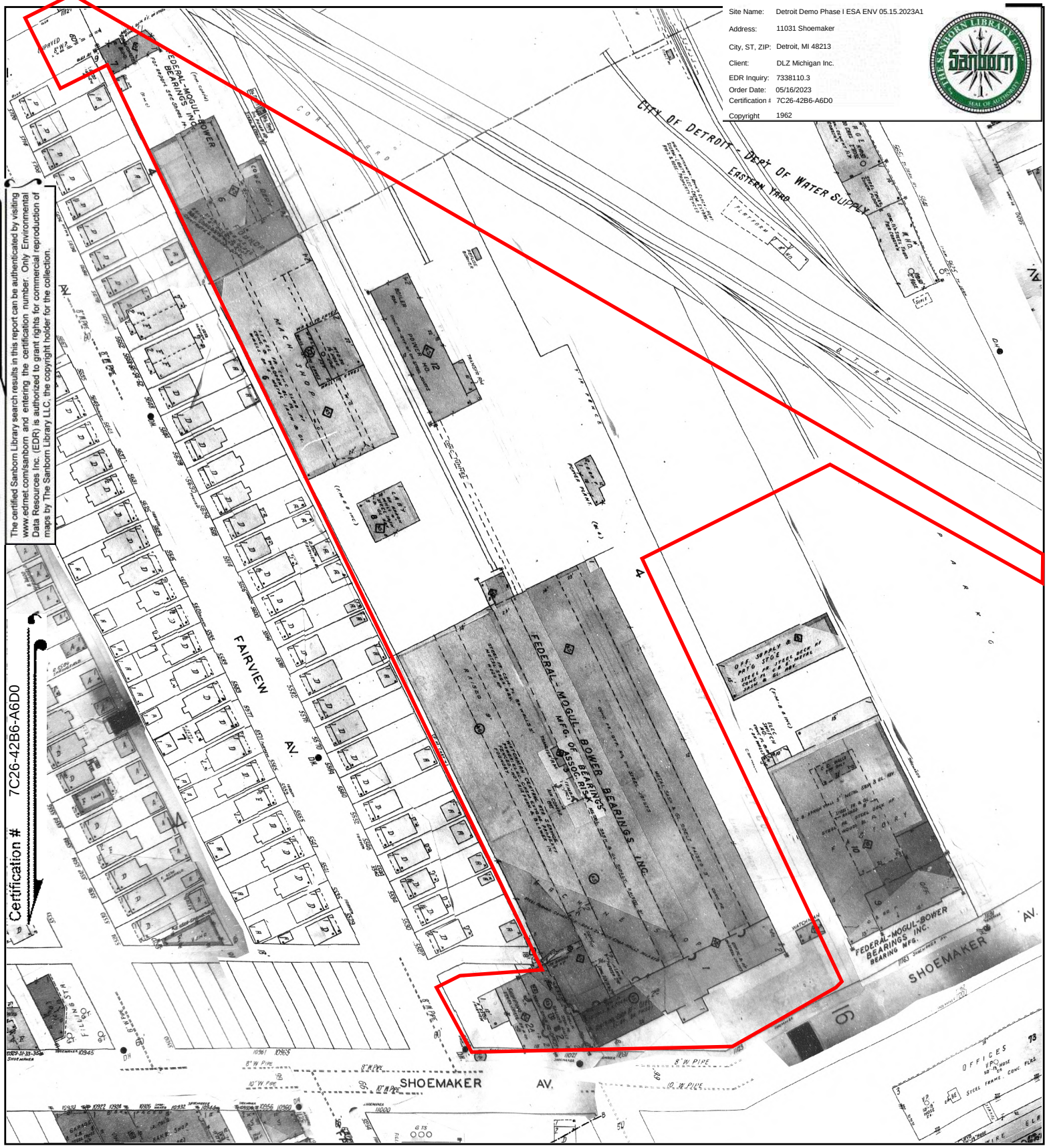

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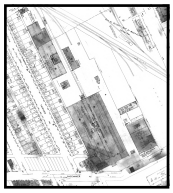

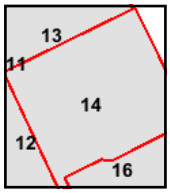

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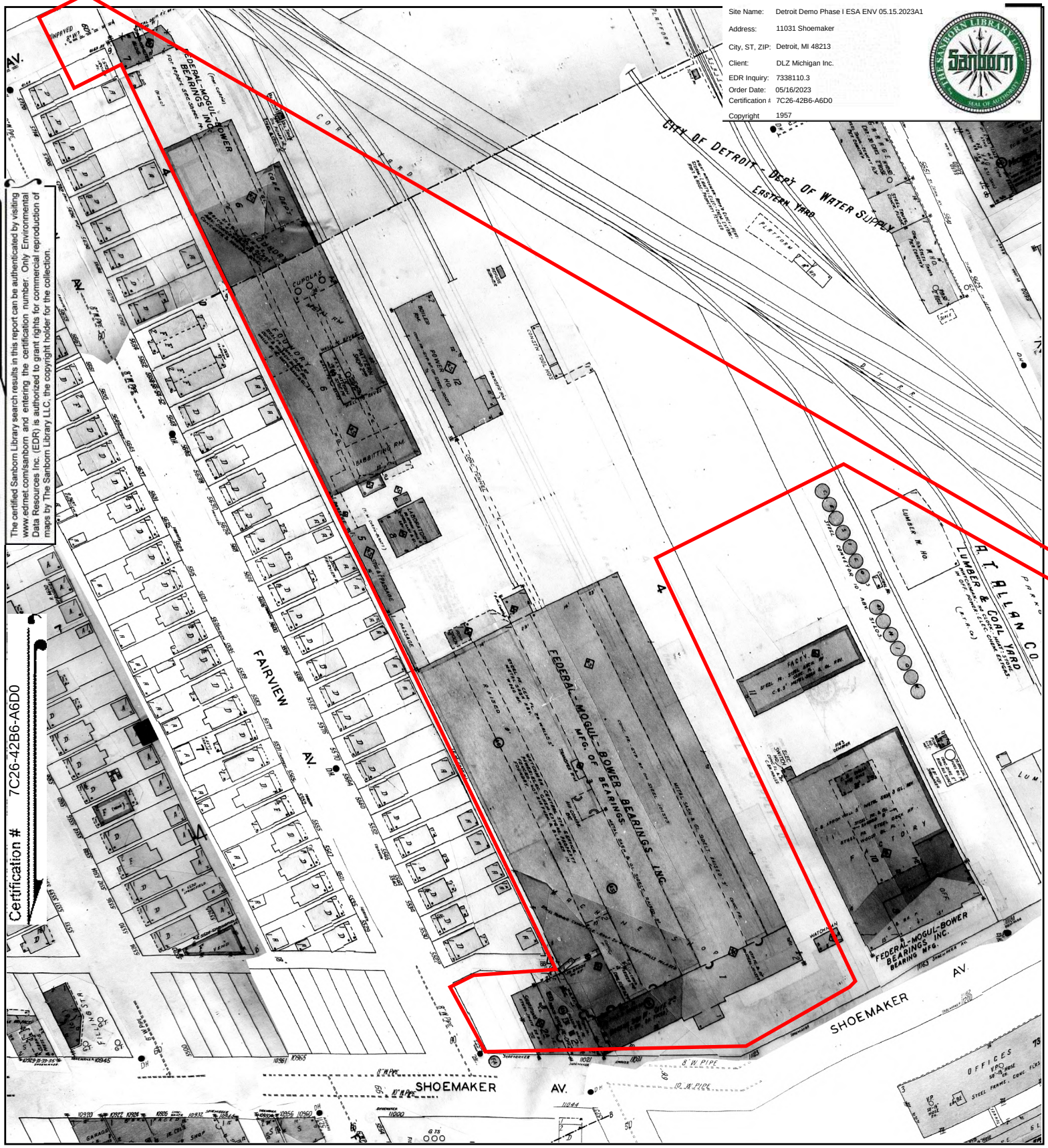
0 Feet 150 300 600

N

Certified Sanborn® Map

1957

Site Name:	Detroit Demo Phase I ESA ENV 05.15.2023A1
Address:	11031 Shoemaker
City, ST, ZIP:	Detroit, MI 48213
Client:	DLZ Michigan Inc.
EDR Inquiry:	7338110.3
Order Date:	05/16/2023
Certification #	7C26-42B6-A6D0
Copyright	1957



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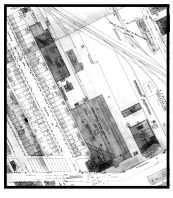

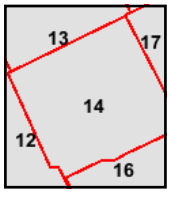

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Volume 19, Sheet 14

0 Feet 150 300 600

N

Certified Sanborn® Map

1952

Site Name: Detroit Demo Phase I ESA ENV 05.15.2023A1
Address: 11031 Shoemaker
City, ST, ZIP: Detroit, MI 48213
Client: DLZ Michigan Inc.
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Copyright 1952

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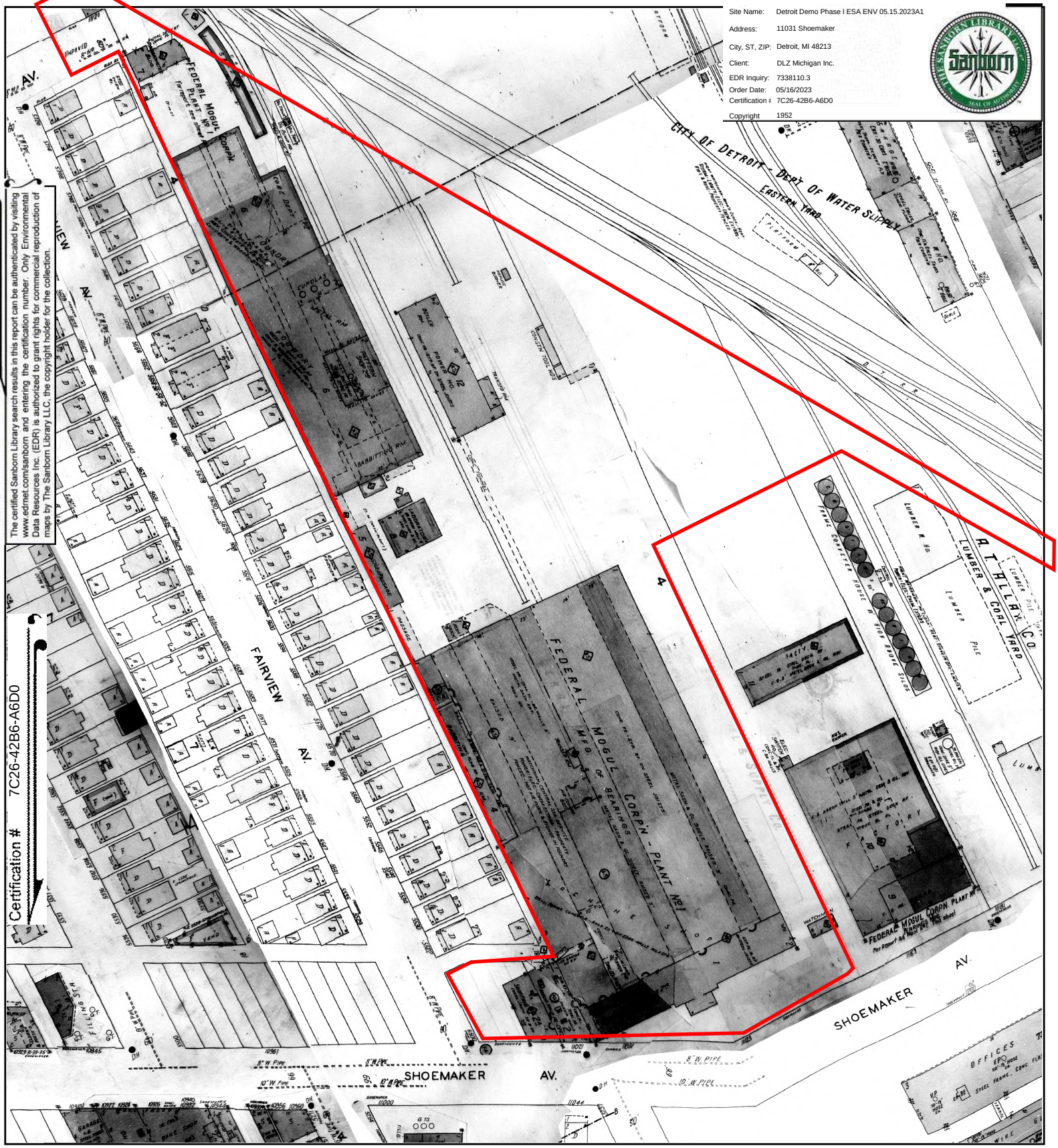

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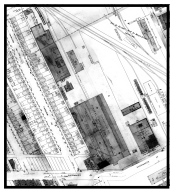

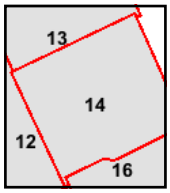

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N

Certified Sanborn® Map

1950

Site Name:	Detroit Demo Phase I ESA ENV 05.15.2023A1
Address:	11031 Shoemaker
City, ST, ZIP:	Detroit, MI 48213
Client:	DLZ Michigan Inc.
EDR Inquiry:	7338110.3
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Copyright	1950

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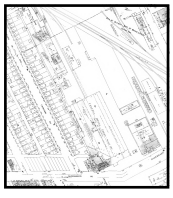

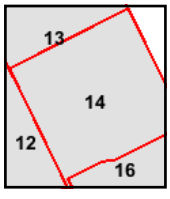

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1941

Site Name: Detroit Demo Phase I ESA ENV 05.15.2023A1
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City, ST, ZIP: Detroit, MI 48213
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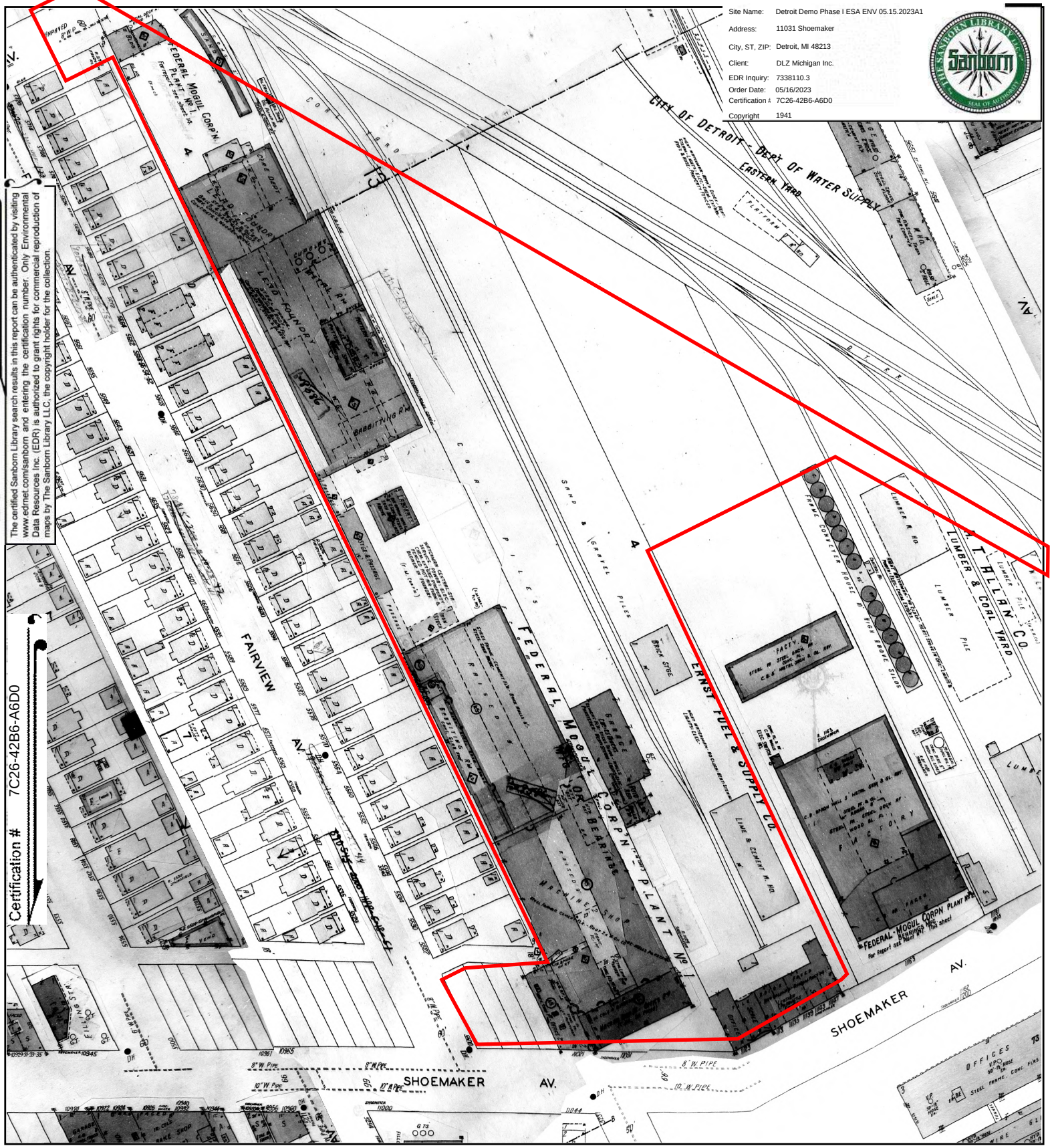

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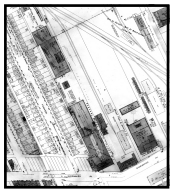

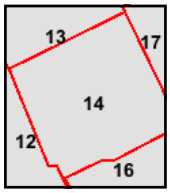

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N

Site Name: Detroit Demo Phase I ESA ENV 05.15.2023A1
Address: 11031 Shoemaker
City, ST, ZIP: Detroit, MI 48213
Client: DLZ Michigan Inc.
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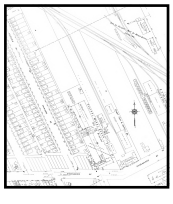

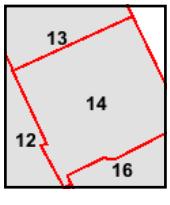

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Site Name: Detroit Demo Phase I ESA ENV 05.15.2023A1
Address: 11031 Shoemaker
City, ST, ZIP: Detroit, MI 48213
Client: DLZ Michigan Inc.
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Order Date: 05/16/2023
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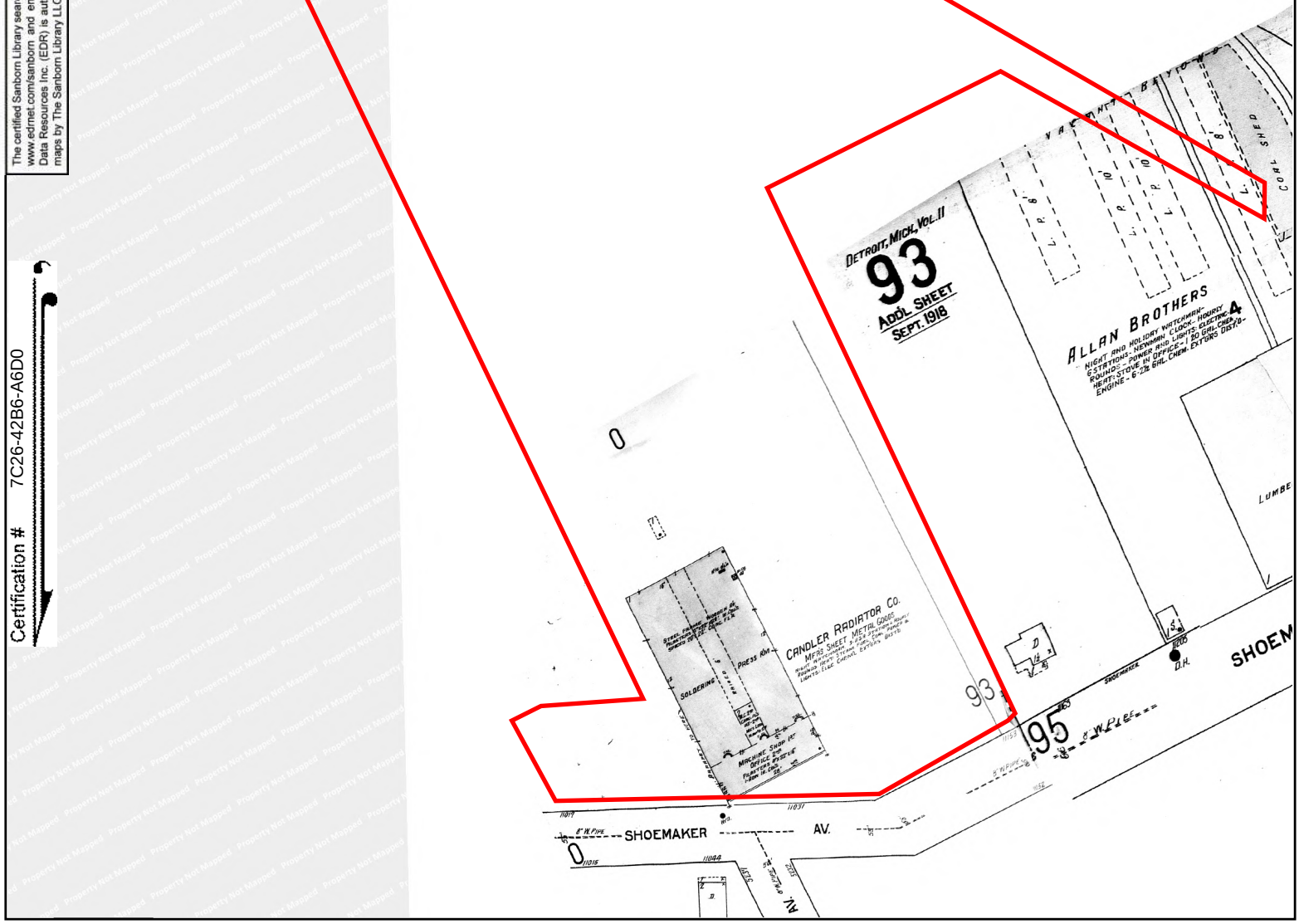

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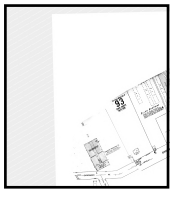

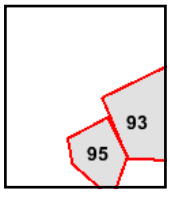

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Detroit Demo Phase I ESA ENV 05.15.2023A1

11031 Shoemaker

Detroit, MI 48213

Inquiry Number: 7338110.3

May 16, 2023

Certified Sanborn® Map Report

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Shelton, CT 06484
Toll Free: 800.352.0050
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Certified Sanborn® Map Report

05/16/23

Site Name:

Detroit Demo Phase I ESA EN\
11031 Shoemaker
Detroit, MI 48213
EDR Inquiry # 7338110.3

Client Name:

DLZ Michigan Inc.
1425 Keystone Avenue
Lansing, MI 48911
Contact: Madeline Stack

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Certified Sanborn Results:

Certification # 7C26-42B6-A6D0

PO # NA

Project ENV 05.15.2023A1

Maps Provided:

2002	1950
1996	1941
1991	1929
1989	
1978	
1962	
1957	
1952	

Sanborn® Library search results

Certification #: 7C26-42B6-A6D0

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

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Sanborn Sheet Key

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2002 Source Sheets

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2002

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1996 Source Sheets

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1996

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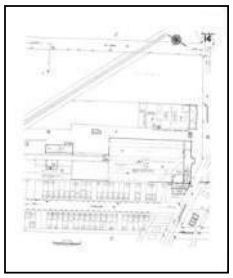
1996

Sanborn Sheet Key

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

1991 Source Sheets



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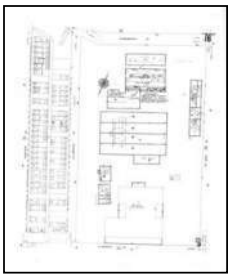

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1989 Source Sheets

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1989

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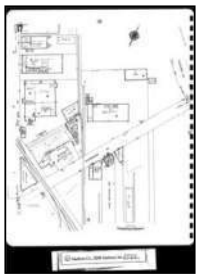
1989



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1989

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1989

Sanborn Sheet Key

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

1989 Source Sheets

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1989

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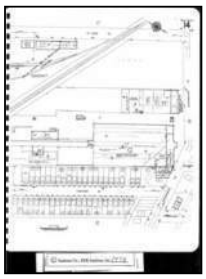
1989

1978 Source Sheets


Volume 19, Sheet 14
1978

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1962 Source Sheets

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1962

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1962

1957 Source Sheets

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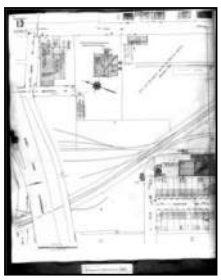
1957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1957

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1957

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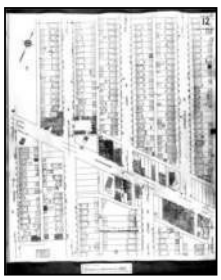
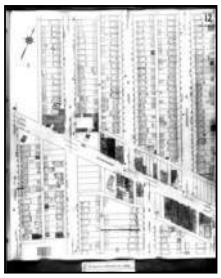
1957


Volume 19, Sheet 12
1957

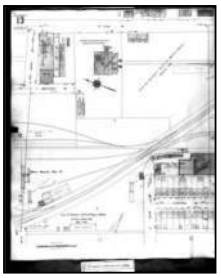
Sanborn Sheet Key

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

1952 Source Sheets

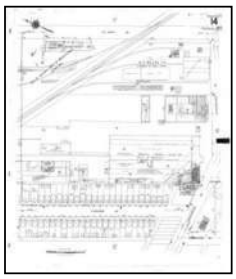

Volume 19, Sheet 12
1952

Volume 19, Sheet 16
1952

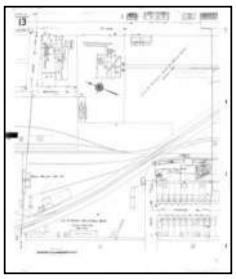

Volume 19, Sheet 13
1952

Volume 19, Sheet 14
1952

1950 Source Sheets


Volume 19, Sheet 14
1950

Volume 19, Sheet 12
1950


Volume 19, Sheet 13
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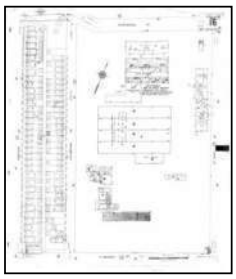
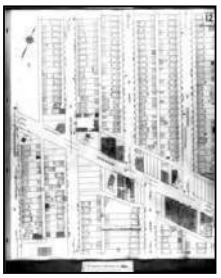

Volume 19, Sheet 16
1950

1941 Source Sheets

Volume 19, Sheet 16
1941

Volume 19, Sheet 17
1941


Volume 19, Sheet 12
1941

Volume 19, Sheet 14
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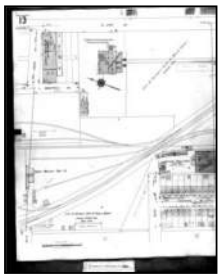
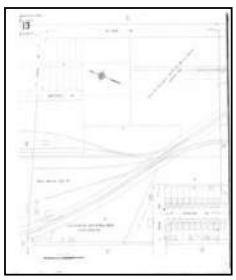
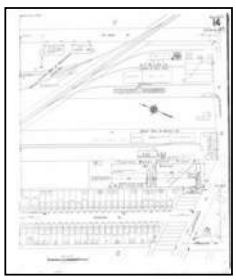

Volume 19, Sheet 13
1941

1929 Source Sheets


Volume 19, Sheet 13
1929


Volume 19, Sheet 14
1929

Volume 19, Sheet 12
1929

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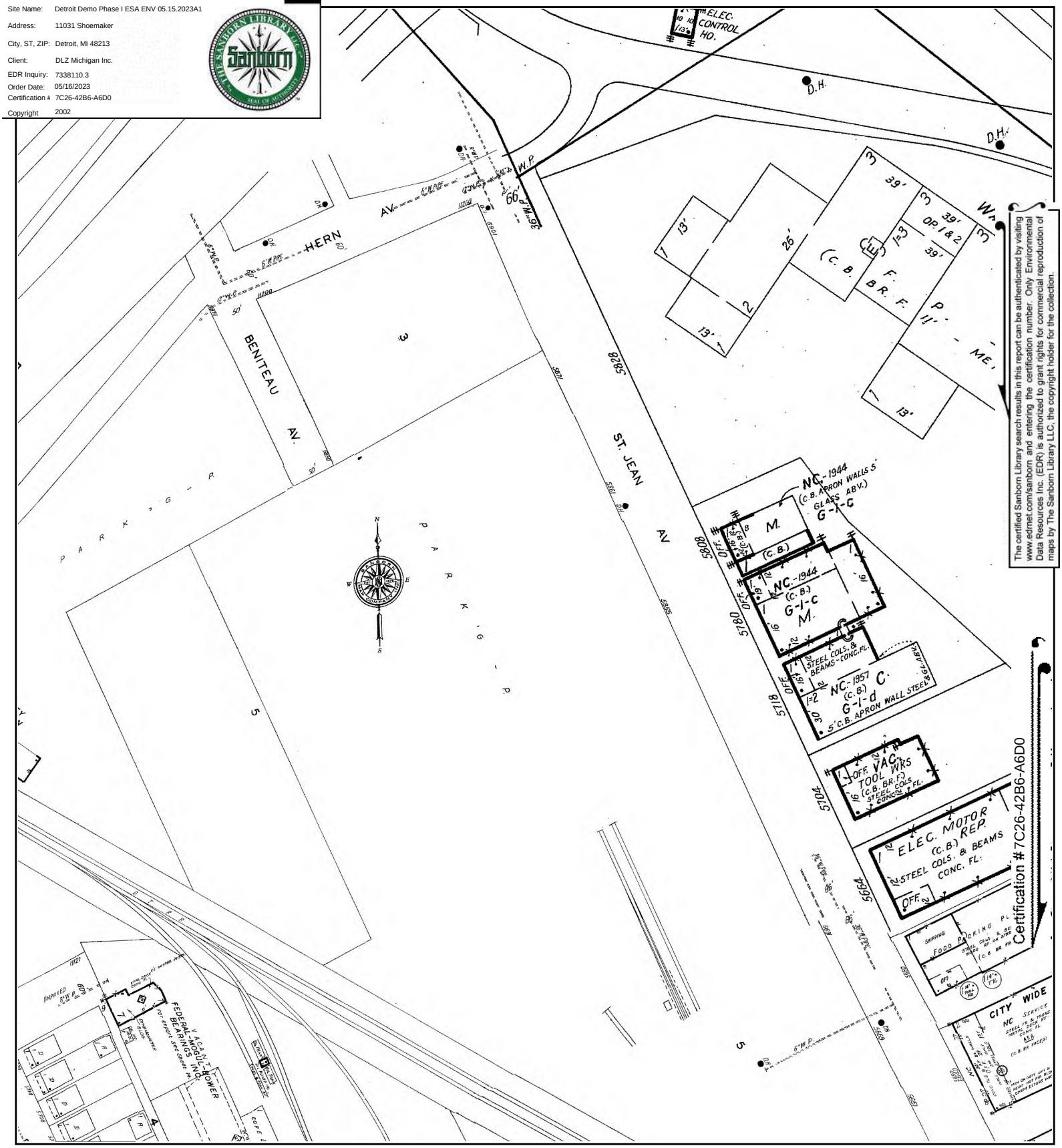
1929

Certified Sanborn® Map

2002

Site Name: Detroit Demo Phase I ESA ENV 05.15.2023A1
Address: 11031 Shoemaker
City, ST, ZIP: Detroit, MI 48213
Client: DLZ Michigan Inc.
EDR Inquiry: 7338110.3
Order Date: 05/16/2023
Certification #: 7C26-42B6-A6D0
Copyright 2002



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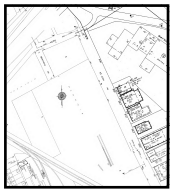

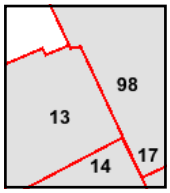

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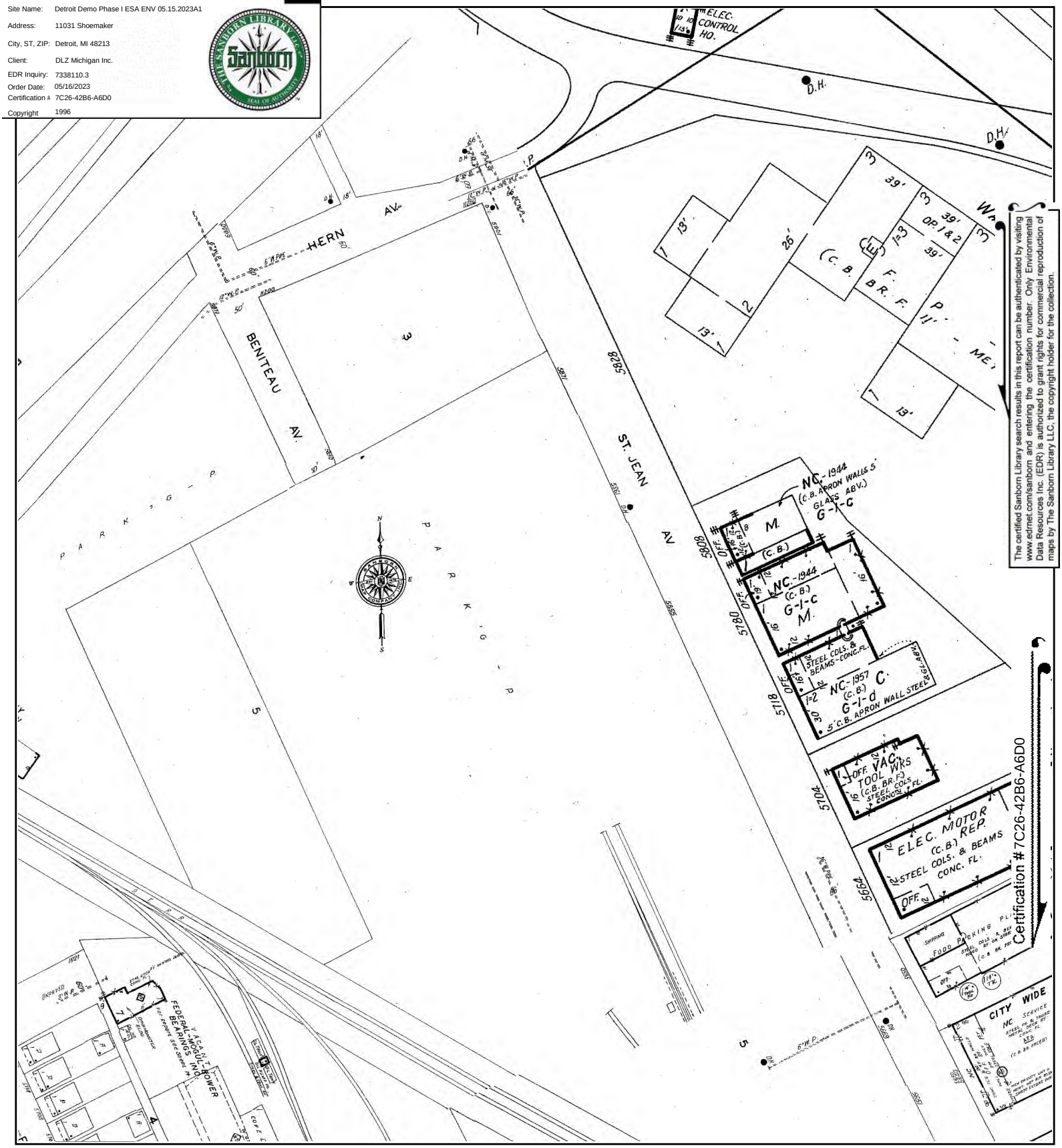
Volume 19, Sheet 16
Volume 19, Sheet 12
Volume 19, Sheet 13
Volume 19, Sheet 14

N

Certified Sanborn® Map

1996

Site Name:	Detroit Demo Phase I ESA ENV 05.15.2023A1
Address:	11031 Shoemaker
City, ST, ZIP:	Detroit, MI 48213
Client:	DLZ Michigan Inc.
EDR Inquiry:	7338110.3
Order Date:	05/16/2023
Certification #	7C26-42B6-A6D0
Copyright	1996



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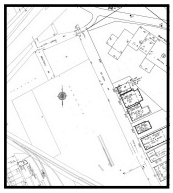

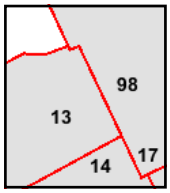

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N

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1991

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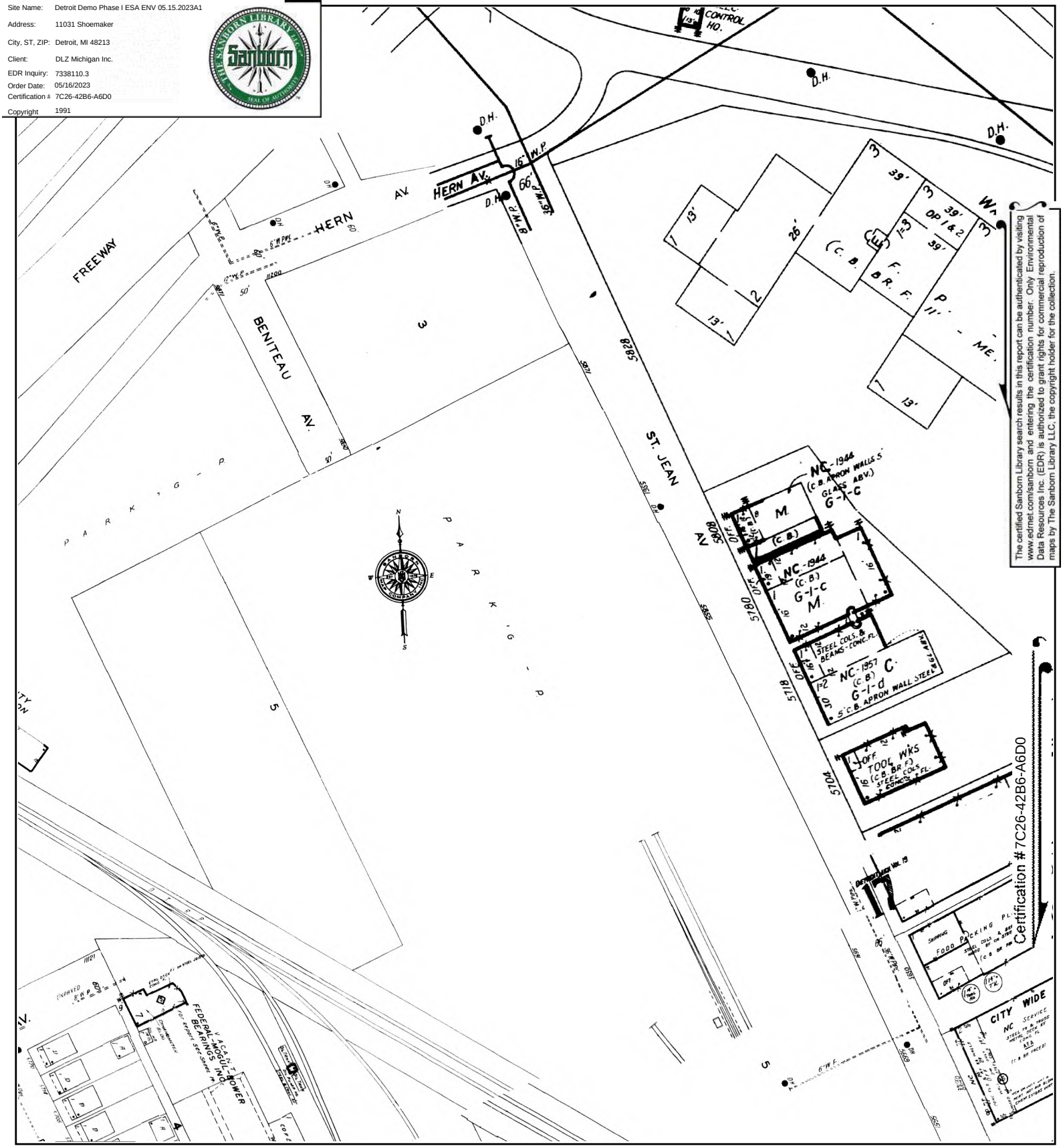
City, ST, ZIP: Detroit, MI 48213
Client: DLZ Michigan Inc.
EDR Inquiry: 7338110.3
Order Date: 05/16/2023
Certification #: 7C26-42B6-A6D0
Copyright 1991



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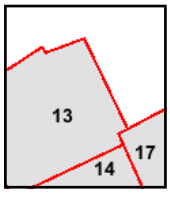

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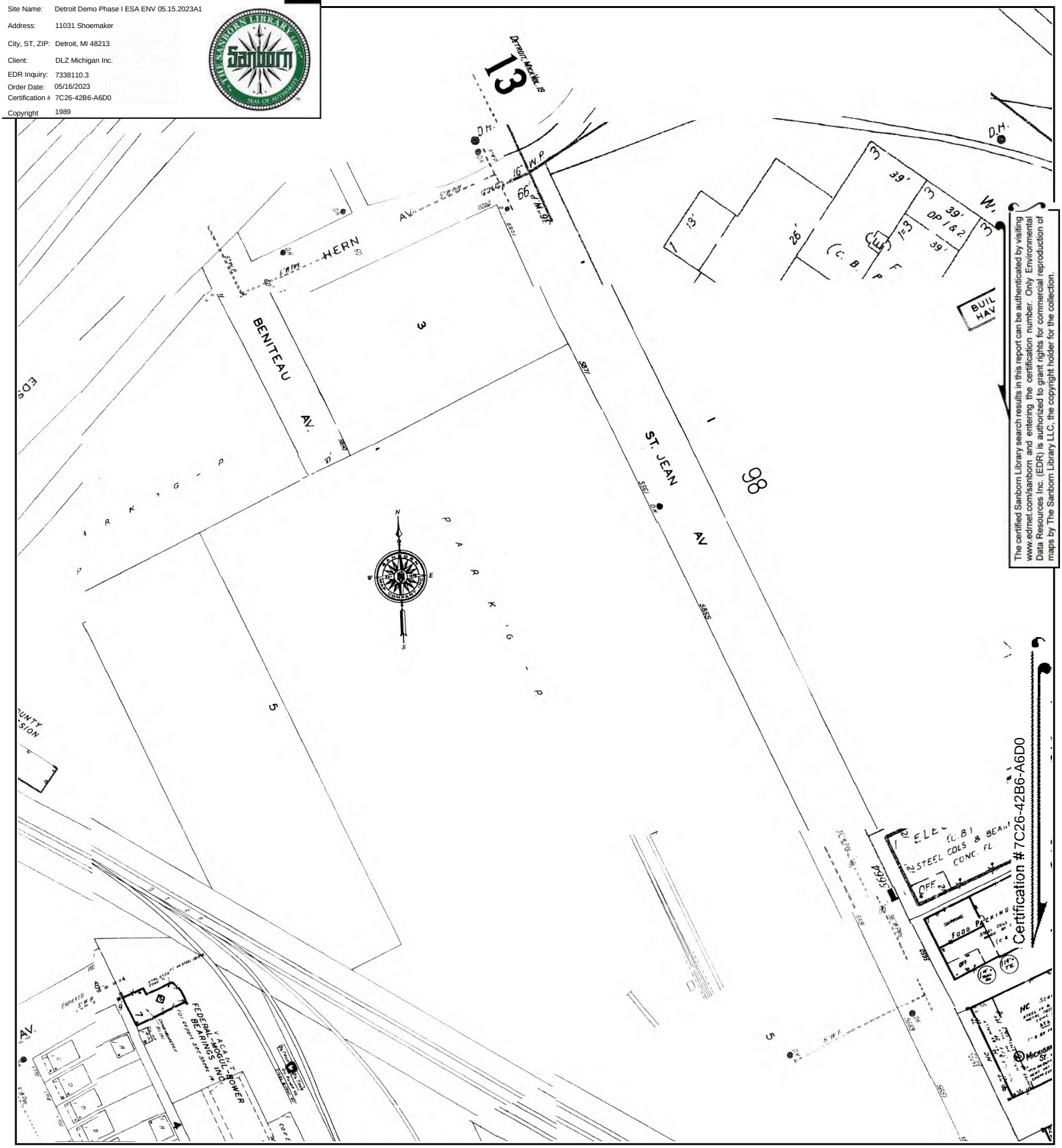
N

Certified Sanborn® Map

1989

Site Name: Detroit Demo Phase I ESA ENV 05.15.2023A1
Address: 11031 Shoemaker
City, ST, ZIP: Detroit, MI 48213
Client: DLZ Michigan Inc.
EDR Inquiry: 7338110.3
Order Date: 05/16/2023
Certification #: 7C26-42B6-A6D0
Copyright: 1989



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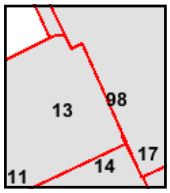

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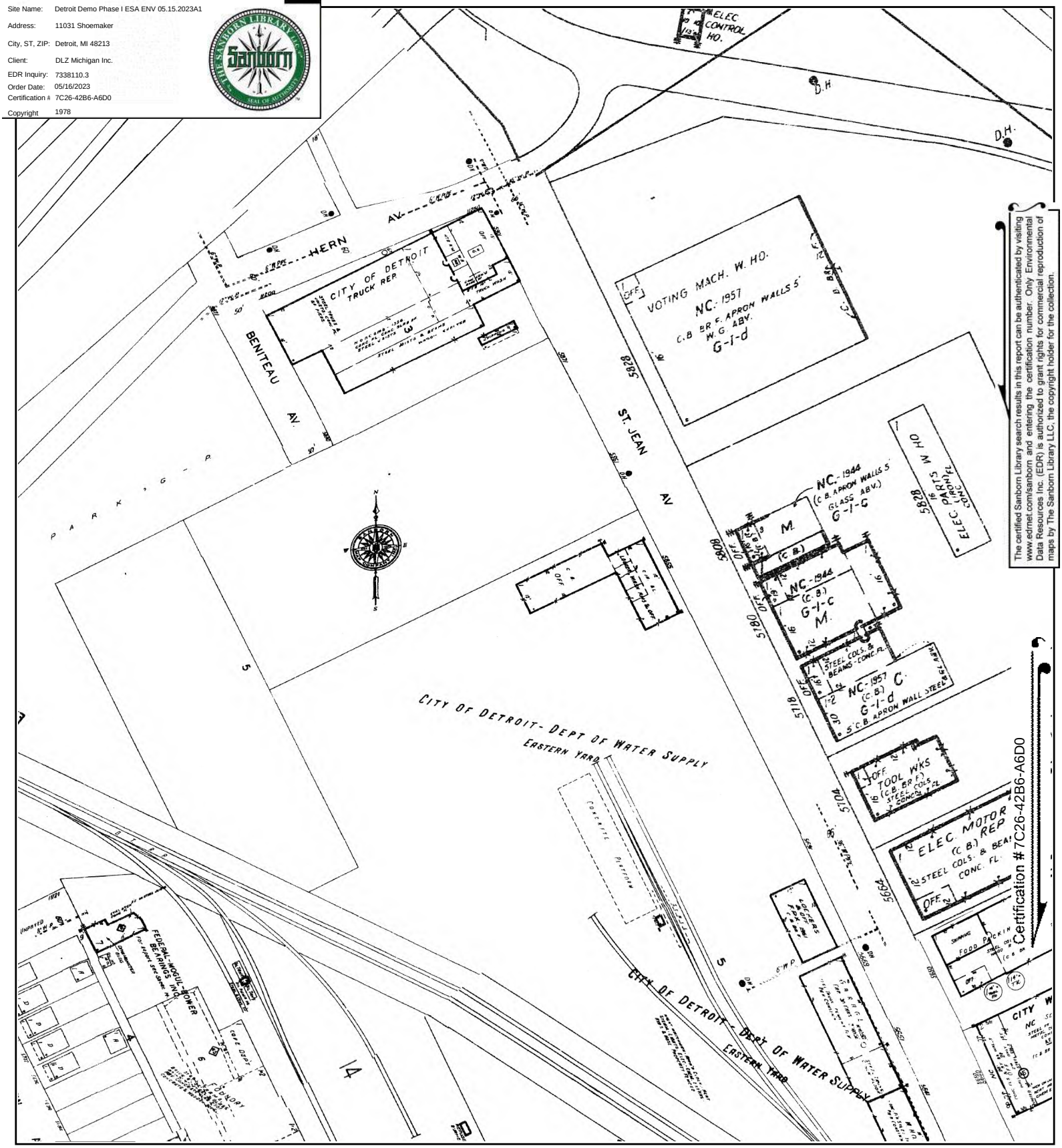
N

Certified Sanborn® Map

1978

Site Name: Detroit Demo Phase I ESA ENV 05.15.2023A1
Address: 11031 Shoemaker
City, ST, ZIP: Detroit, MI 48213
Client: DLZ Michigan Inc.
EDR Inquiry: 7338110.3
Order Date: 05/16/2023
Certification #: 7C26-42B6-A6D0

Copyright 1978



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Certification #7C26-42B6-A6D0

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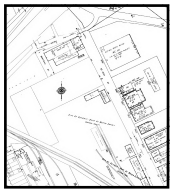

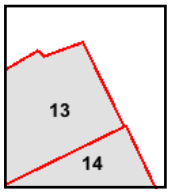

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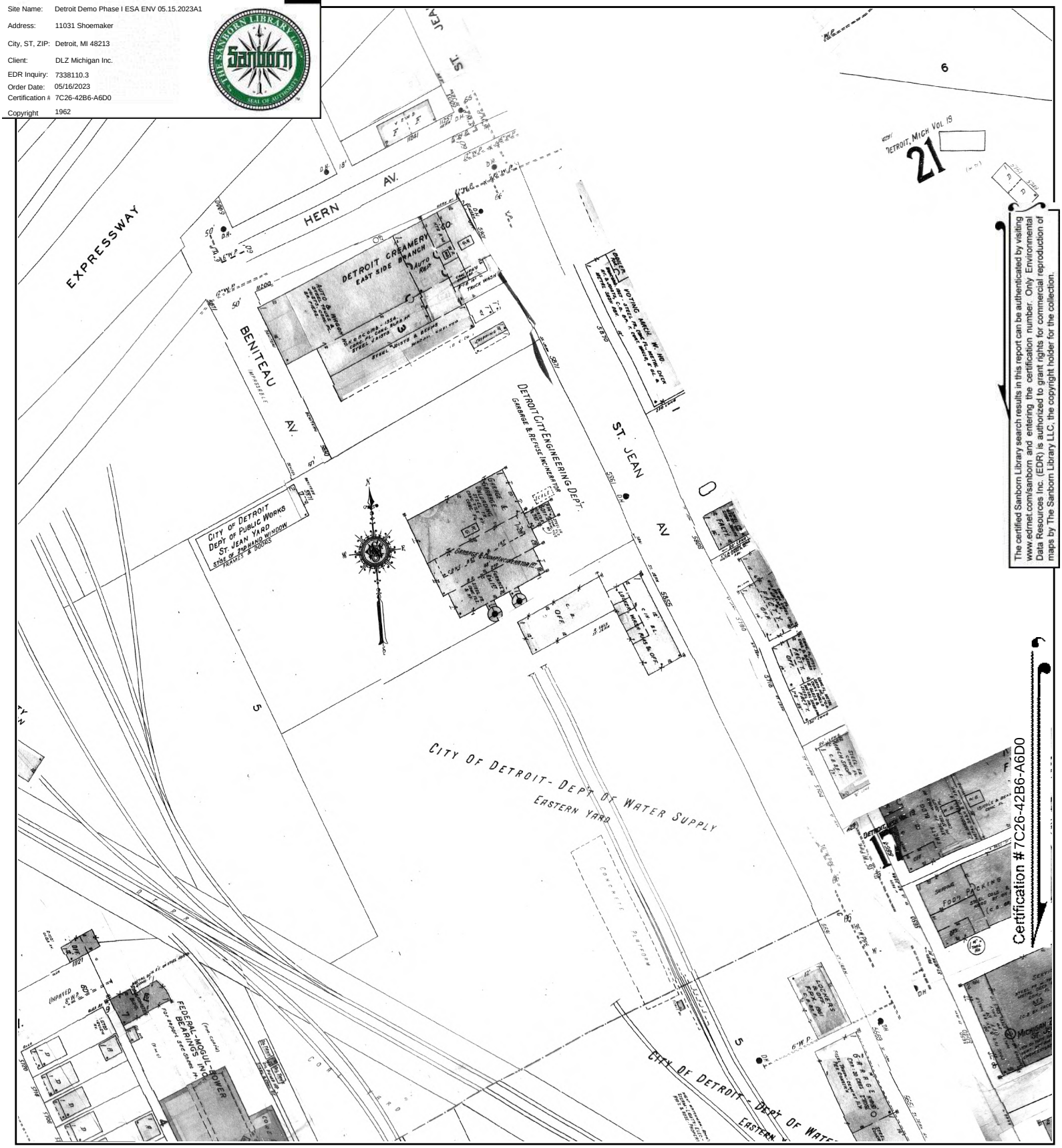
Volume 19, Sheet 14

N

Certified Sanborn® Map

1962

Site Name: Detroit Demo Phase I ESA ENV 05.15.2023A1
Address: 11031 Shoemaker
City, ST, ZIP: Detroit, MI 48213
Client: DLZ Michigan Inc.
EDR Inquiry: 7338110.3
Order Date: 05/16/2023
Certification #: 7C26-42B6-A6D0
Copyright 1962



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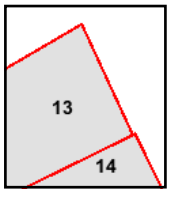

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N

Certified Sanborn® Map

1957

Site Name: Detroit Demo Phase I ESA ENV 05.15.2023A1
Address: 11031 Shoemaker
City, ST, ZIP: Detroit, MI 48213
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EDR Inquiry: 7338110.3
Order Date: 05/16/2023
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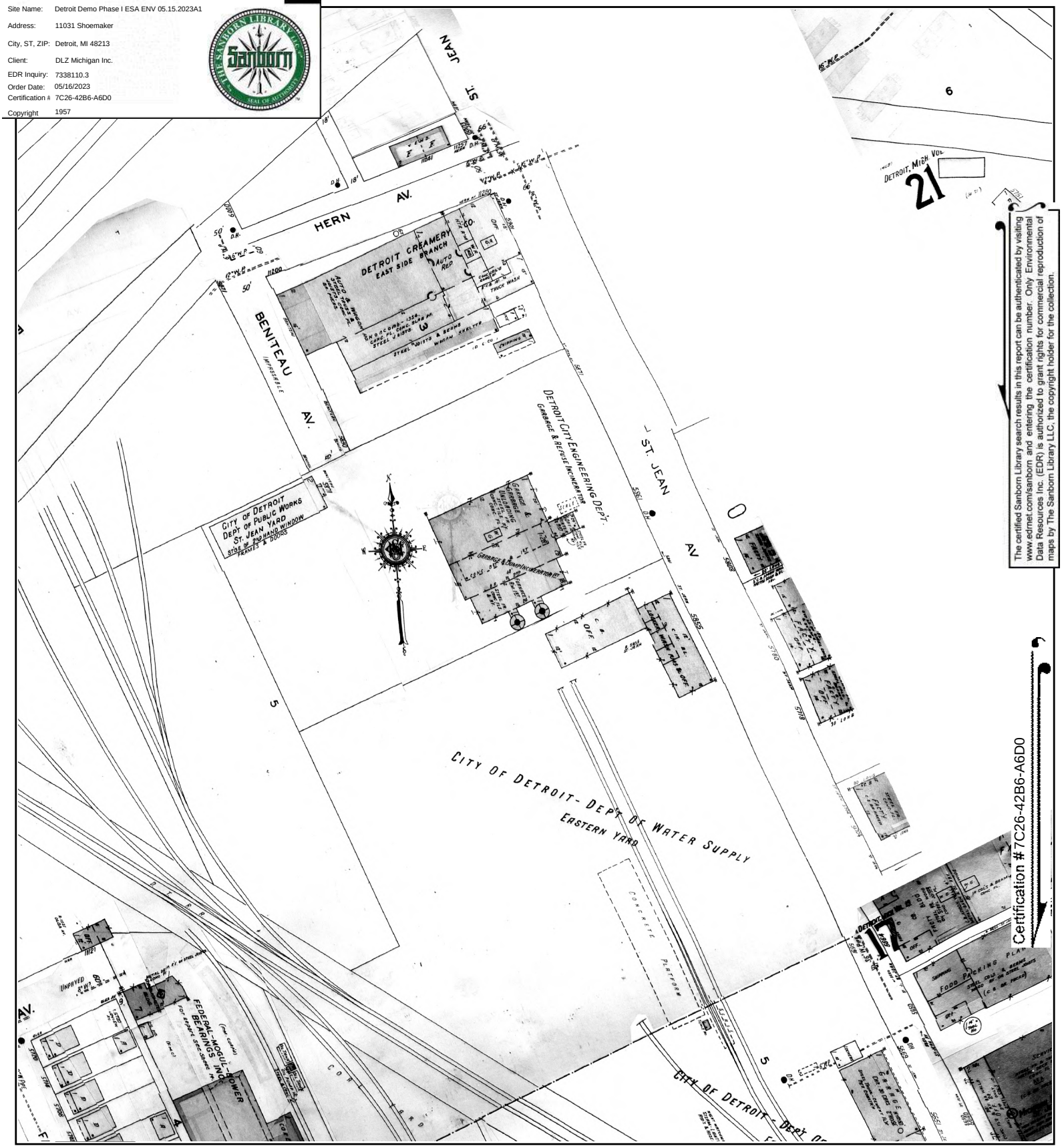
Copyright: 1957



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Certification #7C26-42B6-A6D0

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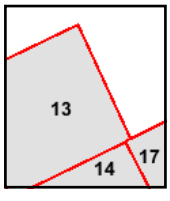

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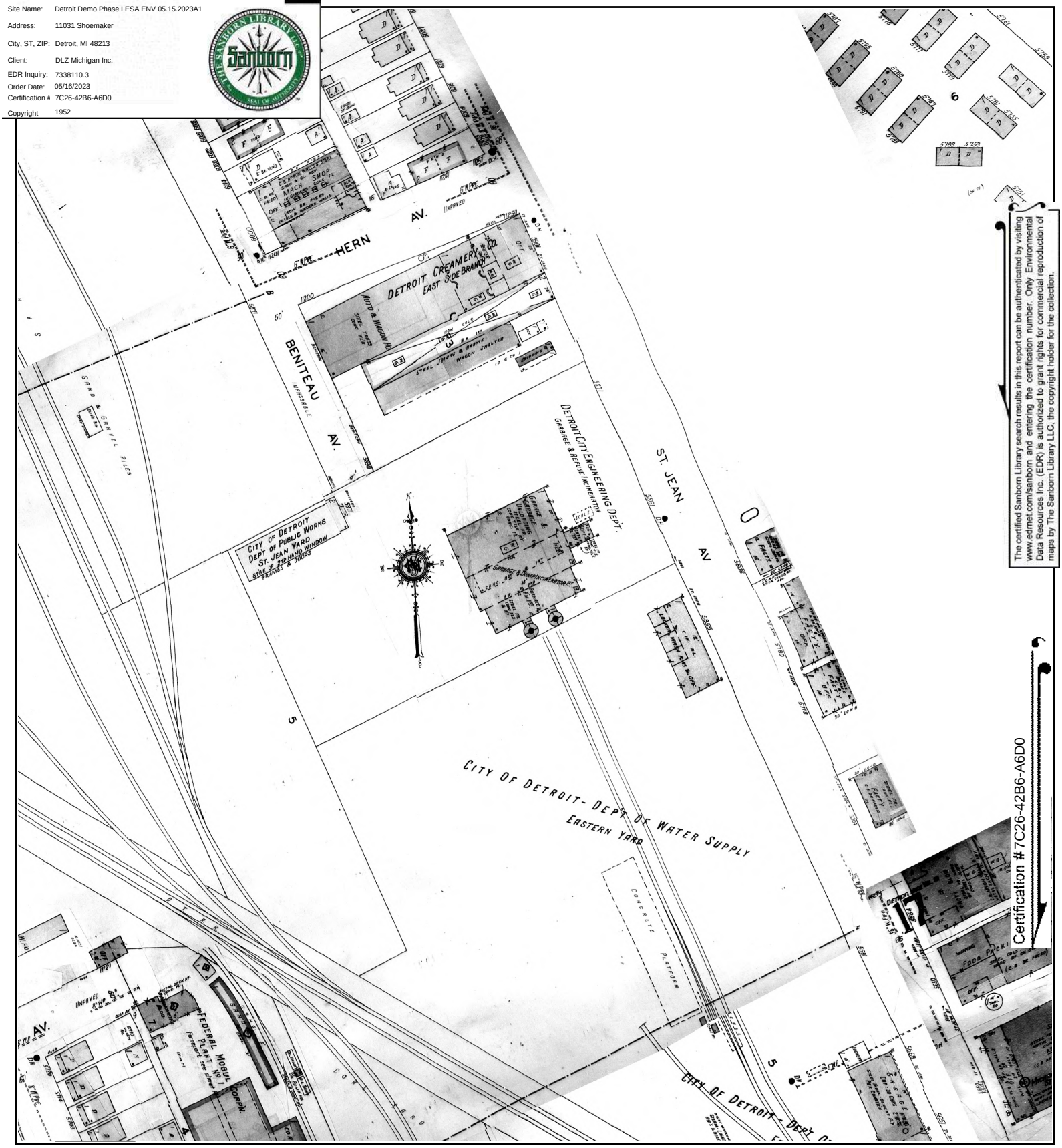
Volume 19, Sheet 14

N

Certified Sanborn® Map

1952

Site Name:	Detroit Demo Phase I ESA ENV 05.15.2023A1
Address:	11031 Shoemaker
City, ST, ZIP:	Detroit, MI 48213
Client:	DLZ Michigan Inc.
EDR Inquiry:	7338110.3
Order Date:	05/16/2023
Certification #	7C26-42B6-A6D0
Copyright	1952



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Certification #7C26-42B6-A6D0

This Certified Sanborn Map combines the following sheets.
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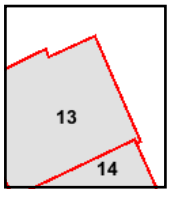

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Volume 19, Sheet 16
Volume 19, Sheet 12

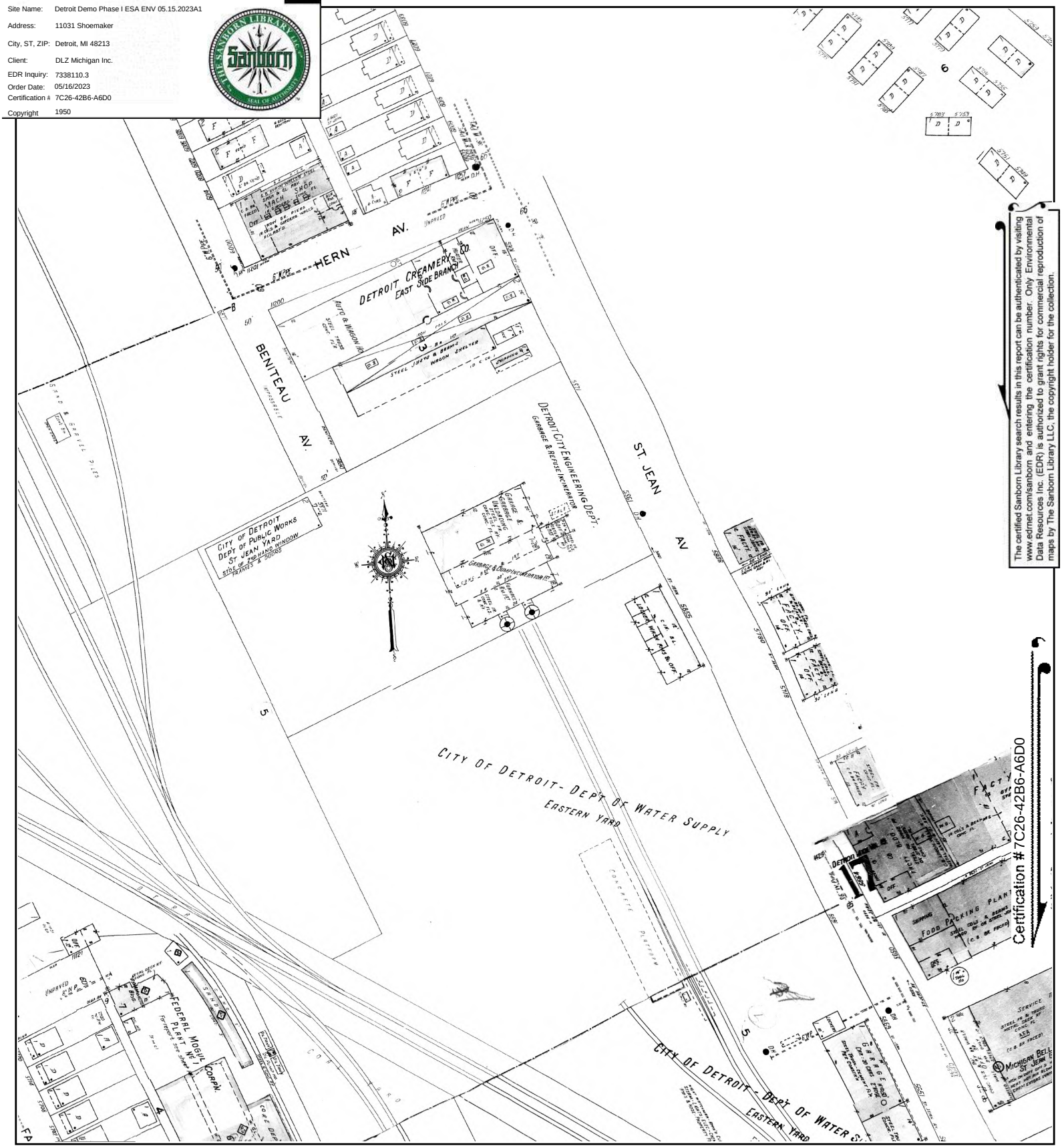
0 Feet 150 300 600

N

Certified Sanborn® Map

1950

Site Name: Detroit Demo Phase I ESA ENV 05.15.2023A1
Address: 11031 Shoemaker
City, ST, ZIP: Detroit, MI 48213
Client: DLZ Michigan Inc.
EDR Inquiry: 7338110.3
Order Date: 05/16/2023
Certification #: 7C26-42B6-A6D0
Copyright 1950



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Certification #7C26-42B6-A6D0

This Certified Sanborn Map combines the following sheets.
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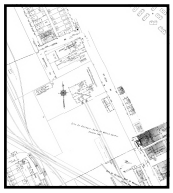

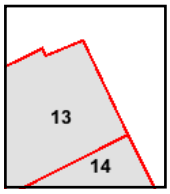

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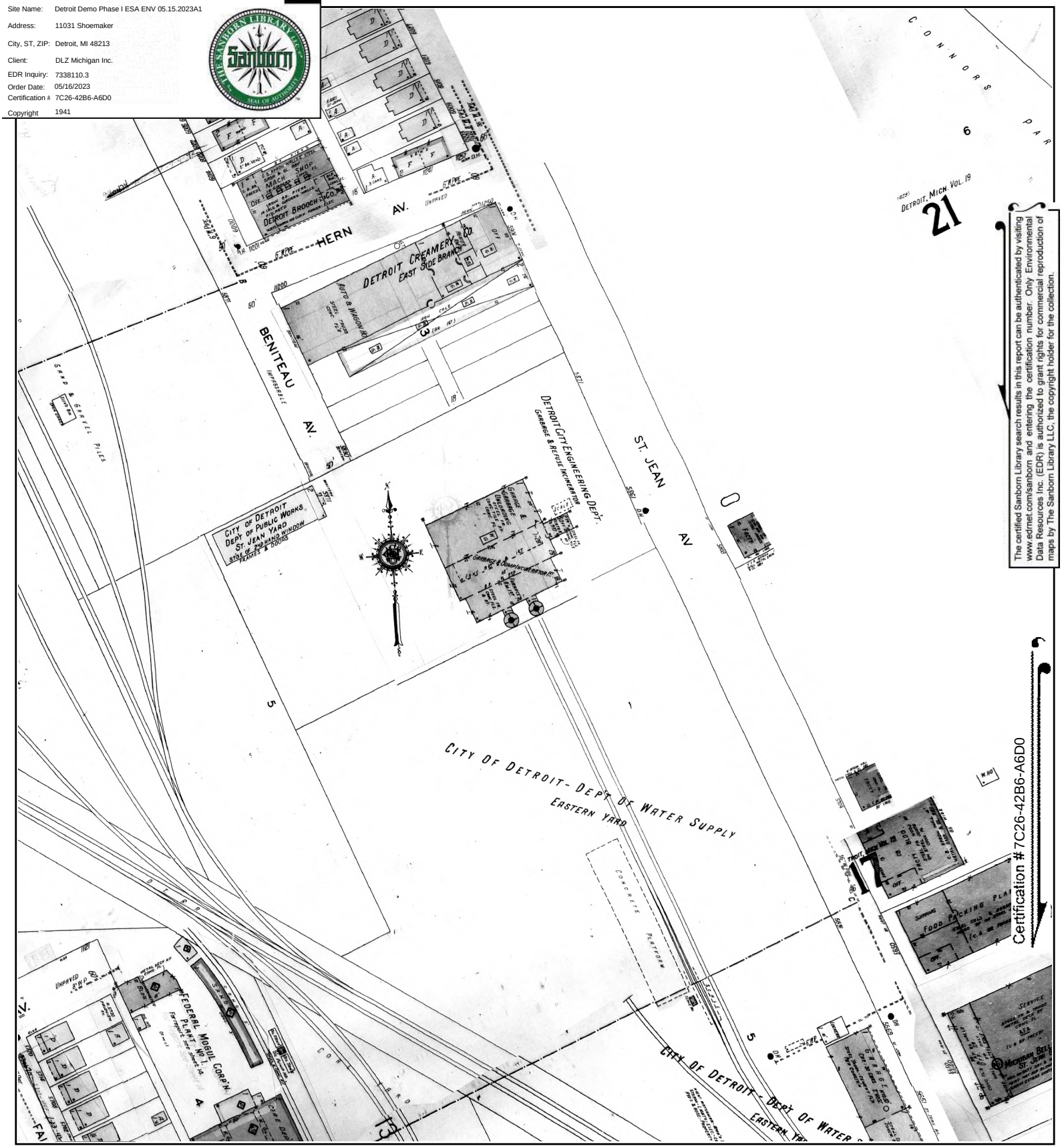
Volume 19, Sheet 12
Volume 19, Sheet 14

N

Certified Sanborn® Map

1941

Site Name: Detroit Demo Phase I ESA ENV 05.15.2023A1
Address: 11031 Shoemaker
City, ST, ZIP: Detroit, MI 48213
Client: DLZ Michigan Inc.
EDR Inquiry: 7338110.3
Order Date: 05/16/2023
Certification #: 7C26-42B6-A6D0
Copyright 1941



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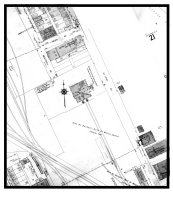

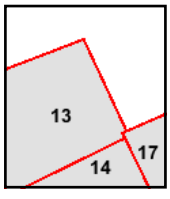

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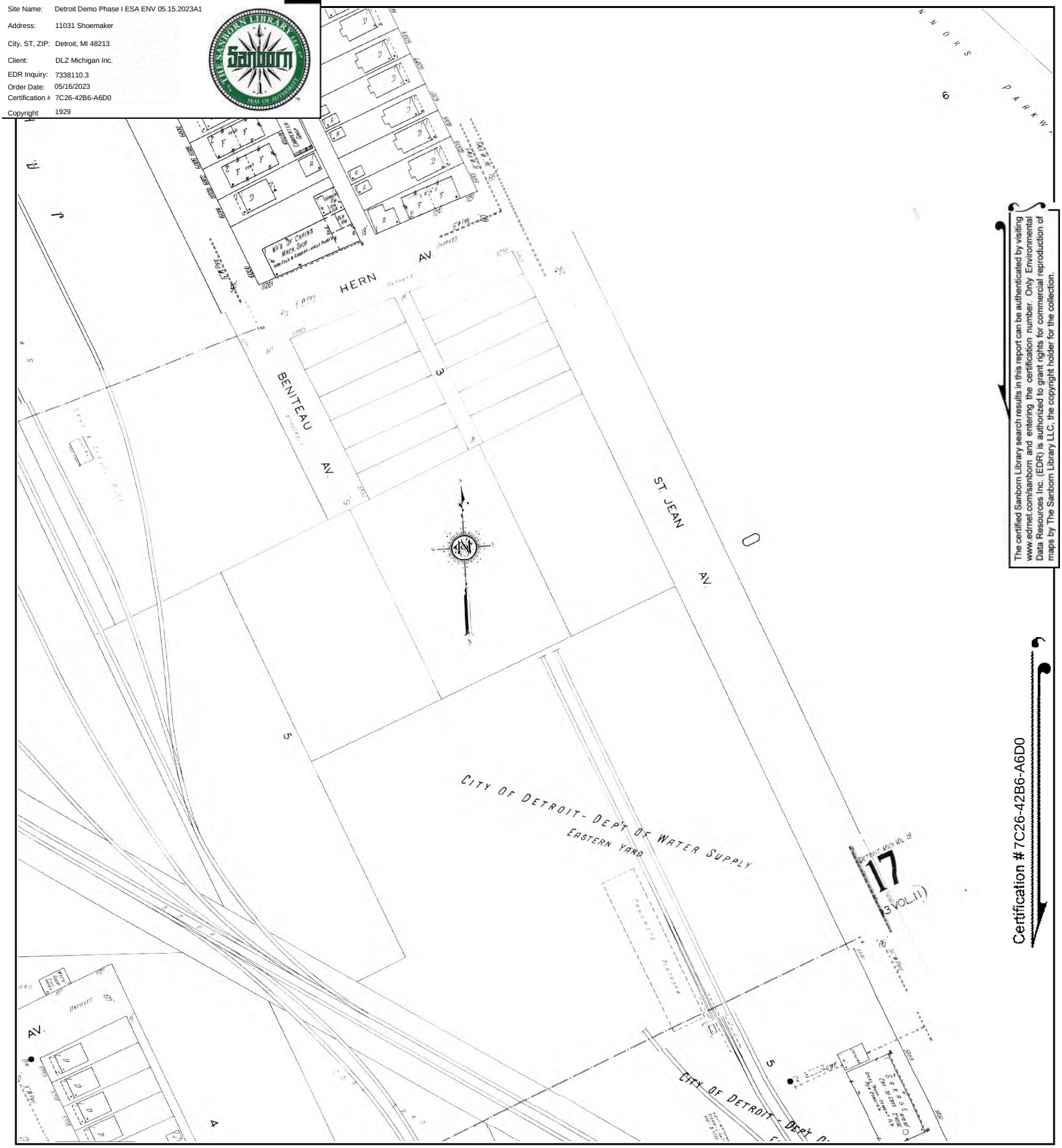
Volume 19, Sheet 17
Volume 19, Sheet 16

N

Certified Sanborn® Map

1929

Site Name:	Detroit Demo Phase I ESA ENV 05.15.2023A1
Address:	11031 Shoemaker
City, ST, ZIP:	Detroit, MI 48213
Client:	DLZ Michigan Inc.
EDR Inquiry:	7338110.3
Order Date:	05/16/2023
Certification #	7C26-42B6-A6D0
Copyright	1929



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Certification #7C26-42B6-A6D0

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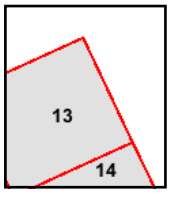

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Volume 19, Sheet 14
Volume 19, Sheet 13

APPENDIX H

Detroit Demo Phase I ESA ENV 05.15.2023A1
11031 Shoemaker
Detroit, MI 48213

Inquiry Number: 7338110.5
May 25, 2023

The EDR-City Directory Image Report

Environmental Data Resources Inc

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

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

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EXECUTIVE SUMMARY

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 business directory data at approximately five year intervals.

RECORD SOURCES

The EDR City Directory Report accesses a variety of business directory sources, including Haines, InfoUSA, Polk, Cole, Bresser, and Stewart. Listings marked as EDR Digital Archive access Cole and InfoUSA records. The various directory sources enhance and complement each other to provide a more thorough and accurate report.

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RESEARCH SUMMARY

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

Year	*Target Street*	*Cross Street*	*Source*
2020	☑	☑	EDR Digital Archive
2017	☑	☑	Cole Information
2014	☑	☑	Cole Information
2010	☑	☑	Cole Information
2005	☑	☑	Cole Information
2000	☑	☑	Cole Information
1995	☑	☑	Cole Information
1992	☑	☑	Cole Information
1987	☑	☑	Bresser's Cross-Index Directory Company
1982	☑	☑	Bresser's Cross-Index Directory Company
1977	☑	☑	Bresser's Cross-Index Directory Company
1972	☑	☑	Bresser's Cross-Index Directory Company
1967	☑	☑	Bresser's Cross-Index Directory Company
1962	☑	☑	Bresser's Cross-Index Directory Company
1957	☑	☑	Bresser's Cross-Index Directory Company
1954	☑	☑	Polk's City Directory
1940	☑	☑	Polk's City Directory
1935	☑	☑	Polk's City Directory
1931	☑	☑	Polk's City Directory
1926	☑	☑	Polk's City Directory
1921	☑	☑	Polk's City Directory
1916	☑	☑	Polk's City Directory
1911	☐	☐	Polk's City Directory

EXECUTIVE SUMMARY

RESEARCH SUMMARY

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

Year	***Target Street***	***Cross Street***	***Source***

FINDINGS

TARGET PROPERTY STREET

11031 Shoemaker
Detroit, MI 48213

Year	*CD Image*	*Source*	
SHOEMAKER ST			
2020	pg A2	EDR Digital Archive	
2017	pg A4	Cole Information	
2014	pg A7	Cole Information	
2010	pg A10	Cole Information	
2005	pg A13	Cole Information	
2000	pg A15	Cole Information	
1995	pg A17	Cole Information	
1992	pg A19	Cole Information	
1987	pg A21	Bresser's Cross-Index Directory Company	
1982	pg A23	Bresser's Cross-Index Directory Company	
1977	pg A25	Bresser's Cross-Index Directory Company	
1972	pg A27	Bresser's Cross-Index Directory Company	
1967	pg A29	Bresser's Cross-Index Directory Company	
1962	pg A32	Bresser's Cross-Index Directory Company	
1957	pg A34	Bresser's Cross-Index Directory Company	
1954	pg A36	Polk's City Directory	
1940	pg A38	Polk's City Directory	
1935	pg A40	Polk's City Directory	
1931	pg A42	Polk's City Directory	
1926	pg A44	Polk's City Directory	
1921	pg A46	Polk's City Directory	
1916	pg A48	Polk's City Directory	
1911	-	Polk's City Directory	Target and Adjoining not listed in Source

FINDINGS

CROSS STREETS

Year	*CD Image*	*Source*	
SAINT JEAN ST			
2020	pg. A1	EDR Digital Archive	
2017	pg. A3	Cole Information	
2014	pg. A6	Cole Information	
2010	pg. A9	Cole Information	
2005	pg. A12	Cole Information	
2000	pg. A14	Cole Information	
1995	pg. A16	Cole Information	
ST JEAN ST			
1992	pg. A20	Cole Information	
1987	pg. A22	Bresser's Cross-Index Directory Company	
1982	pg. A24	Bresser's Cross-Index Directory Company	
1977	pg. A26	Bresser's Cross-Index Directory Company	
1972	pg. A28	Bresser's Cross-Index Directory Company	
1967	pg. A30	Bresser's Cross-Index Directory Company	
1967	pg. A31	Bresser's Cross-Index Directory Company	
1962	pg. A33	Bresser's Cross-Index Directory Company	
1957	pg. A35	Bresser's Cross-Index Directory Company	
1954	pg. A37	Polk's City Directory	
1940	pg. A39	Polk's City Directory	
1935	pg. A41	Polk's City Directory	
1931	pg. A43	Polk's City Directory	
1926	pg. A45	Polk's City Directory	
1921	pg. A47	Polk's City Directory	
1916	pg. A49	Polk's City Directory	
1911	-	Polk's City Directory	Target and Adjoining not listed in Source

City Directory Images

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

SAINT JEAN ST 2020

5100 ATLAS WHOLESALE FOOD CO
Joey Ahenri
5640 BLAZE CONTRACTING
5650 Michael Marolla
5718 EAST CENTER MACHINE INC
Jozef Jablonski

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

SHOEMAKER ST 2020

10450	ATM
	Fady Hermiz
	WONDER FOODS
10870	TRINITY MEMORIAL MSSNRY BAPT
11044	Janice Fells
	Kenny Mack
	Mattie Fells
	Starr Fells
11400	Badie Oraha
11457	FIRST MILLENNIUM REAL ESTATE
	FOR THE SEVENTH GENERATION
	JORDAN RESES SUPPLY CO
	PAYNE-PULLIAM SCHOOL OF TRADE
	WITHERSPOON TOMINKA
11500	Allean Stamps
	Betty McMahon
	Carrie Lewis
	Costella Orr
	Doris Curtis
	Emma Allen
	Frances Jackson
	Georgia Robinson
	Georgia Tell
	Hula Paul
	James McSane
	Karla Harris
	Martha McCall
	MCAULEY COMMONS
	Ora Harris
	Otis Curry
	Reginald Abrams
	Shirley Hamil

Target Street	Cross Street	Source
-	✓	Cole Information

SAINT JEAN ST 2017

4500	CHRYSLER GROUP LLC
5100	ATLAS WHOLESALE FOOD CO
5718	EAST CENTER MACHINE INC

Target Street	Cross Street	Source
✓	-	Cole Information

SHOEMAKER ST 2017

9645	CONLEY, ANISHA
	DISMUKE, BRIANA M
	DUNCAN, JAMES
	HEMPHILL, MEYAKA O
	JARRELL, LATOYA
	KARLY SQUARE
	LOUDEN, ASHJA
	MCKISSICK, VICTOR A
	MCNEIL, ANDREA
	SAMS, WILLIAM L
	TAYLOR, AISHA L
10333	CARCO INC
	HAAS
10450	WONDER SUPER FOOD MARKET
10870	TRINITY MEMORIAL MISSIONARY BAPTIST
10981	ROSS, ROBERT
11044	FELLS, BENJAMIN
11400	ATLAS WAREHOUSE EQUIPMENT
11457	GATEWAY DETROIT EAST
	LIL BRILLIANT MINDZ
	MCTI EAST TRAINING CENTER
	PAYNEPULLIAM SCHOOL OF TRADE & COMM
11500	ADAMS, DUANE E
	BROACH, WILLIAM T
	CARTER, PRICILLA
	CLARK, PEARLIE L
	COLLINS, MARJORIE
	COX, KENA R
	CRABBE, GERALDINE
	CURTIS, DORIS A
	ECTOR, ROSETTA
	FORD, ROSIE L
	JACKSON, EAGAU K
	JENKINS, MARION L
	JONES, HERSIE
	LEWIS, CARRIE M
	MARTIN, MAMIE M
	MCAULEY COMMONS
	MCCALL, MARTHA A
	MCSANE, JAMES R
	NASH, EVELYN M
	ORR, COSTELLA
	PETERSON, DWAYNE A
	PRIDE, DOLORES O
	RAY, LAKAYLA C
	SMITH, LEROY
	SMITH, LESTER
	TELL, GEORGIA A
	THOMAS, BRENDA
	TISDALE, GLORIA L

Target Street	Cross Street	Source
✓	-	Cole Information

SHOEMAKER ST 2017 (Cont'd)

11500	TURNER, LUCY M
	WADE, SHIRLEY L
	WALKER, ROBERT E
	WALTON, RALPH
	WASHINGTON, FRED
	WASHINGTON, JIM A
	WILLIAMS, BENNIE M
	WOODS, MARY R

Target Street	Cross Street	Source
-	✓	Cole Information

SAINT JEAN ST 2014

4500	CHRYSLER GROUP LLC
4711	STUCKEY, PERVIS
5100	ATLAS WHOLESALE FOOD CO
5718	EAST CENTRAL MACHINE INC

Target Street	Cross Street	Source
✓	-	Cole Information

SHOEMAKER ST 2014

9645	BASSETT, CHIQUITA
	BEAVERS, ENDIA T
	BRAZIER, DEBORAH
	CAMPBELL, RAQUEL C
	CARTER, CLYDE C
	CRITTENDON, TANSHANIKA
	DAVIS, MELISSA J
	DISMUKE, BRIANA
	DUNCAN, JAMES
	GIPSON, MILA
	HALL, RASHAWNDA
	HARRIS, CARMELLIA
	HEMPHILL, MEYAKA O
	KARLY SQUARE
	LEE, BRIDGETTE M
	MCNEIL, ANDREA
	SAMS, WILLIAM L
	SMITH, DAVID
	STEVENSON, SHAVONNE
	WALKER, JOANN
	WIGGINS, CASSANDRA
10333	CARCO INC
	HAAS
10412	LAWRENCE, KENNY
10450	SHOEMAKER SEWER & DRAIN
	WONDER SUPER FOOD MARKET
10870	TRINITY MEMORIAL MISSIONARY BAPTIST
10981	LEWIS, CAMERON A
11044	FELLS, JONATHAN M
11400	ATLAS WAREHOUSE EQUIPMENT
11457	GATEWAY DETROIT EAST
	MCTI EAST TRAINING CENTER
	PAYNEPULLIAM SCHOOL OF TRADE & CO
11500	ABROM, RUBY H
	ADAMS, DUANE E
	BARBER, OBIE
	BARCLAY, FREDDIE J
	BROWN, FITZGERALD
	CARTER, PRISCILLA
	CLARK, PEARLIE L
	COLLINS, LETECIA
	COX, KENA R
	CRABBE, GERALDINE
	DENHAM, RUTHIE
	ELLIS, LESSIE B
	GILLENWATER, HARRY C
	GOINES, DORIS A
	HENRY, CYNTHIA A
	JENKINS, MARION L
	JOHNSON, GASTON J

Target Street	Cross Street	Source
✓	-	Cole Information

SHOEMAKER ST 2014 (Cont'd)

11500	JONES, HERSIE
	LEWIS, CARRIE M
	MARTIN, ELLA
	MCAULEY COMMONS
	MCCORMICK, WILLIE M
	MCSANE, JAMES R
	ORR, COSTELLA
	PAUL HULA
	PAUL, HULA M
	PETERSON, DWAYNE A
	PRIDE, DOLORES O
	SHEPHERD, LULA C
	SMITH, LESTER
	TISDALE, GLORIA L
	TURNER, LUCY M
	WADE, SHIRLEY L
	WALKER, ROBERT E
	WALTON, ROSLAND
	WASHINGTON, FRED
	WASHINGTON, JIM A
	WILLIAMS, BENNIE M
	WINSTON, ROSA M
	WOODS, MARY R

Target Street	Cross Street	Source
-	✓	Cole Information

SAINT JEAN ST 2010

4500	THYSSEN PRODUCTION
4711	STUCKEY, PERVIS
5100	ATLAS WHOLESALE FOOD CO
5640	BLAZE CONTRACTING
5718	EAST CENTRAL MACHINE INC
5808	ADVANCE REPRODUCTION CO

Target Street	Cross Street	Source
✓	-	Cole Information

SHOEMAKER ST 2010

9606	KINGS SAVINGS
9645	BARRETT, JENELL
	BRANE, TACARA
	BROADEN, VIOLA M
	BROWN, BRANDY
	COLEMAN, SHENITA
	DANNER, DYWONE
	DRANE, EARLINE
	DUNCAN, JAMES
	HUDSON, ROYSHAUN L
	JOLLIFFIE, C
	JONES, TIKA
	KERR, ANGELA R
	MARSH, THOMAS
	MURPHY, KAREEM D
	PICKENS, TYRONE
	RICHARDSON, ANGELA
	SAMS, WILLIAM
	SIMPSON, SIDNEY
	WILLIAMS, NATHANIEL M
	WOOLRIDGE, TONY L
10105	YOUNGS CLEANERS & SHIRT LNDRY
10333	HAAS
10450	WONDER SUPER FOOD MARKET
10610	COVENANT CONNECTIONS HOME CARE
	RRB BUS SVC
10870	TRINITY MEMORIAL MSSNRY BAPT
10981	LEWIS, DEBORAH O
11044	FELLS, BENJAMIN
11400	ATLAS WAREHOUSE EQUIPMENT INC
11457	DETROIT EAST COMMUNITY MENTAL
	FIRST MILLENNIUM RL EST INC
	SHOEMAKER LEARNING CTR
11500	ABROM, RUBY H
	BARBER, OBIE
	BROWN, TOM C
	CARTER, PRISCILLA
	COLLINS, LETECIA
	CRABBE, GERALDINE
	DENHAM, RUTHIE
	EALY, JUWAND J
	FINDLEY, MOSE
	GILLENWATER, HARRY C
	GOINES, RODNEY A
	HATCHER, MARIE
	HEARN, LOTTIE L
	HENRY, CYNTHIA A
	HITCHCOCK, BESSIE M
	JACKSON, PRESTON
	JENKINS, GREGORY H

Target Street	Cross Street	Source
✓	-	Cole Information

SHOEMAKER ST 2010 (Cont'd)

11500 KENNEDY, VIRGINIA W
LOVE, VALAYNE
MC AULEY COMMONS
MCCALL, MARTHA A
MCCORMICK, WILLIE M
MCKENNEY, ELNA
ORR, COSTELLA
PAUL, HULA M
PETERSON, DWAYNE A
PRIDE, DOLORES O
ROBINSON, GEORGIA
SMITH, EDWARD L
SMITH, FRANK L
SMITH, OSCAR
SMITH, YORK
TEAMER, YOLANDA Y
THOMAS, LILLIE M
TURNER, LUCY M
WASHINGTON, ELLA
WOODS, MARY R

Target Street	Cross Street	Source
-	✓	Cole Information

SAINT JEAN ST 2005

4500	BARTON MALOW RIGGING
	DIAMLER CHRYSLER
	HOUGHTON FLUID CARE
4707	JOHNYS CORNER
4711	STUCKEY, PERVIS
5100	ATLAS WHOLESALE FOOD CO
5149	BIG APPLE TIRE INC
5650	RED PELICAN FOOD PRODUCTS INC
5718	EAST CENTER MACHINE
5808	ADVANCE REPRODUCTION CO

Target Street	Cross Street	Source
✓	-	Cole Information

SHOEMAKER ST 2005

10105	YOUNGS CLEANERS
10333	CARCO INC
10438	JENKINS, PAMELA
10923	HUSKY FENCE CO
10945	FRANKS, FRANKLIN
10981	LEWIS, DEBORAH
11044	FELLS, MATTIE S
11400	ATLAS WAREHOUSE EQUIPMENT INC
	CRYSTAL CONSTRUCTION INC
	DETROIT WALK IN COOLER
11500	ABROM, RUBY H
	ALEXANDER, PATRICIA
	BAKER, JAMES L
	BELL, CARRIE M
	BLOUNT, RANDY
	BRADLEY, NANCY
	BRYANT, JOYCE
	BURKS, HORTENSIA
	CAMBLE, RONALD E
	CRABBE, GERALDINE
	DILLARD, RHONDA
	DOBBS, L
	EALY, JUWAND J
	FINDLEY, MOSE
	GIBBS, LYDIA M
	GILLENWATER, HARRY C
	GORDON, JOHN
	HALL, OGONNA
	HARRIS, ORA F
	JACKSON, CARRIE
	JUSTICE, EVELYN
	KINDLE, ADDIE B
	KING, DANA
	LOVE, VALAYNE
	MCAULEY COMMONS
	ORR, COSTELLA
	PAUL, HULA M
	PRIDE, DOLORES
	RAMSEY, ANITA
	RAY, LUCILLE M
	ROBERTS, EDDIE M
	ROMERO, JIPSEA R
	SANDERS, REDEL
	SMITH, CORA S
	SMITH, JAMES L
	THOMAS, LILLIE M
	WILLIAMS, JOHN
	WILSON, ROSETTA
	YOUNG, SHIRLEY

Target Street	Cross Street	Source
-	✓	Cole Information

SAINT JEAN ST 2000

4711	STUCKEY, PERVIS
5100	ATLAS WHOLESALE FOOD COMPANY
5149	BIG APPLE TIRE
5640	CITY WIDE TRANSPORTATION INCORPORATED
5650	RED PELICAN FOOD PRODUCTS
5704	A D R PROPERTY SERVICES
5718	EAST CENTRA MACHINE
5808	MET L AID INCORPORATED

Target Street	Cross Street	Source
✓	-	Cole Information

SHOEMAKER ST 2000

9606	KINGS SAVINGS
10105	YOUNGS CLEANERS
10200	MAYES TRANSMISSION SERVICE
10333	CARCO INCORPORATED
10412	LAWRENCE, M
10450	WONDER SUPER FOOD MARKET
10610	C W MUNGO CONTRACTING INCORPORATED
10870	TRINITY MEMORIAL MISSIONARY BAPTIST CHURCH
10923	HUSKY FENCE COMPANY
10935	MA, MARSON
10945	FRANKS COLLISION
10950	WOODBURY, RAYMOND
11400	ALL AMERICAN RESTAURANT EQUIPMENT INCORPORATED
	ATLAS WAREHOUSE EQUIPMENT INCORPORATED
11457	HENRY FORD HEALTH SYSTEM
	MERCY HOME CARE SERVICES
11500	BAKER, J L
	BLOUNT, R
	BOLDEN, THOMAS
	BRADLEY, N
	BROWN, JEAN L
	BROWN, MINNIE L
	CARTER, M
	CRABBE, G
	EALY, JUWAND
	EDDINGTON, LURENE
	EDENBURGH, ELOUISE
	GREEN, JAMES
	HALL, BOBBIE J
	HENRY, RUTH
	IVEY, ANNIE
	JENKINS, MARION
	JOHNSON, JOHNNIE
	JONES, ERCIE
	JONES, P A
	KINDLE, A B
	MAURY, ALMA
	MCAULEY COMMONS
	MITCHELL, FRED
	PARKER, BRENDA M
	PAUL, HULA
	PEOPLES, WALLACE E
	ROBERTS, EDDIE M
	SMITH, LEROY
	SPICER, CHRIS
	TAYLOR, GIBSON
11511	CITY WIDE TRANSPORTATION INCORPORATED

Target Street	Cross Street	Source
-	✓	Cole Information

SAINT JEAN ST 1995

4411	GEORGE, LATOYA
4425	ANAKEEB, SAIF
	MIDDLE EAST PARTY STORE
4431	ELLINGTON, TOMEKA
4441	COOK, EUGENE M
4447	LOWE, KIM
4450	ELLINGTON, CLYDE
4456	OCCUPANT UNKNOWNN
4461	BRYANT, JESSE J
4462	OCCUPANT UNKNOWNN
4471	DONOVAN, SONNIE R
4474	OCCUPANT UNKNOWNN
4480	SLATER, ADDIE L
4491	PAIGE, M
4513	GOODWIN, CORA L
	REV CORA L GOODWIN
4621	KIMBLE, WILLIE
4623	SAFFOLD, RUBEN
4654	FULGIAM, JOYCE
4707	CROWS NEST
4711	STUCKEY, PERVIS
5100	ATLAS WHOLESALE FOOD CO
5149	G FI GEN FARE
5640	CITY WIDE TRANSPORTATION INC
5650	RED PELICAN FOOD PRODUCT
5704	RIECHER ELECTRIC SALES CO
5808	MET L AID INC

Target Street	Cross Street	Source
✓	-	Cole Information

SHOEMAKER ST 1995

9606	KINGS SAVINGS
9621	OCCUPANT UNKNOWNN
9645	HARRIS, DANA
	IRVIN, LARRY M
	JOHNSON, MARVIN
	PERRY, TONI
	SHEPHERD HOUSE INC
	WATKINS, LEONARD V
	WILLIAMS, N
10105	YOUNGS CLEANERS
10125	ENTERPRISE COLLSN
10200	MAYES TRANSMISSION SVC
10333	CARCO INC
10412	LAWRENCE, M
10450	WONDER SUPER FOOD MARKET
10603	J & K LIQUOR SHOP INC
10610	C W MUNGO CONTRACTING INC
10700	F & F CAR WASH
10870	TRINITY MEMORIAL MISSIONARY
10920	EAST SIDE FRAME INC
10923	HUSKY FENCE CO
10935	MA, MARSON
10945	FRANKS COLLISION
10965	OCCUPANT UNKNOWNN
10973	OCCUPANT UNKNOWNN
10981	LEWIS, DEBORAH
11044	FELLS, B
11400	ATLAS WAREHOUSE EQUIPMENT INC
11500	BAKER, J L
	BRADLEY, N
	BREEDLOVE, JOHN T
	BROWN, E M
	BROWN, JEAN L
	CAMPBELL, K
	CARTER, JAMES
	COLLINS, CAPTOLA
	COURTNEY, THOMAS
	GAMMAGE, LOUISE
	GATSON, AARON
	GRAY, MARY E
	HAMILTON, MARTHA
	HARMON, ERNEST
	HARRIS, REATHER
	HEARNDON, FLOWERS
	HERNDON, FLOWERS
	IVERY, ANNIE
	JENKINS, MARIE
	JOHNSON, LOTTIE
	JONES, ERCIE
	JONES, P A

Target Street	Cross Street	Source
✓	-	Cole Information

SHOEMAKER ST 1995 (Cont'd)

11500 LANIER, M JR
LITTLE, M E
MARTIN, MAMIE
MCAULEY COMMONS
MITCHELL, FRED
PAGE, FREDDIE
PAUL, HULA
PEOPLES, WALLACE E JR
ROBERTS, EDDIE M
ROBINSON, JOHN
ROSEBERRY, H
SEGURA, NELLYCE
SMITH, LENORA
SNEED, JUANITA
STAPLETON, FANNIE
TAYLOR, IDA
TERRELL, DAVID
TUCKER, FRANCIS
WALKER, WILMA
WILLIAMS, ANNIE D
WILLIAMS, ROBERT
WILSON, ROSETTA
11511 DDR PLASTICS

Target Street	Cross Street	Source
✓	-	Cole Information

SHOEMAKER ST 1992

9606	KINGS SAVINGS
9645	GRANGER, W W
	HARRIS, MAMIE
	JOHNSON, M
10105	YOUNGS CLNRS
10200	MAYES TRANSMISSION
10333	CARCO INC
	TEX-RITE PRODUCTS
10412	LAWRENCE, M
10450	WONDER SUPR FD MKT
10545	WALLACES STYLE SHP
10603	J&K LIQUOR SP INC
10610	C W MUNGO CONTR
10870	TRINTY MRRL MSSNRY
10920	EAST SIDE FRAME
10923	HUSKY FENCE CO
10935	MA, MARSON
10945	FRANKS COLLISION
10960	EALYS LOUNGE
10973	ANTHONY, TONI
10981	REFFIGEE, ANGELA
11000	DENNIS COLLISION
11044	FELLS, K
11400	EADSLEY FORGING EQ
11457	ST NORTHEAST MEDCL
11511	BUDGET ACCESSORIES
	JOHNSON VIVING
	JOHNSON, VIVING
	KBS LEASING
	PERFECT IMAGE BTQ
	WAYNE CNTRY BAZAAZ
	WAYNE CNTY BZR RST

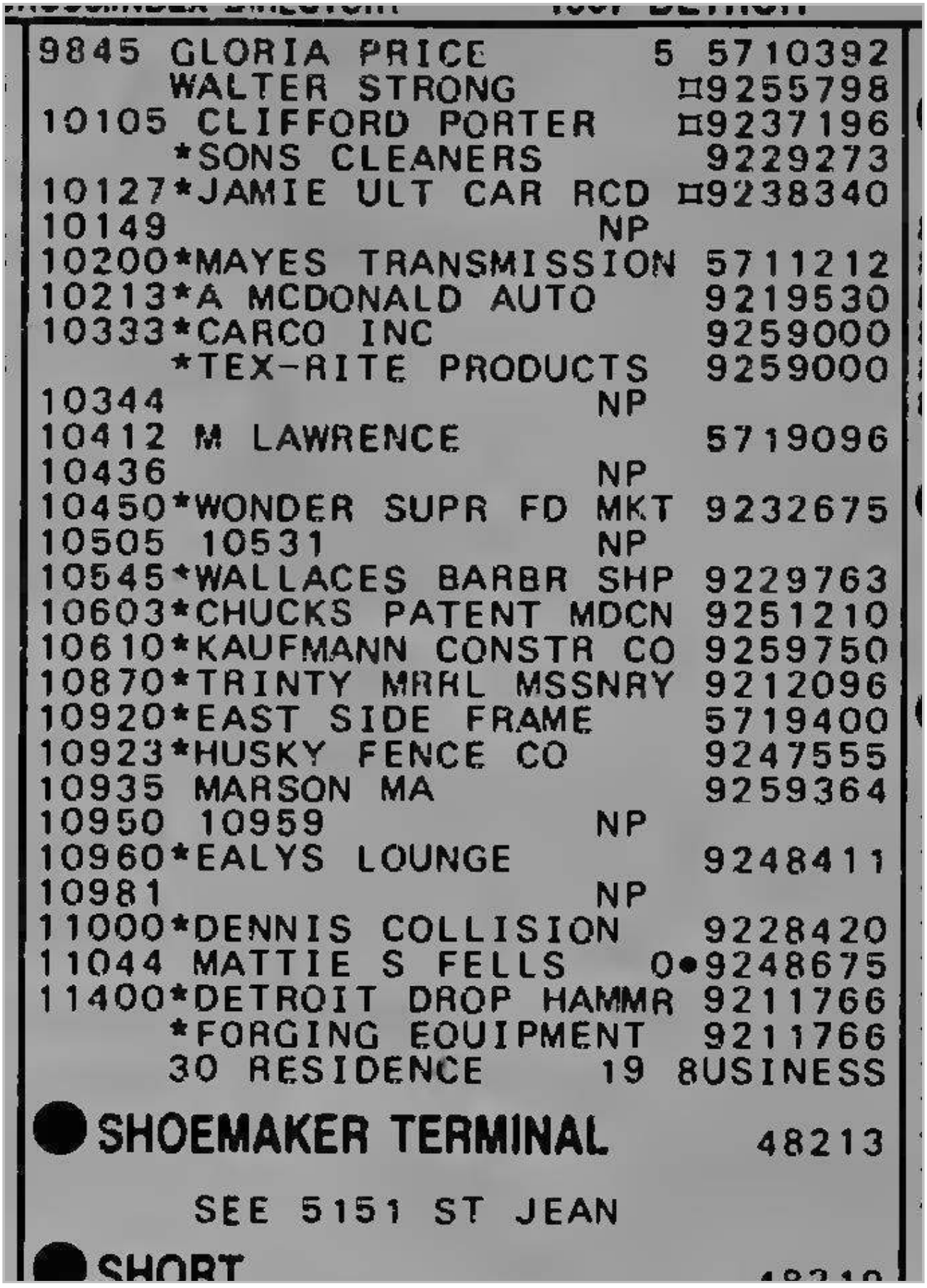
Target Street	Cross Street	Source
-	✓	Cole Information

ST JEAN ST 1992

5100	ATLAS WHOLESL FOOD
5640	CITY WIDE TRNSPRTN
5650	RED PELICAN FD PRD
5704	RIECHER ELECTRIC
5718	MAJOR KELLERING&MC
5808	MET-L-AID INC

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

SHOEMAKER ST 1987



```
9845 GLORIA PRICE                5 5710392
     WALTER STRONG                ¤9255798
10105 CLIFFORD PORTER             ¤9237196
     *SONS CLEANERS                9229273
10127*JAMIE ULT CAR RCD           ¤9238340
10149                        NP
10200*MAYES TRANSMISSION          5711212
10213*A MCDONALD AUTO             9219530
10333*CARCO INC                   9259000
     *TEX-RITE PRODUCTS           9259000
10344                        NP
10412 M LAWRENCE                  5719096
10436                        NP
10450*WONDER SUPR FD MKT           9232675
10505 10531                  NP
10545*WALLACES BARBR SHP          9229763
10603*CHUCKS PATENT MDCN          9251210
10610*KAUFMANN CONSTR CO          9259750
10870*TRINTY MRHL MSSNRY          9212096
10920*EAST SIDE FRAME             5719400
10923*HUSKY FENCE CO              9247555
10935 MARSON MA                   9259364
10950 10959                  NP
10960*EALYS LOUNGE                9248411
10981                        NP
11000*DENNIS COLLISION            9228420
11044 MATTIE S FELLS           O• 9248675
11400*DETROIT DROP HAMMR          9211766
     *FORGING EQUIPMENT           9211766
     30 RESIDENCE          19 BUSINESS

● SHOEMAKER TERMINAL                48213

     SEE 5151 ST JEAN

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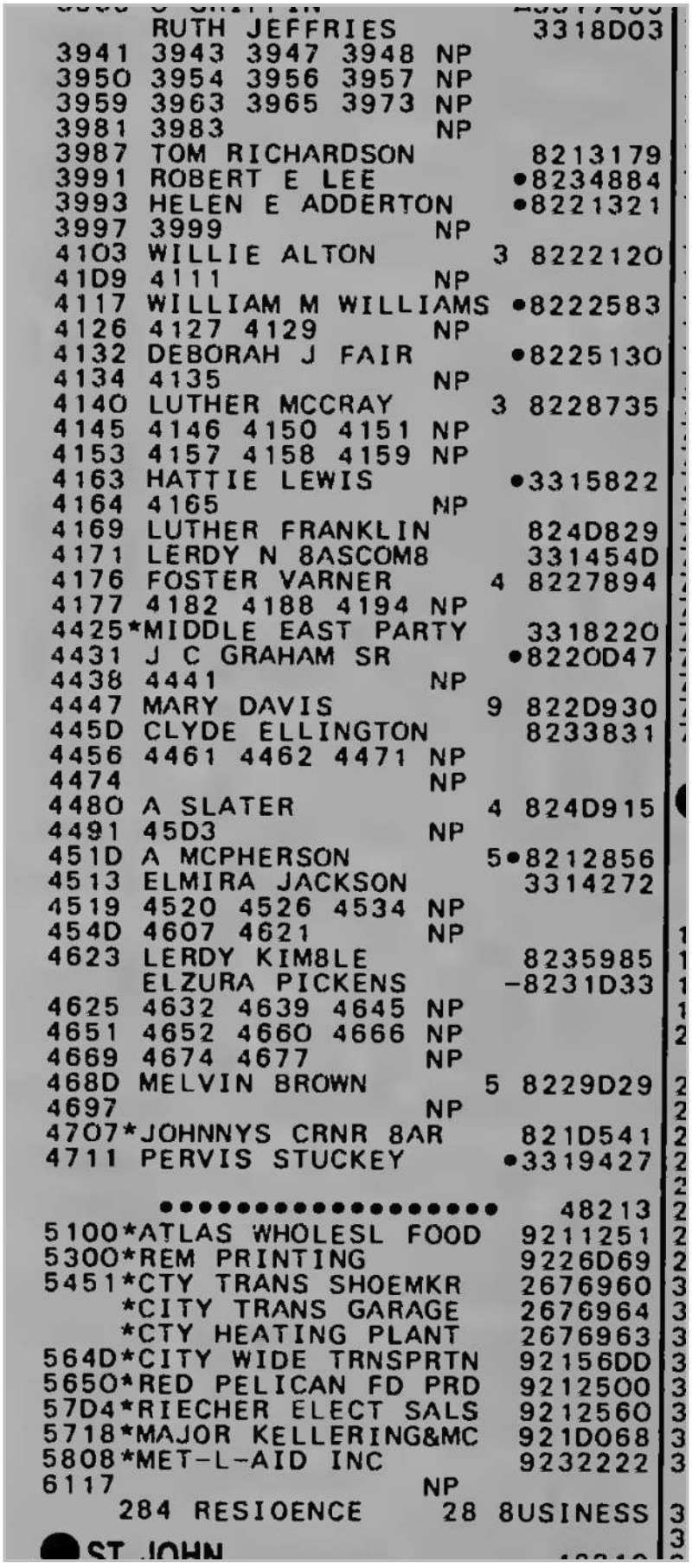
Target Street	Cross Street	Source
-	✓	Bresser's Cross-Index Directory

ST JEAN ST 1987



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      RUTH JEFFRIES                3318D03
3941  3943 3947 3948 NP
3950  3954 3956 3957 NP
3959  3963 3965 3973 NP
3981  3983           NP
3987  TOM RICHARDSON              8213179
3991  ROBERT E LEE               •8234884
3993  HELEN E ADDERTON           •8221321
3997  3999                 NP
4103  WILLIE ALTON             3 8222120
41D9  4111                 NP
4117  WILLIAM M WILLIAMS       •8222583
4126  4127 4129            NP
4132  DEBORAH J FAIR           •8225130
4134  4135                 NP
4140  LUTHER MCCRAY            3 8228735
4145  4146 4150 4151 NP
4153  4157 4158 4159 NP
4163  HATTIE LEWIS             •3315822
4164  4165                 NP
4169  LUTHER FRANKLIN            824D829
4171  LERDY N 8ASCOM8            331454D
4176  FOSTER VARNER            4 8227894
4177  4182 4188 4194 NP
4425*MIDDLE EAST PARTY           3318220
4431  J C GRAHAM SR            •8220D47
4438  4441                 NP
4447  MARY DAVIS               9 822D930
445D  CLYDE ELLINGTON            8233831
4456  4461 4462 4471 NP
4474                       NP
4480  A SLATER                 4 824D915
4491  45D3                 NP
451D  A MCPHERSON              5•8212856
4513  ELMIRA JACKSON             3314272
4519  4520 4526 4534 NP
454D  4607 4621            NP
4623  LERDY KIM8LE               8235985
      ELZURA PICKENS            -8231D33
4625  4632 4639 4645 NP
4651  4652 4660 4666 NP
4669  4674 4677            NP
468D  MELVIN BROWN             5 8229D29
4697                       NP
4707*JOHNNYS CRNR 8AR            821D541
4711  PERVIS STUCKEY           •3319427
      ••••••••••••••••••         48213
5100*ATLAS WHOLESL FOOD        9211251
5300*REM PRINTING              9226D69
5451*CTY TRANS SHOEMKR         2676960
   *CITY TRANS GARAGE          2676964
   *CTY HEATING PLANT          2676963
564D*CITY WIDE TRNSPRTN        92156DD
5650*RED PELICAN FD PRD        9212500
57D4*RIECHER ELECT SALS        9212560
5718*MAJOR KELLERING&MC        921D068
5808*MET-L-AID INC             9232222
6117                       NP
   284 RESIDENCE    28 BUSINESS
ST JOHN
```
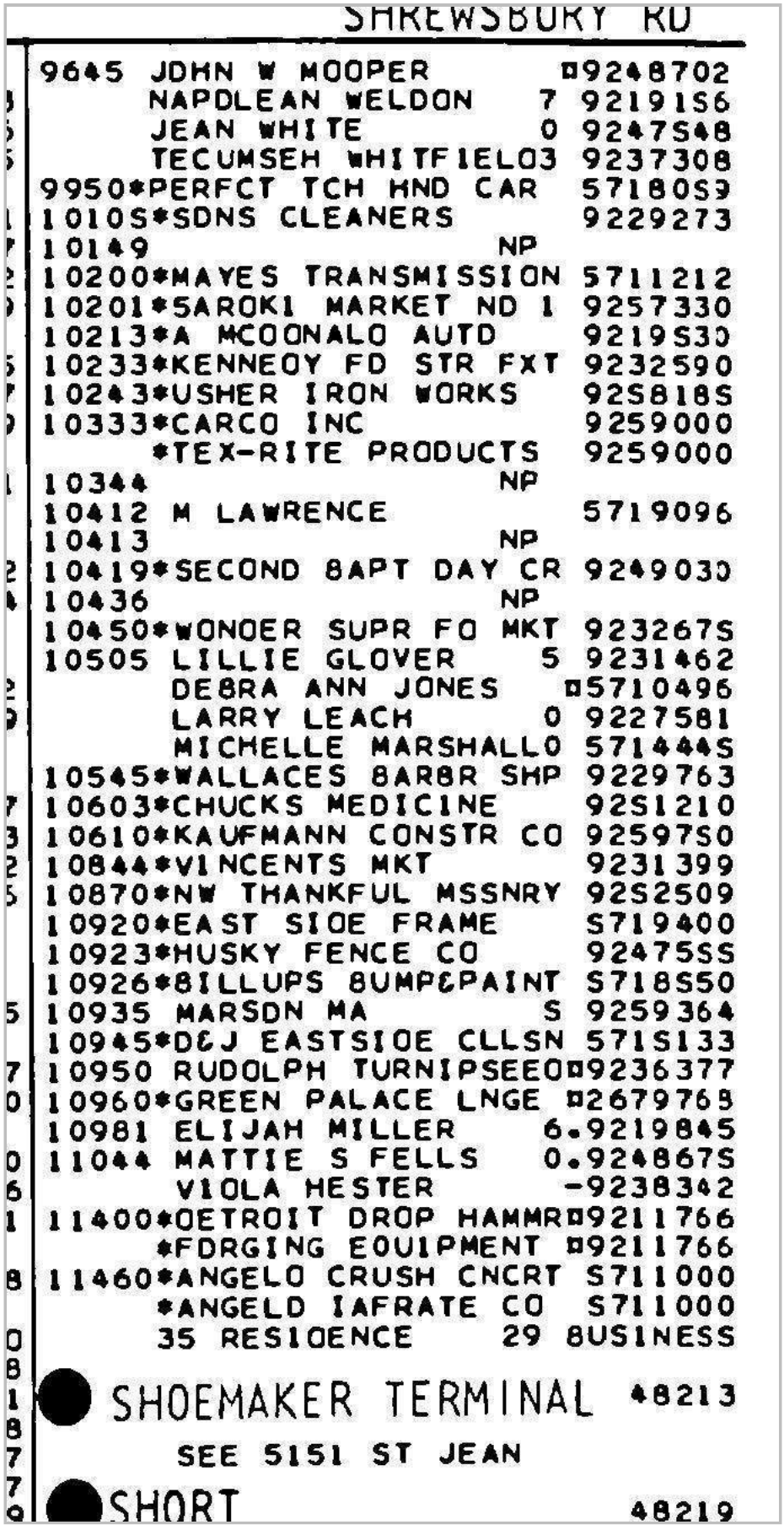

Target Street	Cross Street	Source
✓	-	Bresser's Cross-Index Directory

SHOEMAKER ST 1982



SHREWSBURY RD

9645 JOHN W MOOPER ▫9248702
NAPOLEAN WELDON 7 9219156
JEAN WHITE 0 9247548
TECUMSEH WHITFIELO3 9237308
9950*PERFCT TCH HND CAR 5718059
10105*SONS CLEANERS 9229273
10149 NP
10200*MAYES TRANSMISSION 5711212
10201*SAROKI MARKET ND 1 9257330
10213*A MCOONALO AUTO 9219530
10233*KENNEOY FO STR FXT 9232590
10243*USHER IRON WORKS 9258185
10333*CARCO INC 9259000
*TEX-RITE PRODUCTS 9259000
10344 NP
10412 M LAWRENCE 5719096
10413 NP
10419*SECOND BAPT DAY CR 9249030
10436 NP
10450*WONOER SUPR FO MKT 9232675
10505 LILLIE GLOVER 5 9231462
DEBRA ANN JONES ▫5710496
LARRY LEACH 0 9227581
MICHELLE MARSHALLO 5714445
10545*WALLACES BARBR SHP 9229763
10603*CHUCKS MEDICINE 9251210
10610*KAUFMANN CONSTR CO 9259750
10844*VINCENTS MKT 9231399
10870*NW THANKFUL MSSNRY 9252509
10920*EAST SIOE FRAME 5719400
10923*HUSKY FENCE CO 9247555
10926*BILLUPS BUMP&PAINT 5718550
10935 MARSON MA S 9259364
10945*D&J EASTSIOE CLLSN 5715133
10950 RUDOLPH TURNIPSEEO▫9236377
10960*GREEN PALACE LNGE ▫2679769
10981 ELIJAH MILLER 6.9219845
11044 MATTIE S FELLS 0.9248675
VIOLA HESTER -9238342
11400*OETROIT DROP HAMMR▫9211766
*FORGING EQUIPMENT ▫9211766
11460*ANGELO CRUSH CNCRT 5711000
*ANGELO IAFRATE CO 5711000
35 RESIOENCE 29 BUSINESS

SHOEMAKER TERMINAL 48213

SEE 5151 ST JEAN

SHORT 48219

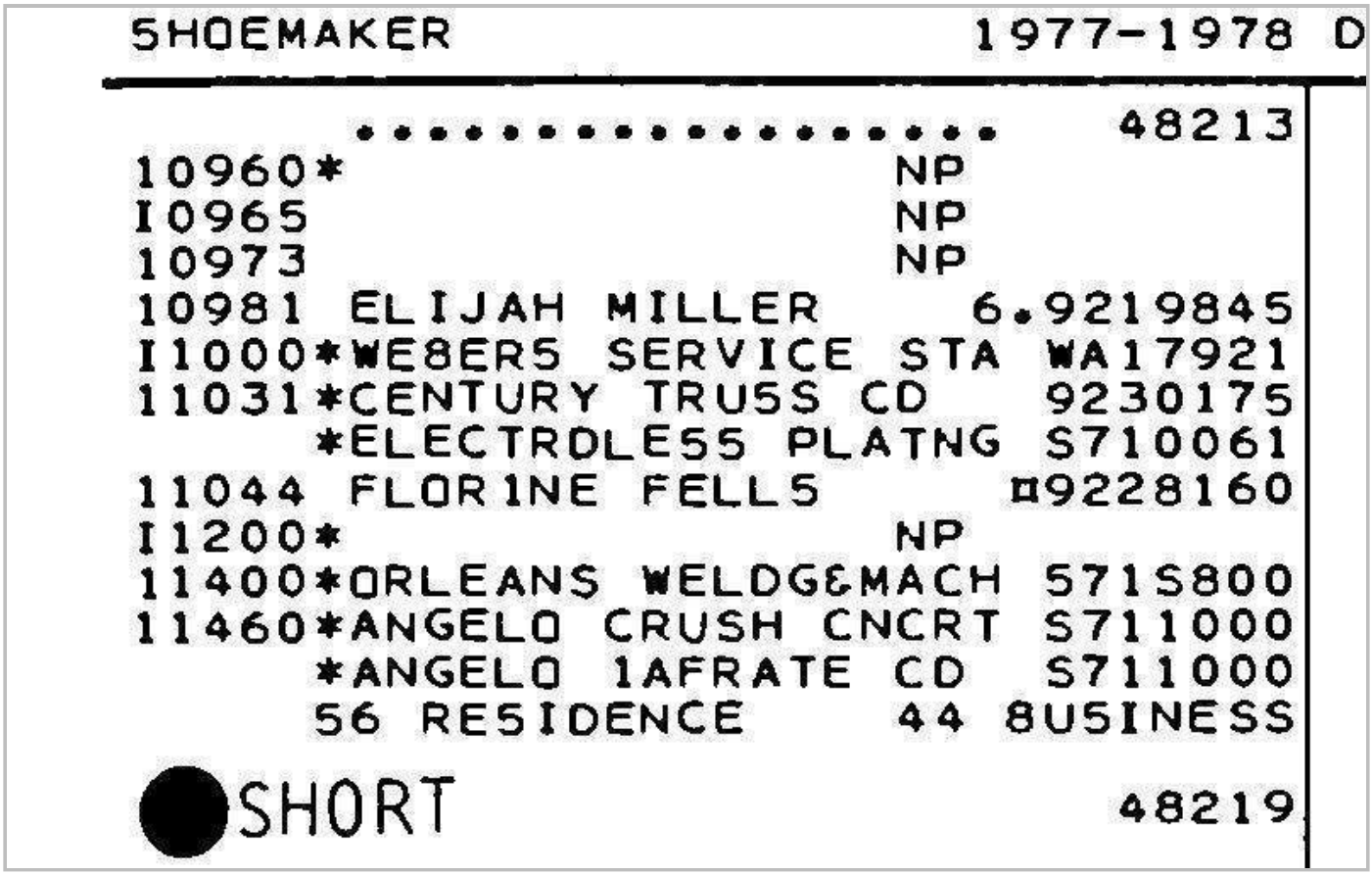
Target Street	Cross Street	Source
-	✓	Bresser's Cross-Index Directory

ST JEAN ST 1982

```
4447  MARY DAVIS                 9 8220930
4450  CLYDE ELLINGTDN              8233831
4456  4461 4462 4471  NP
4474  4480 4491 4503  NP
4504                  NP
4510  DAVID MCPHERSON             .8212856
4513  ELMIRA JACKSDN             2 3314272
4519  4520 4526 4527  NP
4533  4534 4540 4607  NP
4621  FANNIE CARRDLL              .8240004
4623  LERDY KIM8LE                8235985
4625  A RUSSELL                  2 8244149
4632  SANDY PINKNEY               □3310851
4639  4645 4651 4692  NP
4660  4666            NP
4669  JEAN WILCDX                 3311347
4674  CLAUDIA HDWARD             0.8224584
4677  GLEN EVANS                 9 3317987
4680  CARL C RUMSEY               .8228670
4697                  NP
4707*COSMOS CORNER                8210541
4711  RUBIN STANFDRO             7 3314463
      PERVIS STUCKEY             4.3319427

      ••••••••••••••••••••          48213
5100*ATLAS WHOLESL FOOD           9211251
5151*CTY TRNP LST ARTCL           2676960
5451*CTY TRANS SHDEMKR            2676960
     *CITY TRANS GARAGE           2676964
5600*NATL 8RCH&MACH DIV           9218980
5650*REO PELICAN FD PRO           9212500
5704*RIECHER ELECTRIC             5717090
     *RIECHER ELECT SALS          9212560
5808*MET-L-AID INC                9232222
6117                  NP
     299 RESIDENCE     31 8USINESS
●ST JOHN                              48210
```

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

SHOEMAKER ST 1977



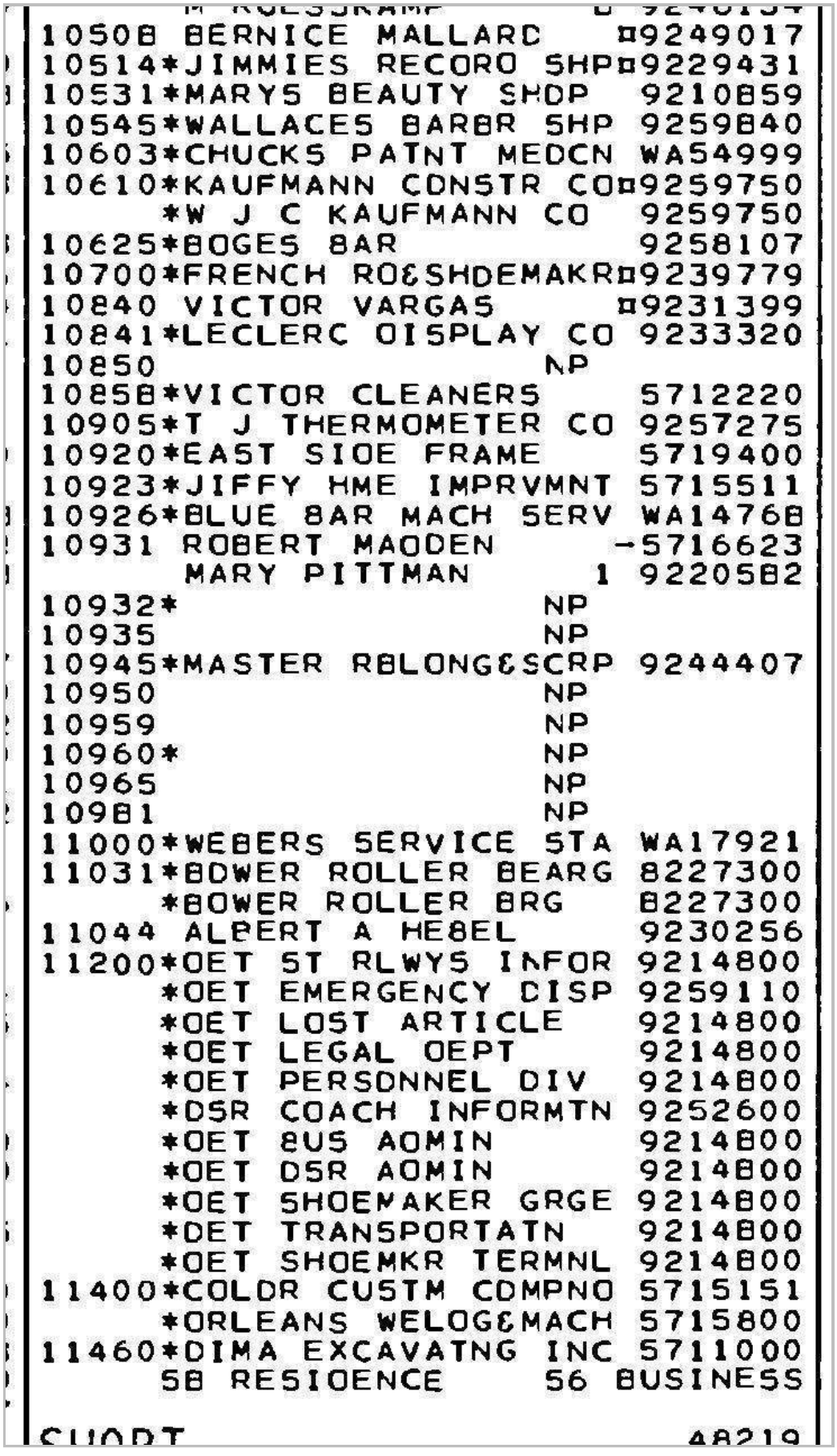
Target Street	Cross Street	Source
-	✓	Bresser's Cross-Index Directory

ST JEAN ST 1977

```
          •••••••••••••••••••     48214
4679                        NP
4680 CARL C RUMSEY            9.8228670
4681                        NP
4687                        NP
4699                        NP
4707*COSMOS CORNER                VA10541
4711*HUNTERS&FULTON CFT          3319260
     RUBIN STANFORO             ¤3314463
     PERVIS STUCKEY            4.3319427

          •••••••••••••••••••     48213
5091*B F GOODRICH CO              9218620
5100*ATLAS WHLSL FOOD            -9211251
5149*SOUTHEAST CDC                9255300
     *WAYNE CO RESP OSEA          9234974
5300*                       NP
5600*NATL BRCH&MACH DIV            9218980
5650*RED PELICAN FD PRD           WA12500
5664*P&M PRODUCTS CO              9210510
5704*RIECHER ELECTRIC             5717090
     *RIECHER ELEC SALES          WA12560
5718*WOLVERINE METAL CO           9233200
5808*MET-L-AID INC                9232222
5828*                       NP
5901*                       NP
6000*DETROIT ELETN COMM            9213762
     *CITY ELCTN CM E YD          9215706
6117 CHARLES F EVANS             .WA51443
6125                        NP
6131                        NP
     398 RESIDENCE     52 BUSINESS

●ST JOHN                          48210
```

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

SHOEMAKER ST 1972



```
M ROESSRAMP                    D 9240154
10508 BERNICE MALLARD          ¤9249017
10514*JIMMIES RECORD SHP       ¤9229431
10531*MARYS BEAUTY SHOP         9210859
10545*WALLACES BARBR SHP        9259840
10603*CHUCKS PATNT MEDCN        WA54999
10610*KAUFMANN CONSTR CO       ¤9259750
      *W J C KAUFMANN CO        9259750
10625*BOGES BAR                 9258107
10700*FRENCH RO&SHOEMAKR       ¤9239779
10840 VICTOR VARGAS            ¤9231399
10841*LECLERC DISPLAY CO        9233320
10850                          NP
10858*VICTOR CLEANERS            5712220
10905*T J THERMOMETER CO        9257275
10920*EAST SIDE FRAME            5719400
10923*JIFFY HME IMPRVMNT        5715511
10926*BLUE BAR MACH SERV        WA14768
10931 ROBERT MADDEN            -5716623
      MARY PITTMAN              1 9220582
10932*                         NP
10935                          NP
10945*MASTER RBLONG&SCRP         9244407
10950                          NP
10959                          NP
10960*                         NP
10965                          NP
10981                          NP
11000*WEBERS SERVICE STA        WA17921
11031*BOWER ROLLER BEARG        8227300
      *BOWER ROLLER BRG         8227300
11044 ALBERT A HEBEL            9230256
11200*DET ST RLWYS INFOR         9214800
      *DET EMERGENCY DISP       9259110
      *DET LOST ARTICLE         9214800
      *DET LEGAL DEPT           9214800
      *DET PERSONNEL DIV        9214800
      *DSR COACH INFORMTN       9252600
      *DET BUS ADMIN            9214800
      *DET DSR ADMIN            9214800
      *DET SHOEMAKER GRGE       9214800
      *DET TRANSPORTATN         9214800
      *DET SHOEMKR TERMNL       9214800
11400*COLOR CUSTM COMPNO        5715151
      *ORLEANS WELDG&MACH       5715800
11460*DIMA EXCAVATNG INC        5711000
      58 RESIDENCE              56 BUSINESS

SUPRT                                  48219
```

ST JEAN ST 1972

```
4663                          NP
4666 GEORGE WALLACE                8216664
4669 JEAN WILCDX                 9 3311347
4674                          NP
4677 ENITH MAE CALVIN            1 4992333
4680 CARL C RUMSEY               9.8228670
4681                          NP
4687                          NP
4699 PEARL OSTERHOUT             1 8240184
4707                          NP
4711*PEPES LUNCH                  ¤3319623
4714*A&J 800KS                    ¤8249040

      ••••••••••••••••••••          48213
5100*SEMMLER CORP                 WA16780
     *SEMMLER INVST CO            WA16789
5149*DET PERSONNEL DIV            9214800
     *DET III MAIN CTR            92SS300
5300*                         NP
5600*NTL 8ROACH&MACHINE          WA18980
5650*RED PELICAN FD PRD           WA12500
     *MCNAMARA FOOD PROD          WA12S00
5664*JAY ELECTRIC CO              WA10400
     *OHIO CAR8ON CO              WA10400
5704*RIECHER ELECTRIC             WA12S60
     *RIECHER ELECTRIC            S717090
5718*                         NP
5780*NU-PORT PATIO CO             S71S170
     *FEDERAL AWNING              5716310
5808*KELLER SERVICES              9248610
5828*                         NP
5901*                         NP
6000*DETROIT ELETN COMM           9213762
6117 CHARLES F EVANS              .WA51443
6125 JUNE M 8EAIRD                1.5714833
6131 HUGH G TUCKER                6 9210330
   366 RESIDENCE                  S8 8USINESS
```

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

SHOEMAKER ST 1967

```
      BARNEY WILBURN    6 9212539
10508*SAMS LUNCH RM NO 2 9239512
10531*MILDREDS BTY SALON WA16690
10603*CHUCKS PATNT MEDCN WA54999
10610*W J C KAUFMANN CO  9212165
10617*HORNS             ¤WA11620
10625*BOGES BAR          WA15678
10632                NP
10634 WALTER JETTER     ¤9226633
10640                NP
10755*SHOEMAKER&ASSC BAR WA29885
..... 10800-11747 TZ 427 $C..C11
10800*JULIOS GULF SER    9248111
10801                NP
10840 VINCENZO IAFRATE  .WA36809
10841*KEYDEL COMPANY      9216055
10844*RINALDIS MARKET     WA10375
10850 HAROLD DALY       6 9224831
10858*A&M CLEANERS        9259833
10901*HARRY KEFALOS GROC WA19387
10905*FORT PRODUCTS     ¤9232770
10909                NP
10920*MICH MACHINE BLDRS 9243044
     *MICH MACH REBLDRS ¤9243633
10923*T J THERMOMETER CO 9257275
10926*ACME BAKERY&FD MCH WA14768
     *BLUE BAR MACH SERV WA14768
     *BLUE BAR MACH SERV¤WA10108
10931 ELIHU BEY         ¤9210644
      RUTHIE M MCCORD   6 9252381
10932*DET ITALIAN BAK CO WA19353
     *FAMOUS ITALIAN BAK WA19353
10935 MARSON YEE        .WA59364
10945*SPRINGFIELD SERV   WA42560
10950 ERNEST VAN HOELST3.WA49333
10960*               NP
11000*WEBERS SERVICE STA WA17921
11031*BOWER RLR BRG DIV  9210750
     *REDERAL-MOGUL CORP-9210750
11044 ALBERT A HEBEL     WA30256
11200*DET D S R COACH    9252600
     *DET RY TRANSPORTN  9214800
     *DETROIT ST RR CLMS 9214800
     *DETROIT ST RR INFO 9214800
     *DSR COACH INFORMTN 9252600
11255*PERRYS SERV STA   ¤9229296
11400*POM MC FATE CO      WA11073
11460*F L LYLE TRNKG CO  9232206
 11480               NP
 11511               NP
       88 RESIDENCE  61 BUSINESS
```

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

ST JEAN ST 1967

```
4711*PEPES RESTAURANT    8249716

      ..................   48213
.....  5000- 8999 TZ 427 $C..C11
5100*SEMMLER CORP        WA16780
     *SEMMLER INVST CO   WA16789
5149*DET RY PERSONNEL    9214800
     *DET MAYORS COMMTEE 9255300
5150*SEMMLER MARINE CO   WA51010
5173                     NP
5600*NTL BROACH&MACHINE WA18980
5625                     NP
5650*RED PELICAN FD PRD  WA12500
     *MCNAMARA FOOD PROD WA12500
5664*JAY ELECTRIC CO     WA10400
5685                     NP
5701                     NP
5704*SENECA MACH TOOL     WA19091
5780*METRO TOOL&DIE CO    WA17788
5808*DYNA CUBE CO        ¤9227040
     *KELLER SERVICES    ¤9248610
5828*DET PUBLC LTNG COM  9238171
5865                     NP
5901*                    NP
6000*DETROIT ELETN COMM  9213762
6105 PEGGY COSTELLO      5711156
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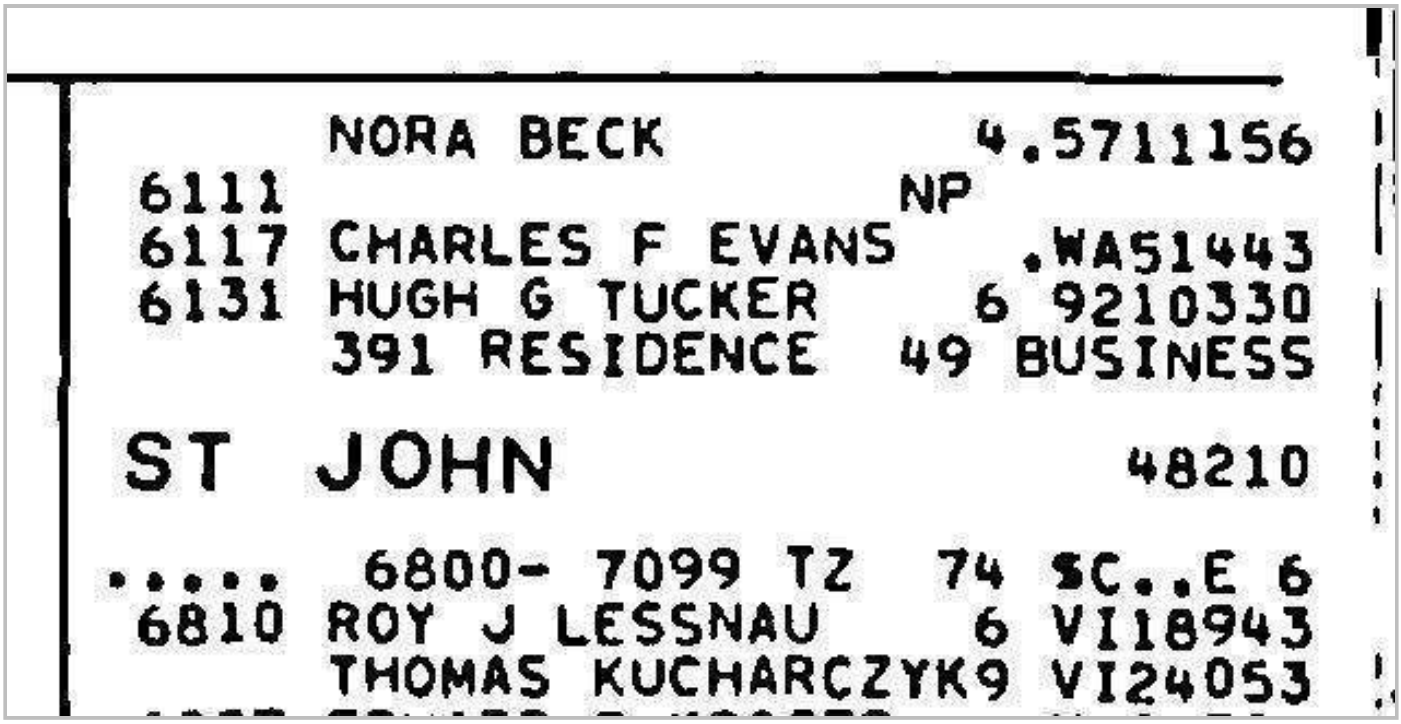
Target Street	Cross Street	Source
-	✓	Bresser's Cross-Index Directory

ST JEAN ST 1967



```
        NORA BECK                4.5711156
6111                          NP
6117 CHARLES F EVANS          .WA51443
6131 HUGH G TUCKER          6 9210330
     391 RESIDENCE  49 BUSINESS

ST JOHN                          48210

.....  6800- 7099 TZ   74 SC..E 6
6810 ROY J LESSNAU          6 VI18943
     THOMAS KUCHARCZYK9 VI24053
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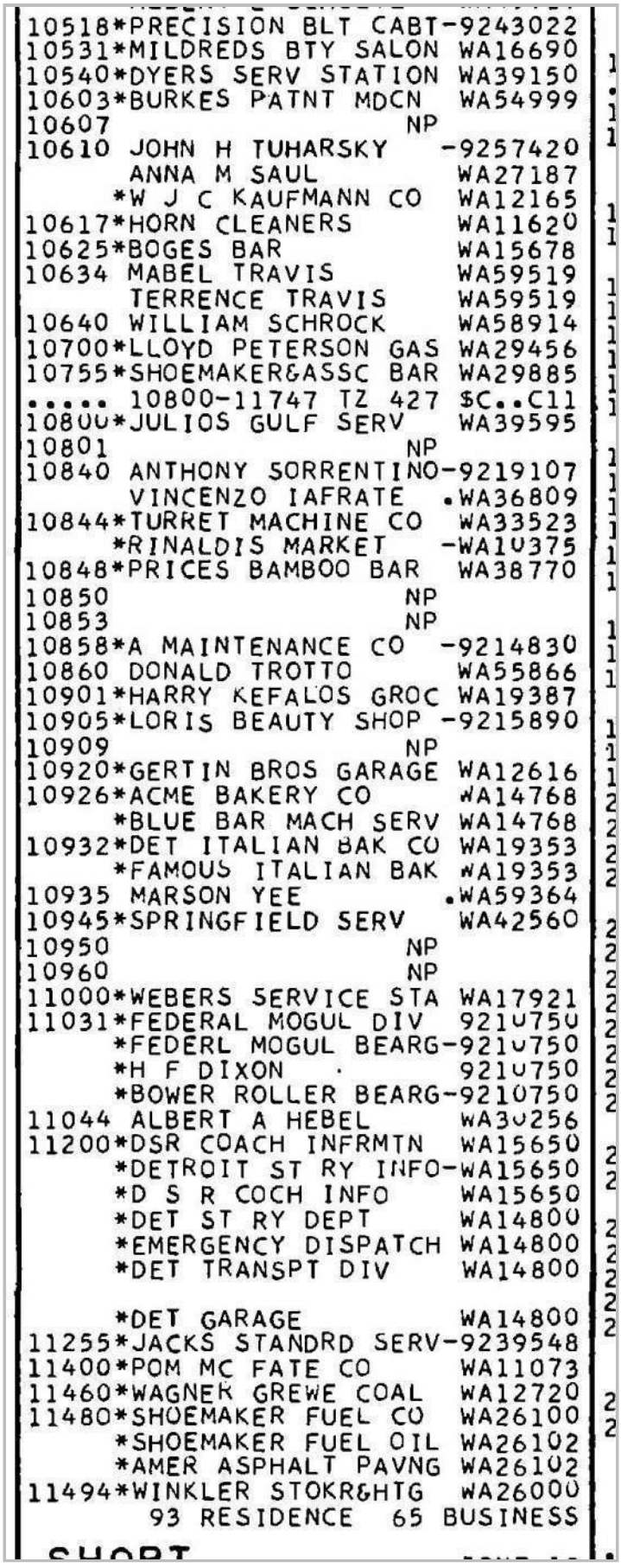
Target Street	Cross Street	Source
✓	-	Bresser's Cross-Index Directory

SHOEMAKER ST 1962



```
10518*PRECISION BLT CABT-9243022
10531*MILDREDS BTY SALON WA16690
10540*DYERS SERV STATION WA39150
10603*BURKES PATNT MDCN  WA54999
10607                    NP
10610 JOHN H TUHARSKY   -9257420
      ANNA M SAUL        WA27187
     *W J C KAUFMANN CO  WA12165
10617*HORN CLEANERS      WA11620
10625*BOGES BAR          WA15678
10634 MABEL TRAVIS       WA59519
      TERRENCE TRAVIS    WA59519
10640 WILLIAM SCHROCK    WA58914
10700*LLOYD PETERSON GAS WA29456
10755*SHOEMAKER&ASSC BAR WA29885
..... 10800-11747 TZ 427 $C..C11
10800*JULIOS GULF SERV   WA39595
10801                    NP
10840 ANTHONY SORRENTINO-9219107
      VINCENZO IAFRATE  .WA36809
10844*TURRET MACHINE CO  WA33523
     *RINALDIS MARKET    -WA10375
10848*PRICES BAMBOO BAR  WA38770
10850                    NP
10853                    NP
10858*A MAINTENANCE CO   -9214830
10860 DONALD TROTTO      WA55866
10901*HARRY KEFALOS GROC WA19387
10905*LORIS BEAUTY SHOP -9215890
10909                    NP
10920*GERTIN BROS GARAGE WA12616
10926*ACME BAKERY CO     WA14768
     *BLUE BAR MACH SERV WA14768
10932*DET ITALIAN BAK CO WA19353
     *FAMOUS ITALIAN BAK WA19353
10935 MARSON YEE        .WA59364
10945*SPRINGFIELD SERV   WA42560
10950                    NP
10960                    NP
11000*WEBERS SERVICE STA WA17921
11031*FEDERAL MOGUL DIV  9210750
     *FEDERL MOGUL BEARG-9210750
     *H F DIXON          9210750
     *BOWER ROLLER BEARG-9210750
11044 ALBERT A HEBEL     WA30256
11200*DSR COACH INFRMTN  WA15650
     *DETROIT ST RY INFO-WA15650
     *D S R COCH INFO    WA15650
     *DET ST RY DEPT     WA14800
     *EMERGENCY DISPATCH WA14800
     *DET TRANSPT DIV    WA14800
     *DET GARAGE         WA14800
11255*JACKS STANDRD SERV-9239548
11400*POM MC FATE CO      WA11073
11460*WAGNER GREWE COAL  WA12720
11480*SHOEMAKER FUEL CO  WA26100
     *SHOEMAKER FUEL OIL WA26102
     *AMER ASPHALT PAVNG WA26102
11494*WINKLER STOKR&HTG  WA26000
       93 RESIDENCE  65 BUSINESS
SHORT
```

ST JEAN ST 1962

3920 MICHAEL WHITEHEAD -VA16858
ROBT WHITEHEAD JR -VA16858
ROBERT WHITEHEAD VA16858
3923 ORLANDO HALL -8222729
3924 MARY CARIVALY VA40585
3928 WALTER HASSIG .VA21283
3929 JO ANN PARKS -8213147
3934 NP
3935 PERCY T JEFFRIES -3318003
3940 NP
3941 FRANK FIRESTINE .VA18729
3942 FRANCES BOWMAN -VA24185
3947 SIDNEY PRESLEY .VA17936
3948 EMIL CIEL .VA40189
3950 IDA B MCCAFFREY .VA40657
3954 NP
3956 SAM CANDIO VA49469
3957 DORIS N THOMPSON .VA12841
3963 W J BILBREY VA10180
3965 CHARLENE P GUTHRIE VA16375
3973 FRANK JANECK VA29147
3981 VINCENZO FERRANTI .VA14657
3983 FRANK LEONE ED10353
3984 ALBERT R COLE .VA17662
3987 MARCELLA JOHNSON VA18380
T RICHARDSON VA13179
3991 ELLA WEINGART .VA43126
4103 EMILY SCOTT 8214318
4105 MAGGIE BAILEY VA22670
4109 MRS GEORGE SIM ED13325
4111 CLAUDE R WYSONG 8213952
4117 KATHERINE AUBERMAN.VA40988
4126 EARL THOMPSON .VA18132
4127 NP
4129 SAMUEL L BROWN -3313488
4139 NP
4147 NP
4150 H REYNAERT .VA15914
4157 SAMUEL JONES VA15249
4158 JOHN MOTTO .VA28009
4159 LOUISE OWENS VA19382
4163 MARIE KRISEL -8210670
4164 CARL ASBELL -8223732
4165 LORETTA THOMAS -8221755
4169 LUTHER FRANKLIN VA40829
4171 LEROY BASCOMB -8216670
4177 REBECCA JOHNSON ED19901
4188 IDA CHAPMAN -8210059
JAMES E CHAPMAN -8210059
PAULETTE CHAPMAN -8210059
4194 CLAUDIA DOBBS 8214389
4204 NP
4412 ANDREW TOSOLT VA15821
4414*BERN & MDGE BTY SL VA28091
JOSEPH J JEFFERN VA13689
4420 YASHAR HALIM .ED17939
4425*JESSIES MARKET VA18215
4426 FRANK CALANDRINO .VA17057
4431 J C GRAHAM SR .VA20047
4437 NP
4441 SOPHIE LEFTY .VA40886
4447 JOS C ORourke .ED17752
4455 JOSEPH LOCH .ED17739
4461 JOHN HUDSON .VA28036
4467 E KERNICK VA32352
4468 CHRISTIAN H MAROHN VA13498
4471 ROMEO ISOLA .ED14169
4474 HENRY NEINHARDT VA11041
4479 NORMAN HOOPER .ED17162
4480 NP
4485 MARGARET LOCH .VA44726
BERNICE MCDONALD ED15031
4486 MARIE MASON .VA47317
4491 LENA V LA ROSE .ED10608
4492 TYRONE THACKER -8226376
CURTIS J BRYSON -8230755
4497 LEON F BRUSSEAU .VA15179
4503*LISTERMAN ELEC CO VA21135
EDWARD H LISTERMAN.VA19646
4504 HELEN WESSERLING .VA44522
4510 DAVID MCPHERSON .VA12856
4513 NP
4519 DICK DEATH .VA26826
4520 PETER MESSINA ED17421
4527 GEORGE EVANS -8242374
4533 NP
LYON NEWSOM -8247408
4534 DAVID ANDERSON -8230280
DOLORES ANDERSON -8230280
DAVID ANDERSON VA28150
ARTHUR CREGETT VA28150
4540 HENRY J JOHN ED10327
4543 OLLIE BROWN .ED14659
4552 NP
4553 OTTO PACE VA12061
4561*SCHARCO MFG CORP -8224484
*AUTO INDSTRS INC -VA26707
4600*DONALD NUSHOLTZ VA26225
4621 NP
4631 BERNARD DELEEUW VA44048
4639 NP
4645 ALBIEN MAES .VA48493
4646 JAMES GIORDANO VA18540
4651 MILO NEWER VA10079
4652 HARRY E MORGAN VA16839
4663*AMBASSADOR CARTAGE VA14477
4669 NP
4677 ACHILE SERRY .VA16352
4680 CARL GILLIS -8228670
4681 BILL G HONEYCUTT VA44891
4697 LEON SMITH .ED16516
4699 NP
4707 NP
4714*LIBERTY GRILL ED19173

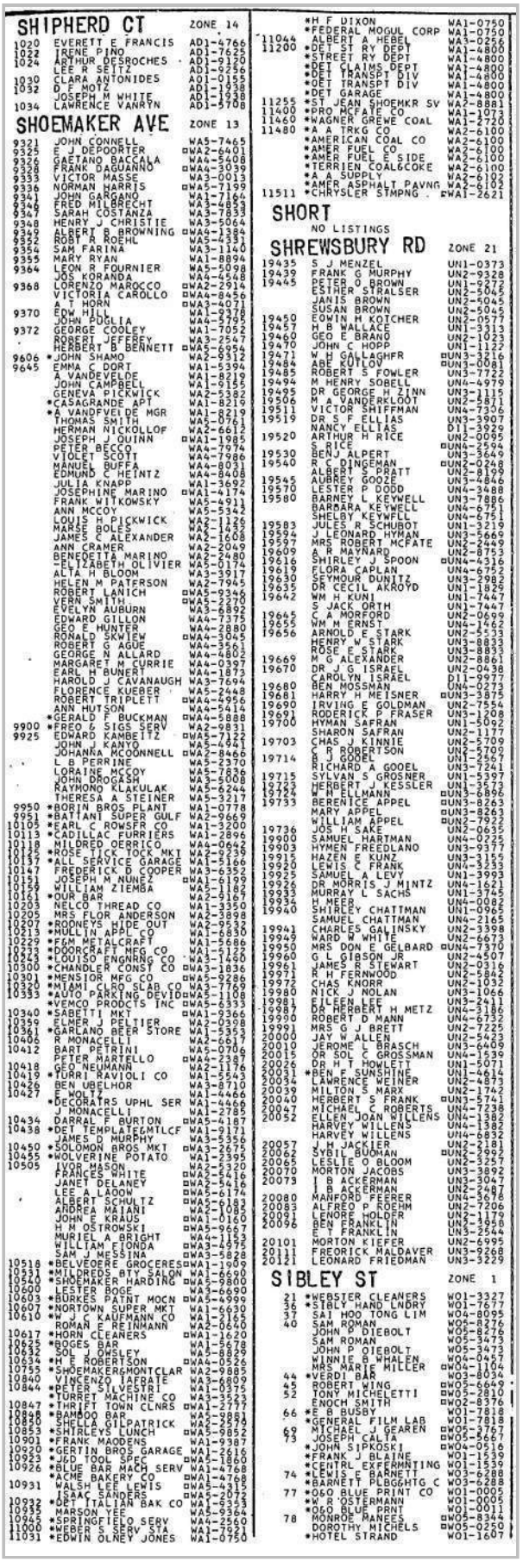
.....ZONE 13.....
..... 5000- 8999 TZ 427 $C..C11
5100*SEMMLER WHOL SUP WA16780
*SEMMLER INVST CO WA16789
*SEMMLER MARINE INC WA51010
5149*DET PERSONNEL DIV WA14800
*DET INSTR SCHL WA14800
5172*WALLICH GREER LMBR WA23860
*BACK LBR CO WA19460
*WILLIAM F BACK WA19460
*WILLIAM F BACK LBR WA19460
*J GREER&SONS -9234477

5173 NP
5600*NATL BROACH&MACH WA18980
5625 NP
5650*RED PELICAN FD PRD WA12500
5664*JAY ELECTRIC CO WA10400
5679 NP
5685 NP
5701 NP
5704*SENECA MACH TOOL WA19091
5780*METRO TOOL&DIE CO WA17788
5808*MISTER SERVICE INC-WA39200
*MR SERVICE INC WA39200
5865 NP
5901*HANDLONS GARAGE WA34340
6000*ELECTION COMM STRG WA13762
6097 NP
6105 PEGGY COSTELLO WA42862
ANNA SCALISE WA42862
6111 PETER STERGIOU -9252540
THOMAS KARATHANOS -9252540
6117 CHAS F EVANS .WA51443
6125 CORNELIUS BUCKLEY -9249180
6131 NP
SAM SANTILLI -9257483
416 RESIDENCE 56 BUSINESS

ST JOHN ZONE 10

..... 6800- 7099 TZ 74 $C..E 6
6810 THOMAS KUCHARCZYK VI24053
GUST MATVAYCHUK VI18943
6827 ANNA MORAWSKI .VI23637
EDW F KROGER VI26528
6828 NP
6835 RAYMOND A BEYER JR-8415604
6839 LOTTIE J SZCZYBEK -VI20620
6841 MARION KOWNACKI VI31532
6844 ANNE R FEDORONKO .VI30391
6852 CHARLES J DUSMAN VI17086
6853 NP
JOHN A CROCKETT -8422941
VIRGINIA CROCKETT -8422941
6859 NP
6862 JOHN L HENDERSON -VI31284
6865 ANNA C SCHETTLER .VI11654
6868 NP
6869 WASILE GRIWICKI .VI18095
6874 NP
6875 EDMOND MIESZCZUR VI10404
6877 NP
6879 MARY V SOCZKO VI32637
6881 DOROTHY D JANOWICZ VI36754
6887 HELEN SERWINSKI VI12992
6900 FRANK E ADAMSKI VI20449
6903 ROZELLA BIGGS VI23339
FRANK KRAMER VI23339
6907 ROMAN J DUDEK VI34484
6915 JULIAN WILK .VI17659
6920 ALOYSIUS W SWINTEC-8428155
6921 ALBERT S RAFELS .VI30768
6927 MAT OLESKO .VI12524
6935 BERNICE GORSKI .VI12043
6939 STANLEY CZERNIA .VI30791
6942 VALI BOGES .VI17846
6945 ANGHONY E DOGIL -8430053
6947 JOHN ATKOCAITIS .VI22051
6951 RICHARD J LUPA -VI34079
LORETTA LUPA VI34079
6957 ALBERT KUNDRAT VI14968
6959 ALFRED KUNDROT VI22384
7003 EDWARD GRABOWSKI .VI33253
7004 STANLEY STRAUSS .VI18153
7007 NP
7010 FRANK RAK .VI23626
7015 JOS NORWICK .VI17228
7021 PAUL PAWLYK .VI28151
7022 WILLIAM WODIANSKY .VI19269
7027 MICHAEL STEKALA .VI13672
7030 MYRTLE L CHUPRUN -8421122
7033 JOHN WEISE .VI10151
7036 ALEX ORGANEK -8431822
7041 NP
FRANK SIMUNEK -8420454
7043 DANIEL A CICELSKI -8421059
..... 7100- 7699 TZ 75 $C..F 6
7104 MIKE POLOHONKI VI30905
JOSEPHINE BARSKI VI34581
7105 EMANUEL SCIBERRAS VI14658
*AJAX CLEANERS VI33299
7114 WALTER KOCHAN .VI32828
7115 DAN KOPKO VI21823
7120 JOHN SZCZERBATY JR.VI17505
7121 JOHN KRZYWKOWSKI .VI23566
RICHARD A LEPAK VI32895
7126 GEORGE E MURSCH VI13737
7132 GEO BILAN VI32209
7139 NP
7145 K KRUPCZAK -VI28339
7157 ROBERT R KUSIBAB VI31452
EDWARD CZUJ .VI27647
7158 EDMUND R GUCWA VI18002
7161 BERNARD J MALSKI .VI13313
7164 CAROL R BUSH -VI32658
7170 JOHN M BEDNARZ .VI10045
7173 LOUIS B MLYNEK .VI32965
7174 NP
7179 GERTRUDE DAMIENCKI.VI34593
7180 HENRY PIEGZA .VI18187
7195 WANDA L DLUZYNSKI VI19308
MARION BUCON VI35605
7196*POLISH VILL TAVERN VI29269
7301 MRS R BIENKOWSKI .VI25613
TED GORECKI VI36537
7304*SOFI BALL BAR -VI29639
THEODORE W CZACH -8426679
7309*DESIGN ELECTRIC CO VI36855
7310 STEVE RYZNAR .VI15702
7316 S W NIEZGODA VI28596
E S GARDULSKI JR VI37773
7320 ANDREW WARZOCHA VI35577
7327 WILLIAM A WIKTOR VI22048
7328 B BELECKI .VI39358
7333 JOSEPH CIESLA .VI36672
7336 WALTER GAWLIK .VI26079
7339 BERNARD SPIGIEL .VI31273
7340 ANNA NAMYSLOWSKI -8431074
VICTOR GUTOWSKI .VI34610

SHOEMAKER ST 1957



SHIPHERD CT — ZONE 14

1020 EVERETT E FRANCIS AD1-4766
1022 IRENE PINO AD1-7625
1024 ARTHUR DESROCHES AD1-9170
LEE R SEITZ AD1-9256
1030 CLARA ANTONIDES AD1-0155
1032 D F MOTZ AD1-1938
JOSEPH M WHITE AD1-1938
1034 LAWRENCE VANRYN AD1-5708

SHOEMAKER AVE — ZONE 13

9321 JOHN CONNELL WA5-7465
9325 E J DEPOORTER ▫WA2-6401
9326 GAETANO BACCALA WA4-5408
9328 FRANK DAGUANNO ▫WA4-3039
9333 VICTOR MASSE WA3-0013
9336 NORMAN HARRIS ▫WA5-7199
9341 JOHN GARGANO WA1-7164
9346 FRED MILBRECHT WA3-4853
9347 SARAH COSTANZA WA3-7833
9348 HENRY J CHRISTIE WA3-5064
9342 ALBERT B BROWNING ▫WA4-1384
9352 ROBT R ROEHL WA5-4331
9354 SAM FARINA WA3-1140
9355 MARY RYAN WA1-8894
9364 LEON R FOURNIER WA5-5098
JOS KORANDA WA4-4548
9368 LORENZO MAROCCO ▫WA2-2914
VICTORIA CAROLLO ▫WA4-8456
A T HORN ▫WA3-4071
9370 EDW HILL WA1-9378
JOHN PUGLIA WA4-5795
9372 GEORGE COOLEY WA1-7052
ROBERT JEFFREY WA3-2547
HERBERT B BENNETT ▫WA5-6954
9606 *JOHN SHAMO WA2-9312
9645 EMMA C DORT WA1-5394
A VANDEVELDE WA1-8219
JOHN CAMPBELL WA1-9155
GENEVA PICKWICK WA2-5382
*CASAGRANDE APT WA1-8219
*A VANDEVELDE MGR WA1-8219
THOMAS SMITH WA5-0761
HERMAN NICKOLLOF WA2-6612
JOSEPH J QUINN ▫WA1-1985
PETER BECCE WA4-7974
VIOLET SCOTT WA4-7986
MANUEL BUFFA WA4-8031
EDMUND C HEINTZ WA4-8408
JULIA KNAPP WA1-3692
JOSEPHINE MARINO ▫WA1-4174
FRANK WITKOWSKY WA5-4911
ANN MCCOY WA5-5342
LOUIS H PICKWICK WA2-1126
MARSE BOLES WA2-1452
JAMES C ALEXANDER WA2-1608
ANN CRAMER WA2-2049
BENEDETTA MARINO WA2-9480
-ELIZABETH OLIVIER WA5-0174
ALTA H BLOOM WA3-3917
HELEN M PATERSON WA2-7945
ROBERT LANICH ▫WA5-9346
VERN SMITH ▫WA5-2270
EVELYN AUBURN WA3-6892
EDWARD GILLON WA4-7375
GEO E HUNTER WA4-2880
RONALD SKWIEW ▫WA4-3045
ROBERT G AGUE WA4-3561
GEORGE N ALLARD WA4-4802
MARGARET M CURRIE WA4-0397
EARL H BUNERT WA4-1873
HAROLD J CAVANAUGH WA3-7694
FLORENCE KUEBER WA5-2448
ROBERT TRIPLETT ▫WA4-4956
ANN HUTSON WA4-5414
*GERALD F BUCKMAN ▫WA4-5888
9900 *FRED & SIGS SERV WA2-9831
9925 EDWARD KAMBEITZ ▫WA5-7122
JOHN J KANYO WA5-4941
JOHANNA MCOONNELL ▫WA2-8466
L B PERRINE WA5-2370
LORAINE MCCOY WA5-7836
JOHN DROGASH WA3-5008
RAYMOND KLAKULAK WA5-6244
THERESA A STEINER WA5-9217
9950 *BORIN BROS PLANT WA1-0778
9951 *BATTANI SUPER GULF WA2-9669
10105 *EARL C ROWSER CO WA1-3200
10113 *CADILLAC FURRIERS WA1-2896
10118 MILDRED DERRICO WA4-0642
10125 *ROSE TICK TOCK MKT WA2-9736
10157 *ALL SERVICE GARAGE WA1-5166
10147 FREDERICK D COOPER WA3-6352
10151 JOSEPH M NUNEZ ▫WA1-6199
10158 WILLIAM ZIEMBA WA5-1182
10161 *OUR BAR WA2-9167
10203 NELCO THREAD CO WA1-3350
10205 MRS FLOR ANDERSON WA2-3898
10207 *ROONEYS HIDE OUT WA2-9532
10213 *MULLIN APPL CO WA1-6830
10229 *FGM METALCRAFT WA1-5686
10233 *DOORCRAFT MFG CO WA1-5122
10253 *LOUISO ENGNRNG CO WA3-1450
10300 *CHANDLER CONST CO ▫WA3-1836
10301 *MENSIOR MFG CO ▫WA5-9286
10320 *MIAMI CLRO SLAB CO WA3-7769
10333 *AUTO PARKING DEVID▫WA5-1108
*VEMCO PRODCTS INC ▫WA5-6333
10340 *SABETTI MKT ▫WA1-9366
10359 ELMER J PELTIER WA2-0398
10361 *GARLAND BEER STORE WA1-5353
10406 R MONACELLI WA2-6617
10412 BART PETRINI ▫WA5-0706
PETER MARTELLO ▫WA4-2387
10418 GEO NEUMANN WA2-1176
10419 *TURRI RAVIOLI CO WA1-6543
10426 BEN UBELHOR WA3-8710
10427 E WOLTY WA1-4466
*DECORATRS UPHL SER WA1-4466
J MONACELLI WA1-2785
10434 DARRAL F BURTON ▫WA5-4187
10438 *DET TEMPLATE&MTLCF WA1-9171
JAMES D MURPHY WA3-5356
10450 *SOLOMON BROS MKT ▫WA3-2675
10455 *WOLVERINE POTATO WA1-2395
10505 IVOR MASON WA2-5320
FRANCES WHITE ▫WA2-5416
JANET DELANEY ▫WA2-5416
LEE A LAOOW ▫WA5-6174
ALBERT SCHULTZ ▫WA5-6183
ANDREA MAIANI WA2-1084
JOHN E KRAUS ▫WA1-0160
H M OSTROWSKI ▫WA5-9667
MURIEL A BRIGHT WA4-1153
WILLIAM FIONDA ▫WA3-6976
SAM J MESSINA ▫WA3-5828
10518 *BELVEDERE GROCERES▫WA1-1909
10531 *MILDREDS BTY SALON WA1-6690
10540 *SHOEMAKER HARDING ▫WA3-9800
10600 LESTER BOGE WA3-6690
10603 *BURKES PAINT MOCN ▫WA5-4999
10607 *NORTOWN SUPER MKT WA1-6630
10610 *W J C KAUFMANN CO WA1-2145
ROMAN E REINMANN WA2-0640
10617 *HORN CLEANERS ▫WA1-1620
10625 *BOGES BAR WA1-5678
10632 SOL J OWSLEY WA5-8829
10634 *H E ROBERTSON ▫WA4-0526
10755 *SHOEMAKER&MONTCLAR WA2-9885
10840 VINCENZO IAERATE WA3-6809
10844 *PETER SILVESTRI WA1-0375
*TURRET MACHINE CO WA3-3523
10847 *THRIFT TOWN CLNRS ▫WA1-2777
10848 *BAMBOO BAR WA3-2881
10850 SHELLA GILPATRICK WA2-2579
10853 *SHIRLEYS LUNCH ▫WA5-9852
10901 *FRANK MADENS WA1-9387
10920 *GERTIN BROS GARAGE WA1-2616
10923 *JDD TOOL SPEC ▫WA5-18600
10926 *BLUE BAR MACH SERV WA1-4768
*ACME BAKERY CO ▫WA1-4768
10931 WALSH LEE LEWIS ▫WA5-4315
ISAAC SANDERS ▫WA5-2072
10932 *OPT ITALIAN BAK CO WA1-6343
10935 MARSON YEE WA5-9364
10945 *SPRINGFIELD SERV WA4-2560
11000 *WEBER S SERV STA WA1-7921
11031 *EDWIN OLNEY JONES WA1-0750
*H F DIXON WA1-0750
*FEDERAL MOGUL CORP WA1-0750
11044 ALBERT A HEBEL WA3-0256
11200 *DET ST RY DEPT WA1-4800
*STREET RY DEPT WA1-4800
*DET CLAIMS DEPT WA1-4800
*DET TRANSPT DIV WA1-4800
*DET TRANSPT DIV WA1-4800
*DET GARAGE WA1-4800
11255 *ST JEAN SHOEMKR SV WA2-8881
11400 *PRO MCFATE CO WA1-1073
11460 *WAGNER GREWE COAL WA1-2720
11480 *A A TRKG CO WA2-6100
*AMERICAN COAL CO WA2-6100
*AMER FUEL CO WA2-6100
*AMER FUEL E SIDE WA2-6100
*TERRIEN COAL&COKE WA2-6100
*A A SUPPLY WA2-6102
*AMER ASPHALT PAVNG WA2-6102
11511 *CHRYSLER STMPNG ▫WA1-2621

SHORT

NO LISTINGS

SHREWSBURY RD — ZONE 21

19435 S J MENZEL UN1-0373
19439 FRANK G MURPHY UN2-9328
19445 PETER O BROWN UN1-9272
ESTHER STRALSER UN2-5045
JANIS BROWN UN2-5045
SUSAN BROWN UN2-5045
19450 EDWIN M KOTCHER UN2-0577
19457 H B WALLACE UN1-3313
19460 GEO E BRAND UN1-1023
19470 JOHN C HOPP UN1-1122
19471 W H GALLAGHER ▫UN3-3216
19484 ABE KUTLOW ▫UN3-0081
19485 ROBERT S FOWLER UN3-7722
19494 M HENRY SOBELL UN4-4979
19495 DR GEORGE H ZINN UN3-1115
19506 M A VANDERKLOOT UN2-5871
19511 VICTOR SHIFFMAN UN4-7306
19519 DR S F ELLIAS UN3-3907
NANCY ELLIAS D11-3929
19520 ARTHUR H RICE UN2-0095
S RICE ▫UN4-2594
19530 BENJ ALPERT UN3-3649
19540 R C DINGEMAN ▫UN2-0248
ALBERT S PRATT UN2-8199
19545 AUBREY GOOZE UN4-4946
19570 LESTER P DODD UN4-3488
19580 BARNEY L KEYWELL UN3-7886
BARBARA KEYWELL UN4-6751
SHELBY KEYWELL UN4-6751
19583 JULES R SCHUBOT UN1-3219
19594 J LEONARD HYMAN UN3-5669
19597 MRS ROBERT MCFATE UN2-2449
19609 A R MAYNARD UN2-8753
19616 SHIRLEY J SPOON ▫UN4-4316
19618 FLORA CAPLAN UN4-6752
19630 SEYMOUR DUNITZ UN3-2982
19635 DR CECIL AKROYD UN1-1829
19642 WM H KUNI UN1-7447
S JACK ORTH UN1-7447
19645 C A MORFORD UN2-0699
19655 WM M ERNST UN4-1462
19656 ARNOLD E STARK UN2-5533
HENRY W STARK UN3-8833
ROSE E STARK UN3-8833
19669 M G ALEXANDER UN2-8861
19670 DR J G ISRAEL UN2-0438
CAROLYN ISRAEL D11-0977
19680 BEN MOSSMAN UN4-0273
19681 HARRY H MEISNER ▫UN3-3875
19690 IRVING E GOLDMAN UN2-7554
19691 RODERICK P FRASER UN3-1208
19700 HYMAN SAFRAN UN1-5094
SHARON SAFRAN UN2-1177
19703 CHAS J KINNIE UN2-5709
C R ROBERTSON UN2-5709
19714 R J GOOEL UN1-2567
RICHARD A GOOEL UN3-7241
19715 SYLVAN S GROSNER UN1-5397
19723 HERBERT J KESSLER UN1-3673
19724 W M ELLMANN ▫UN3-6896
19733 BERENICE APPEL ▫UN3-8263
MARY APPEL ▫UN3-8263
WILLIAM APPEL ▫UN2-7922
19736 JOS H SAKE UN2-0635
19900 SAMUEL HARTMAN UN4-0225
19903 HYMEN FREEDLAND UN3-9377
19915 HAZEN E KUNZ UN3-3155
19920 LEWIS C FRANK UN4-3233
19925 SAMUEL A LEVY UN1-3993
19926 DR MORRIS J MINTZ UN4-1621
19933 MURRAY L SACHS UN1-3745
19934 H MEER UN4-0082
19940 SHIRLEY CHATTMAN UN1-0965
SAMUEL CHATTMAN UN4-2165
19941 CHARLES GALINSKY UN2-3398
19949 WARD W WHITE UN2-6673
19950 MRS DON E GELBARD ▫UN4-7370
19960 G L GIBSON JR UN2-4507
19961 JAMES R STEWART UN2-0316
19971 R H FERNWOOD UN2-5842
19972 CHAS KNORR UN2-1032
19980 NICK J NOLAN UN3-1066
19981 EILEEN LEE UN3-2411
19987 DR HERBERT H METZ UN4-3186
19990 ROBERT D MANN UN4-6732
19991 MRS G J BRETT UN2-7225
20000 JAY W ALLEN UN3-5423
20010 JEROME L BRASCH UN3-6409
20015 DR SOL C GROSSMAN UN4-1539
20026 DR H T HOWLETT UN1-5071
20031 *BEN F SUNSHINE UN3-4614
20034 LAWRENCE WEINER UN2-4873
20039 MILTON S MARX UN2-1742
20040 HERBERT S FRANK ▫UN3-5741
20047 MICHAEL C ROBERTS UN4-7238
20052 ELLEN JOAN WILLENS UN4-1382
HARVEY WILLENS UN4-1382
HARVEY WILLENS UN4-6832
20057 J H JACKIER UN2-2181
20062 SYBIL BUOMAN ▫UN2-2992
20065 LESLIE O BLOOM UN2-3257
20070 MORTON JACOBS UN3-3892
20073 I B ACKERMAN UN3-3047
I B ACKERMAN UN2-2487
20080 MANFORD FEERER UN4-5678
20083 ALFRED P ROEHM UN2-7206
20091 LENORE HOLDER UN2-1179
20096 BEN FRANKLIN UN2-3950
E T FRANKLIN UN3-2644
20101 MORTON KIEFER UN2-6995
20111 FREDRICK MALDAVER UN3-9268
20121 LEONARD FRIEDMAN UN3-3229

SIBLEY ST — ZONE 1

21 *WEBSTER CLEANERS WO1-3327
36 *SIBLY HAND LNDRY WO1-7677
37 SAI HOO TONG LIM WO4-8095
40 SAM ROMAN WO6-8276
JOHN P DIEBOLT WO6-8276
SAM ROMAN WO5-3473
JOHN P DIEBOLT WO5-3473
WINNIE B WHALEN WO4-0457
MRS MARIE MILLER ▫WO4-1104
44 *VERDI BAR ▫WO3-9934
45 ROBERT WING ▫WO5-6649
52 TONY MICHELETTI ▫WO5-2810
ENOCH SMITH ▫WO2-8376
66 *E B BUSBY WO1-7818
*GENERAL FILM LAB WO1-7818
69 MICHAEL J GEAREN ▫WO6-3767
73 JOSEPH CALTA ▫WO5-5667
*JOHN SIPKOSKI ▫WO4-0516
*FRANK J BLAINE WO1-1539
*CENTRL EXPERMNTING WO1-1539
74 *LEWIS E BARNETT WO3-6288
*BARNETT PLBGGHTG C WO3-6288
77 *O&O BLUE PRINT CO WO1-0005
*W R OSTERMANN WO1-0005
*O&O BLUE PRNT ▫WO1-0011
78 MONROE MANEES ▫WO5-8344
DOROTHY MICHELS ▫WO5-0250
*HOTEL STRAND WO1-1607

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

ST JEAN ST 1957

4534	GARVEN L ALLBRIGHT	EO1-6579
4535	ROSCOE CAREY	ED1-1483
	ELTON BUTTREY	VA1-1508
4540	MRS A BREZNAU	VA1-2273
4543	OLLIE BROWN	EO1-4659
4546	FRED STEWART	VA1-8119
4552	CLIFTON D COLE	□VA2-1943
	HUBERT WOODS	VA4-8944
4553	OTTO PACE	VA1-2061
4556	MRS BROADUS PATE	□VA2-2542
4561	*NATL PRODUCTIONS	VA2-3314
	*TEETERBABE SALES	VA2-3314
4600	*DONALD NUSHOLTZ	VA2-6225
4607	ARTHUR VERBEKE	VA4-4629
	I B ACHENBACH	□VA1-8037
4613	RAY CARUSO	ED1-4057
4619	JOSEPHINE JOHNSON	□VA3-1599
4623	HORACE ARNOLD JR	□VA2-4026
4625	HUSTON M MAYLEY	□VA1-7637
4631	BERNARD DELEEUW	VA4-4048
4639	BETTY KIM	□VA1-2695
4645	ALBIEN MAES	VA4-8493
4646	JAMES GIORDANO	VA1-8540
4675	WILLY VANOEWEGHE	□WA1-2894
4651	MILO NEWER	VA1-0079
	JAS C NEWER	VA1-2160
4652	HARRY E MORGAN	VA4-8827
4663	*AMBASSADOR CARTAGE	VA1-4477
	*AMBASSADOR GARAGE	VA1-4477
	*AMBASSADOR TRK&CRT	VA1-4477
4677	ACHILE SERRY	VA1-6352
4680	CARL C RUMSEY	ED1-3712
4681	R A EZELL	VA1-8720
4687	LOU CORDELL	□VA1-2970
4697	LEON SMITH	VA1-8663
4711	*PETTERSON CAFETERA	EO1-9439
4714	*LIBERTY GRILL	ED1-9173

ZONE 13

5100	*SEMMLER WHOL SUP	WA1-6780
	*SEMMLER WRHSE CO	WA1-6780
	*SEMMLER INVST CO	WA1-6789
5149	*DET PERSONNEL DIV	WA1-4800
	*DET INSTR SCHL	WA1-4800
5172	*WILLIAM F BACK L&R	WA1-9460
5600	*NATL BROACH&MACH	WA1-8980
5650	*RED PELICAN FOOD	WA1-2500
	*HENRY SABBE	WA1-2500
5664	*JAY ELECTRIC CO	WA1-0400
5704	*SENECA MACH TOOL	WA1-9091
5780	*METRO TOOL&DIE CO	WA1-7788
5808	*JEFFREY MFG CO	WA1-0393
5901	*DET ICE CREAM DIV	WA1-2630
	*SEALTEST MILK	WA1-2630
6000	*ELECTION COMM STRG	WA1-3762
6097	CLARENCE BEAUCHAMP	WA4-7889
6105	BERNARD COSTELLO	WA4-3316
6111	LLOYD ANDERSON	WA3-3434
6117	CHAS F EVANS	WA5-1443
6125	BERNARD J BOWMAN	WA3-1622
6137	N F MAYER	WA2-5494

ST JOHN ST ZONE 10

Target Street	Cross Street	Source
✓	-	Polk's City Directory

SHOEMAKER ST 1954

10603 Stones Confectionery WA 3-9645
10607 Nortown Market gro WA 1-6630
10610 No return
10613 Florio Anthony shoe repr
10616 Pelino Mario WA 3-8865
10617 Harding Cleaners & Tailors clo clns WA 1-4391
10621-25 Boges Bar tavern WA 1-5678
10632 Owsley Sol J
10634 Scherrens Emil gro WA 1-9568
10638 Holshite Adam
10640 Swereski Norman R WA 1-0961
nw cor City Fire Dept Sta No 19

237D

Freach rd intersects

10755 No return
10779 Vacant

Montclair av intersects

10831 Ehms Henry Sausage Co WA 1-8825
10839 Ehms Meat Market WA 1-7777
10840 Paliarbli Pingree WA 3-2462
10844 Silvestri Market gro WA 1-0375
10847 No return
10848 Tinas Bar WA 2-8912
10849 No return
10850 Chmiel Frank
10853 Shirleys Lunch restr WA 1-5419
10858 Kargel Cleaners clo clns
10860 No return
10862 No return

LeMay av intersects

10901 Maddino Frank gro WA 1-9387
10905 Venezia Barber Shop
10907 Castanza Anthony S WA 4-1365
10909 No return
10920 Gertin Bros Garage auto repr WA 1-2616
10923 Miller Jos A chemicals WA 5-3470
10926 Blue Bar Machine Service bakery equip reprs WA 1-4768
Champion Bakery Equipment Co
10929 Hutman Dry Cleaners
10931 Hutman Geo WA 4-8483
10932 Detroit Bakery Corp WA 1-9353
10935 Robertson Nelson A uphol
10945 Springfield Service gas sta WA 1-9425

Fairview av intersects

Springfield av intersects

10950 Bettys Sweet Shop confr
10960 Cottage Bar WA 1-6728
11000 Webers Service gas sta
11031 Federal Mogul Corp bearings WA 1-0750
11044 No return

Lillibridge av intersects

11200 City Department Street Railway garage WA 1-4800
11241 Allan A T Co fuel WA 1-5005
11248 Vacant

StJean av intersects

DTRR crosses

11400 Pom McFate Co bldg contr WA 1-1073
11460 Wagner & Grewe Coal Co WA 1-2720
11490 Winkler Stoker Heating Co contr WA 2-4000
11500 National Broach & Machine Co parking lot
11511 Chrysler Corp

Conner intersects

233C

Target Street	Cross Street	Source
-	✓	Polk's City Directory

ST JEAN ST 1954

Williams Willie
4623 No return
4625 Evans Mary K VA 1-1273
4631 DeLeeuw Bernard VA 4-4048
4632 No return
4639 Phelps Donald F VA 4-6409
4645 Maes Albien @ VA 4-8493
4646 Giordano Jas VA 1-1466
4648 Glaspy Everett E VA 4-3427
4651 Newer Milo C VA 1-0079
4652 Morgan Harry E VA 4-8827
4654 Hughes Searcy C
4660 Schumann Elhz
4662 Gayda Jos
4663 No return
4666 Dumoulin Gustave @ VA 2-8309
4669 Miller Floyd H @
4674 DeMey Hector A VA 4-0380
4675 Robinson Jas
4677 Sarry Achiel @ VA 1-6332
4679 No return
4680 Rumsey Carl C @ ED 1-3712
4681 Ezell R A @ VA 1-8720
4687 Jannes John @
4697 Smith Thelma C @ VA 1-8663
4699 Lewis Earl L VA 1-8835
4707 Alicia Bar tavern VA 4-9752
4711 No return
4714 Liberty Grill @ ED 1-9173
4715 No return

E Warren av intersects

5100 Semmler Whol Sup bldg material WA 1-6780
5149 DSR personnel ofc WA 1-4800
5172 Back Wm F Lbr Co WA 1-9460

237B

Shoemaker av intersects

5300 No return
5555 No return
5575 No return
5600 National Broach & Machine Co WA 1-8980
5625 No return
5635 No return
5650 Red Pelican Food Products WA 1-2500
5655 No return
5664 Jay Electric Co WA 1-0400
5675 City Garbage Disposal
5701 City Incinerator
5704 Seneca Machine Tool Co WA 1-9091
5780 Metro Tool & Die Co WA 1-7788
5808 Jeffry Mfg Co conveyors WA 1-0393
5871 No return
5901 Detroit Creamery Co WA 1-2630

Hern av intersects

6000 City Elec Comn
6003 **Apartments**
1 Duncan Chas WA 5-2338
2 No return
3 VanSickle Elvin WA 5-3526
4 Kowalski Leonard WA 2-6840
6009 Adams Jas F WA 5-8899
6015 Parsley Margt WA 3-0071
6021 No return
6027 Delrose Jesse WA 2-2230
6033 Schneider Frank WA 1-7794
6041 Patterson Roy W WA 2-3997
6047 VanOmeyde Madeline Mrs WA 4-6169
6059 Schandevel Vesper WA 5-4327
6067 Murray Gertrude Mrs WA 1-3798
6073 Owings Edw A WA 5-9277
6079 Cottone Gaetano WA 2-2787
6081 VanCoillie Peter WA 5-0416
6091 Harry Martha Mrs WA 4-5079
6097 Bouachamp Clarence WA 4-7889
6105 Costello Bernard WA 4-3316
6111 Anderson Lloyd WA 3-3434
6117 Evans Chas F @ WA 5-1443
6125 Bowman Bernard WA 3-1622
6131 No return
6137 No return

Harper av intersects

223C

Target Street	Cross Street	Source
✓	-	Polk's City Directory

SHOEMAKER ST 1940

SHOEMAKER AV—Contd
10315 Vacant
10310 Sharich Blash ⓓ shoe repr
10318△Union Sheet Metal Works
10319-23△Corte Attilio L beer garden
10330△Shurtleff LeRoy E coal and wood
10340△Sabetti John gro and meats
10342 Sabetti John
10344 Calandro Oporio
10359 Fortunato Herman
10361 Fortunato Coltilda beer store
Garland av intersects
10400△Buzzard Weston G confr
10406 Rigazzi Angelo
10411△Garland Radio Service
10412 Marco Amedeo ⓓ
DeAndrea John rear Vitale Gene
10413 Burnsworth Jas R
Burnsworth Ray L
10418 Neumann Geo J ⓓ
10419-23△Westinhal Sheet Metal Works
10426 Ubelhor Benj L ⓓ
Ubelhor Leo G
10427 Monacelli Fiore billiards
10429 Monacelli Fiore
10434△Burton Simeon B ⓓ
10435 Vacant
10438△Peterson Peter
10441 Richardson's Confectionery
10442△Kldee Klows clo mfrs
10443-55 Vacant
10450△Soloman Bros gro and meats
StClair av intersects
10500 Gerstein Michl hdw
10504 Guz Wm dry gds
10506 **Herron Apartments**
Apartments:
1 Tiderington Alma
2 Eves Lorenzo R
3 Nowicki Edw
4 Carollo Harry
5 Wiley Arth L
6 Selter Osar L
7 Smith Frank A
8 Pratt LeRoy C
9 Corbishley Arth
10 Minard Ruby
11 Ambrous Frcdk L
12△Missinne Camille
14 Mausolf Lenore Mrs
15△Sitzman Clarence M
Street continued
10508△Doebler Carl W meats
10510 Vacant
10514 Smith C F Co (br) gros
10518-22 Fiorani Lucia Mrs beer garden
10526-40△Ciotti & Pietrangelo Service filling sta
10531△Neeb John clo clnr
10545 Chimenti Thos barber
Harding av intersects
10600 Reasoner Alva D filling sta
10603△Eddie's Confectionery
10605-07 Kroger Gro & Baking Co (br)
10610△Kaufmann Arth C genl ins
△Kaufmann W J C Co bldg contrs
10613 Florio Antonio shoe repr
10617 Vacant
10621-25△Boge's Bar beer garden
10632△Scherrens Emil C
10634-38△Scherrens Emil C gro
10640 Quait Earl
nw cor△Ladder Co No 19 DFD
Franch rd intersects
10700 Ponder Ellis F filling sta
10755△Wesner Paul gro and meats
Montclair av intersects
10801 Lucido Jack filling sta
10831-35△Ehms Henry J sausage mfr
10837-39△Walder Ervin T
10840△MacDonald Wm A
10844△Silvestri Peter gro and meats
10847△Fairview Potato Chip Co
10848△Mar-lo Beauty Shoppe
10849-53△Dembeck Frank C beer garden
10850 Beemer Basil F
10858 Smith C F Co (br) gros
10860△Stutz Pneto Service
Lemay av intersects
10901 Maddens Frank E gro
10905 Venezia Barber Shop
10907 Reuter Geo C
10920△Gertin Bros Garage auto reprs
10929 Rayner Clarence W barber
Poulos John clo clnr
10931 Champine Wm E
Pierce Wm C
10932△Detroit Italian Baking Co
10933 Welker Jos
10935△Peelvoorde Valentine Mrs confr
10945 Lucht Aug filling sta
10950△Shaenboon Jack confr
10960 George's Cafe beer garden
Springfield av begins
Fairview av intersects
11000 Weber Herman A filling sta
11031△Federal-Mogul Corp bearings
11044△Hebel Albert A bldg contr
Lillibridge av ends
11123△Ernst Fuel & Supply Co
11135-39△Rohlik Leather Products Co leather gds mfr
11143△Anchor Coupling Co Inc (br)
11147 Johnson Peter restr
11163 Daniel Cecil G Ambuehl Martin
11181△Daniel Cecil G restr
11200△Detroit City of — Dept of Street Railways
Manning Carl E confr
11241△Allan A T Co lmbr
△Fast-All Realty Co
Graham Harry A
StJean av intersects
DTRy crosses
11455 Vacant
11460△Wagner & Grewe Coal Co
11480△American Fuel & Ice Co
11500 Kirby Albert
Conner av intersects

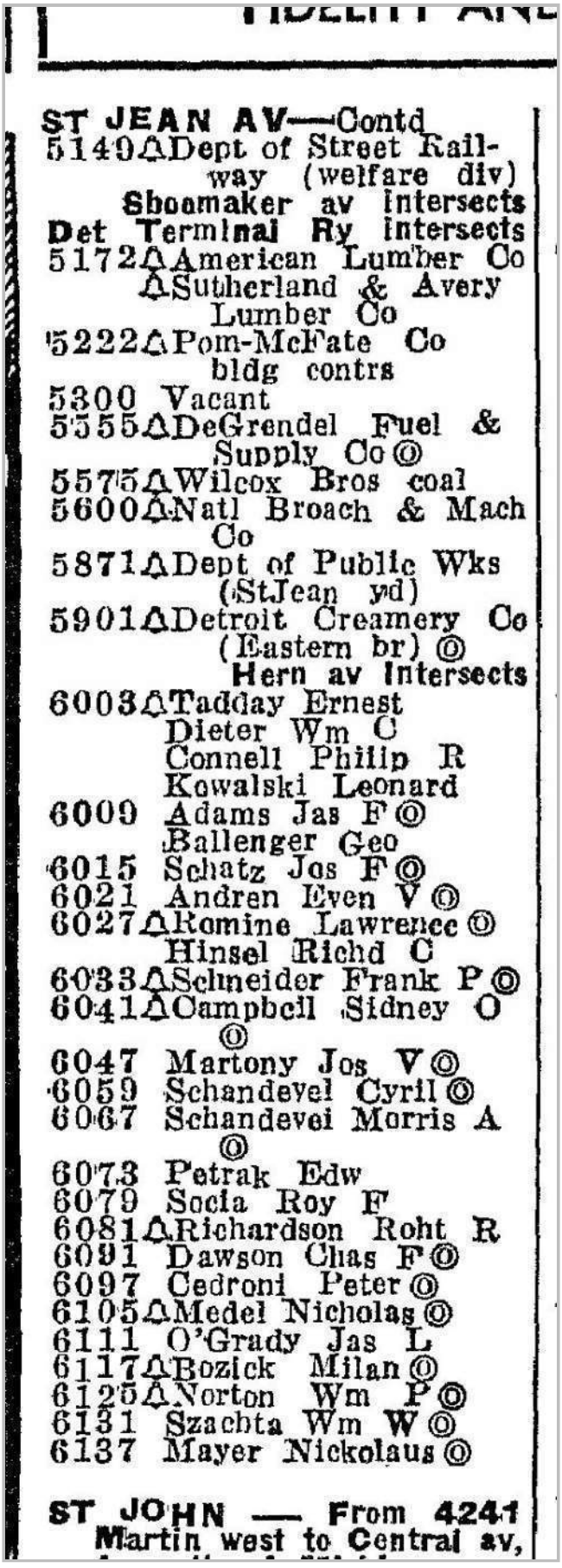
SHORT — From junction Telegraph and Curtis av northeast to Grand River

SHREWSBURY RD — From Stratford rd northwest to Piccadilly rd, 2 north of Cambridge rd
19435△Miller Wm
19439△Murphy Frank G ⓓ
19445△Erb Grace Mrs ⓓ
19450△Alpaugh Hal
19457 Vacant
19460△Brand Geo E ⓓ
19470△Turner Chas S ⓓ
19471△Gallagher Wm H
19484△Rapp Harry W ⓓ
19485△Thuner Robt L ⓓ
19494△Curtin Danl T
19495△Bricker Mead L ⓓ
19506△Vanderkloot Matthew A ⓓ
19511△Chancellor Thos E
19519△Segall Karl B ⓓ
19520△Harris Fredk E ⓓ
19550 Vacant
19540△Pratt Albert S ⓓ
19545△Dworman Irving B ⓓ
Chesterfield rd intersects
19570△Fearnley Gordon ⓓ
19580△Keywell Barney L
19583△Wise Wm F ⓓ
19594△Grierson Elmer P ⓓ
19597△McFate Maude M Mrs ⓓ
19604△Wetstein Edw L ⓓ
19609△Maynard Alex R ⓓ
19630△Kelly John T ⓓ
19635△Steinbach Henry B
19642△Orth S Jack ⓓ
19645△Morford Cassius A ⓓ
19655△Slack Lyman W ⓓ
19670△Levey Geo ⓓ
19681△Dittrich Francis C ⓓ
19690△Smith Herbert M ⓓ
19691△Fraser Roderick P ⓓ
19700△Pastorius J Steph ⓓ
19703△Robertson Chas R ⓓ
19714△Silvarman Israel Z ⓓ
19715△Coll Bernard F ⓓ
19722△O'Neil Wm J ⓓ
19733△Giles Wm B ⓓ
Pembroke rd intersects
19900△Moultane Louis E ⓓ
19911△Mahler Edw C ⓓ
19915△Kunz Hazen E ⓓ
19920△Gordon Jack A ⓓ
19925△Hulbert Wade O ⓓ
19933△Skusa Fred W
19934△Farwell Geo F ⓓ
19940△White Ward W ⓓ
19960△Gibson G Lincoln jr ⓓ
19961△Stewart Jas R ⓓ
19971△Fernwood Rolland H ⓓ
19972 Knorr Chas
19980△Nolan Nicholas J ⓓ
19981△Guest Edgar A jr ⓓ
19987△Nicklin J Wilson ⓓ
19991△Brett Anna E Mrs ⓓ
20000△Swift Earl B ⓓ
20001△Kirk Donald J ⓓ
20010△Walsh Harry R ⓓ
20015△Chalmers Raymond W ⓓ
20026△Howlett Howard T ⓓ
20031△Rose Nathan C
20034△Faulkner F Edw ⓓ
20040△MacMullen Frank B ⓓ
20047△Colombo Louis J jr ⓓ
Chippewa av intersects
20057△Woolson G Thurber ⓓ
20065△Manchester Willis B ⓓ
20080△Shaw Robt A ⓓ
20095△Lewis Herman L ⓓ
20101△Stewart Thos D ⓓ
20111△Castleman Eli B ⓓ

SIBLEY — From 2537 Woodward av west to Cass av
7 Modern Book Shop
11 **Hofmann Bldg** (side ent)
15-17△Verdi Cafe
21-23△Webster Clnrs
26 Vacant
29△Interstate Supply Co bar supp
31 New Chemical Co
36△Sibley Strictly Hand Laundry
37 Lim Charlie
40 **Bewood Apts**
Apartments:
1△Fyie Claude
Brinkman Bonnie caretkr
10 Hinkel Harry J
12 Hertz Eleanor
14 Mele Frank

Target Street	Cross Street	Source
-	✓	Polk's City Directory

ST JEAN ST 1940

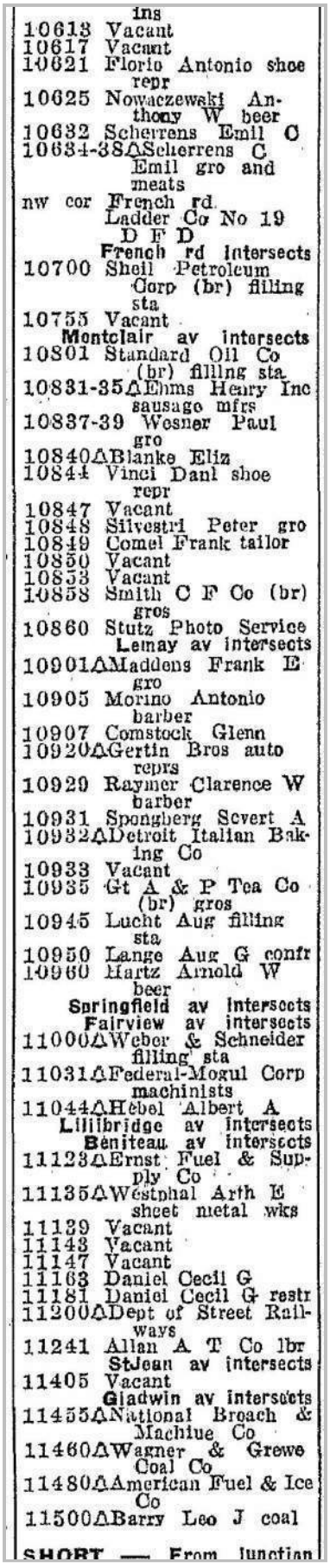


ST JEAN AV—Contd
5149 Δ Dept of Street Railway (welfare div)
Shoemaker av intersects
Det Terminal Ry intersects
5172 Δ American Lumber Co
Δ Sutherland & Avery Lumber Co
5222 Δ Pom-McFate Co bldg contrs
5300 Vacant
5555 Δ DeGrendel Fuel & Supply Co ◎
5575 Δ Wilcox Bros coal
5600 Δ Natl Broach & Mach Co
5871 Δ Dept of Public Wks (StJean yd)
5901 Δ Detroit Creamery Co (Eastern br) ◎
Hern av intersects
6003 Δ Tadday Ernest
Dieter Wm C
Connell Philip R
Kowalski Leonard
6009 Adams Jas F ◎
Ballenger Geo
6015 Schatz Jos F ◎
6021 Andren Even V ◎
6027 Δ Romine Lawrence ◎
Hinsel Richd C
6033 Δ Schneider Frank P ◎
6041 Δ Campbell Sidney O ◎
6047 Martony Jos V ◎
6059 Schandevel Cyril ◎
6067 Schandevel Morris A ◎
6073 Petrak Edw
6079 Socia Roy F
6081 Δ Richardson Roht R
6091 Dawson Chas F ◎
6097 Cedroni Peter ◎
6105 Δ Medel Nicholas ◎
6111 O'Grady Jas L
6117 Δ Bozick Milan ◎
6125 Δ Norton Wm P ◎
6131 Szachta Wm W ◎
6137 Mayer Nickolaus ◎

ST JOHN — From 4241 Martin west to Central av,

Target Street	Cross Street	Source
✓	-	Polk's City Directory

SHOEMAKER ST 1935

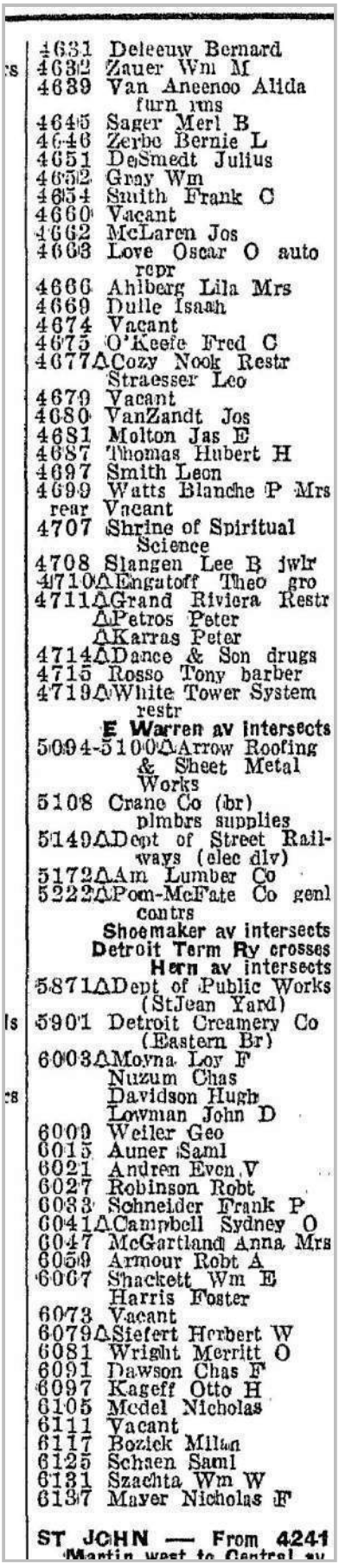


ins
10613 Vacant
10617 Vacant
10621 Florio Antonio shoe repr
10625 Nowaczewski Anthony W beer
10632 Scherrens Emil C
10634-38 Scherrens C Emil gro and meats
nw cor French rd
Ladder Co No 19 D F D
French rd intersects
10700 Sheil Petroleum Corp (br) filling sta
10755 Vacant
Montclair av intersects
10801 Standard Oil Co (br) filling sta
10831-35 Ehms Henry Inc sausage mfrs
10837-39 Wesner Paul gro
10840 Blanke Eliz
10844 Vinci Danl shoe repr
10847 Vacant
10848 Silvestri Peter gro
10849 Comel Frank tailor
10850 Vacant
10853 Vacant
10858 Smith C F Co (br) gros
10860 Stutz Photo Service
Lemay av intersects
10901 Maddens Frank E gro
10905 Morino Antonio barber
10907 Comstock Glenn
10920 Gertin Bros auto reprs
10929 Raymer Clarence W barber
10931 Spongberg Severt A
10932 Detroit Italian Baking Co
10933 Vacant
10935 Gt A & P Tea Co (br) gros
10945 Lucht Aug filling sta
10950 Lange Aug G confr
10960 Hartz Arnold W beer
Springfield av intersects
Fairview av intersects
11000 Weber & Schneider filling sta
11031 Federal-Mogul Corp machinists
11044 Hebel Albert A
Lillibridge av intersects
Beniteau av intersects
11123 Ernst Fuel & Supply Co
11135 Westphal Arth E sheet metal wks
11139 Vacant
11143 Vacant
11147 Vacant
11163 Daniel Cecil G
11181 Daniel Cecil G restr
11200 Dept of Street Railways
11241 Allan A T Co lbr
StJean av intersects
11405 Vacant
Gladwin av intersects
11455 National Broach & Machine Co
11460 Wagner & Grewe Coal Co
11480 American Fuel & Ice Co
11500 Barry Leo J coal

SHORT — From Junction

Target Street	Cross Street	Source
-	✓	Polk's City Directory

ST JEAN ST 1935



4631 Deleeuw Bernard
4632 Zauer Wm M
4639 Van Aneenoo Alida furn rms
4645 Sager Merl B
4646 Zerbe Bernie L
4651 DeSmedt Julius
4652 Gray Wm
4654 Smith Frank C
4660 Vacant
4662 McLaren Jos
4663 Love Oscar O auto repr
4666 Ahlberg Lila Mrs
4669 Dulle Isaah
4674 Vacant
4675 O'Keefe Fred C
4677 ΔCozy Nook Restr
Straesser Leo
4679 Vacant
4680 VanZandt Jos
4681 Molton Jas E
4687 Thomas Hubert H
4697 Smith Leon
4699 Watts Blanche P Mrs
rear Vacant
4707 Shrine of Spiritual Science
4708 Slangen Lee B jwlr
4710 ΔEngatoff Theo gro
4711 ΔGrand Riviera Restr
ΔPetros Peter
ΔKarras Peter
4714 ΔDance & Son drugs
4715 Rosso Tony barber
4719 ΔWhite Tower System restr
E Warren av intersects
5094-5100 ΔArrow Roofing & Sheet Metal Works
5108 Crane Co (br) plmbrs supplies
5149 ΔDept of Street Railways (elec dlv)
5172 ΔAm Lumber Co
5222 ΔPom-McFate Co genl contrs
Shoemaker av intersects
Detroit Term Ry crosses
Hern av intersects
5871 ΔDept of Public Works (StJean Yard)
5901 Detroit Creamery Co (Eastern Br)
6003 ΔMoyna Loy F
Nuzum Chas
Davidson Hugh
Lowman John D
6009 Weiler Geo
6015 Auner Saml
6021 Andren Even V
6027 Robinson Robt
6033 Schneider Frank P
6041 ΔCampbell Sydney O
6047 McGartland Anna Mrs
6059 Armour Robt A
6067 Shackett Wm E
Harris Foster
6073 Vacant
6079 ΔSiefert Herbert W
6081 Wright Merritt O
6091 Dawson Chas F
6097 Kageff Otto H
6105 Medel Nicholas
6111 Vacant
6117 Bozick Milan
6125 Schaen Saml
6131 Szachta Wm W
6137 Mayer Nicholas F

ST JOHN — From 4241 Martin west to Central av

Target Street	Cross Street	Source
✓	-	Polk's City Directory

SHOEMAKER ST 1931

SHOEMAKER AV—Contd
10155 Gt A & P Tea Co (br)
10157 Vacant
10161 Buelow Raymond P drugs
Heidt Emma Mrs
Hurlbut av intersects
10200 White Star Refg Co gas sn
10201 Rossi Julius gro
10203 Murray H Archie barber
10205 Murray H Arch clnr
10207 Roma Art Printing Co
L'Avventire (weekly)
10209 Mullin & Foley ventilator mfrs
10211 Vacant
10213 Met Sugar Co
10219-41 Jay Elec Co
10245 Laban Anthony barber
10253 Crean Jos gas sta
Bewick av intersects
10301 Fuery Lawrence W auto repr
10305 Vacant
10307 Vacant
10311 Vacant
10315 Vacant
10316 Sharich Blash shoe repr
10318 Union Sheet Metal Works
10319 Vacant
10323 Vacant
10327 Vacant
10340 Kroger Gro & Bkg Co (br)
10342 Podrin Jos
10344 Vacant
10359 Bolle Ernest O
10361 Bolle Ernest O wall paper
Garland av intersects
10400 Potts Harold W confr
10406 Ben Carl
10411 Vinci Jos shoe repr
10412 Urban Theo rear Pinder Wm J
10413 Vinci Jos
10418 Adragno Jos
10419-23 Wagner Bros batteries
10426 Conners Ella Mrs
Lebine Emery
10427 Monacelli Fiore soft drinks
10429 Monacelli Fiore
10434 Vacant
10435-41 Vacant
10438 Arena Henry gro
Salvo Camilo
10440-42 Leibovitz Manadell genl mdse
10441 Vacant
10443 Vacant
10447 Vacant
10449 Vacant
10451-53 Gerstein Michl hdw
10454 Elias Michl gro
10455 Dorl Walter P confr
StClair av intersects
10500 Mason's Pharmacy
10504 Guz Wm dry gds
10505 Herron Apts
Apartments:
1 Edwards Albert
2 Bedford Glenn
3 Vacant
4 Vacant
5 Lancaster Ray
6 Key Walter
7 Vacant
8 Vacant
9 Pollock Eug O
10 Vacant
11 Vacant
12 Juett Grace Mrs
14 Sheets Leo
15 MacDonald Wm A
Street continued
10508 Maloney John P meats
10510 Benns Abr barber
10514 Smith C F Co (br) gros
10518 Leibnitz Wm (br) baker
10522 Vacant
10526 Detroit City Service Co (br) ice
10581 Neeb Jacob A elo clnr
10545 Trudell Bros gros
Harding av intersects
10601 Shields Frances Mrs confr
10605-07 Kroger Gro & Bkg Co (br)
10610 Gilinske Raymond J gas sta
Kaufmann Walter J C contr
Kaufmann Arth C ins
10613 Plaskove Harry M shoes
10617 Kane Paul P dry gds
10621 Vacant
10625 Dienst Arth H hdw
10632 Santorum Victor
10634 Sanorum Victor gro
10638 Florio Antonio shoe repr
Saro John F
nw cor Ladder Co No 19 DFD
French rd intersects
10700 Shell Petroleum Corp gas sta
10755 Guardian Detroit Bank (br)
Manistique av intersects
10817 Standard Oil Co (br) filling sta
10831-35 Ebms Henry Inc sausage mfr
10840 Blanke Edw J
10844 Vinci Dani shoe repr
rear Solicitor Co stampings
10847 Kroger Gro & Bkg Co (br)
10848 Palombo & Silvestri gros
10849 Smith C F Co (br) gros
10850 Schuster Cath Mrs
10853 Dowdle Drug Store
10854 Schuster Geo
10860 Stutz Photo Service
Lemay av intersects
10901 Maddens Frank E gro
10905 Spina Saml barber
10907 Gisone Jos
10920 Burger Creamery Co (garage)
10929 Deller Josephine dry gds beauty shop
10931 Fitzgerald John
10932 Detroit Italian Baking Co
10933 Steffano Ralph
10935 Gt A & P Tea Co (br)
10945 Vacant
10950 Rabaut John P real est
10956 Ankner Jos D barber
10960 Kemp Jos I confr
Springfield av intersects
Fairview av intersects
11000 Shoemaker Service Station gas sta
11031 Federal-Mogul Corp founders
11044 Hebal Louisa Mrs
Lillibridge av intersects
Boniteau av intersects
11123 Ernst Otto R real es
Ernst Fuel & Supply Co
Ernst Bros Co bldrs
11131 Ernst Fuel & Supply Co (show room)
11135 Scherlie Sheet Metal Works
11139 Raymer General T barber
11143 Peckos Evans restr
StJean av intersects
11163 Daniel Geo
11151 Daniel Geo restr
11200 Dept of Street Rys City of Detroit
11241 Allan A T Co lbr
Gladwin av intersects
Belt Line R R intersects
11405 City Glass Co
11440 Coulter & Mould Trim Co
11450-56 Baltinger Wm F Cut Stone Co
11455 Natl Broach & Mach Co gears
11460 Wagner & Grewe Coal Co
11480 Am Coal & Ice Co
11500 Barry Leo J coal
Conners Creek rd intersects

SHORT — From junction Telegraph and Curtis avs northeast to Grand River av
(No houses)

SHREWSBURY RD — From Stratford rd northwest to Piccadilly rd, 2 north of Cambridge rd
19435 Vacant
19445 Daly Herbert A
19450 Vacant
19457 Dreystadt Nicholas
19460 Schlee Dewey S
19470 Ohrns Ada E Mrs
19471 Huebner Geo J
19484 Rapp Harry W
19485 Hart T Malcolm Dr
19494 Williams Jerome J
19495 Bricker Mead L
19506 VanderKloot Matthew A
19511 Vaniman R Lawrence
19519 Walker Lewis K
19520 Harris Fredk E
19530 Sloan Jas F
19540 Limb Walter
19545 Wiesler Norbert H
Chesterfield rd intersects
19570 Fearnley Gordon
19580 Campbell Colin L
19583 McAleer Chas H
19594 Dow Chas F
19597 McFate Robt
19604 Weitstein Edw L
19609 Maynard Alex R
19635 Owen John E
19643 Morford Cassius A
19655 Behnke Edw E
19670 Ebeling J Frank
19681 Herbst Chas W
19690 Lundahl Alma Mrs
19703 Robertson Chas R
19715 Coll Bernard F
19733 Keating Howard T
Pembroke av intersects
19911 Leet Elmer M contr
19949 White Ward W
19960 Gibson Geo L jr
Chippewa av intersects
Piccadilly rd intersects

SIBLEY — From 2537 Woodward av west to Cass av
7 Palace Model Laundry (br)
11 Vacant
15-17 Vacant
21-23 Webster Cleaners & Dyers Inc
26-32 Sibley Hotel
Miller Arth W
White Danl dancing tchr
27 Lengel Nicholas barber
29 Vacant
33 Vacant
34 Vacant
36 Sibley Strictly Hand Laundry
37 McDonald Fred

Target Street	Cross Street	Source
-	✓	Polk's City Directory

ST JEAN ST 1931

4607 Verbeke Arth
rear Callawart Geo R
4613 Rosscel Louis
4619 Healey Wm
4621 Michelet Peter
4625 Coudenys Henri
4631 DeLeeuw Bernard
4632 Zauer Wm M
s 4639 Kenney Roland F
4645 Sager Merl B
4646 Zerbie Bernie L exp
4651 DeSmedt Jules
4652 Vacant
4654 Vacant
4657-63 Schneider Jos W
garage
4660 Proper Glenn D
4662 Vacant
4663 rear DeMaeght Julius
4666 Dumoulin Paul J
4669 Ceter John
4674 Spector Saml Indy
4675 Knockaert Paul
l 4677 Dulle Deres
4679 Diliberti Thos
4680 Hebert Edw
4681 Daly Jos P
Det Burglar Alarm
Co
4687 Thomas Hubert H
4697 Smith Leo J
rear Vos Jos
4699 Watts Blanche P Mrs
4707 Vacant
4708 Queen Bee Lunch
4710 Rubenstein Jacob B
mens furngs
4711 Grand Riviera Restr
Petropaulos Peter
4714 Melor Chas V drugs
4715 Olevsky Nathan barber
Warren av Intersects
ws D S R car barns
5094-5100 Arrow Roofing
& Sheet Metal Wks
5120 Crane Co whse
5172 Am Lumber & Coal Co
5222 Pom-McFate Co
contrs
Shoemaker av Intersects
—— Dept of Water Supply
(Eastern Yd)
Unopened to Hearn
6003 Anderson Geo
Clements Roy
Morris Conrad R
6009 Weiler Geo
6015 Auner Saml
6021 Andren Eben V
6027 Ross Jackson R
6033 Schneider Frank P
6041 Campbell Sidney O
s 6047 Hardy John W
6059 Armour Robt A
trucking
6067 Saph Arth L
6073 McDonald Kenneth
6079 Siefert Herbert W
:s 6081 Wright Merritt O
6091 Dawson Chas F
6097 Whitworth Wm
6105 Medel Nicholas
6111 Beck Chas A
6117 Bozick Michl
6125 Zink Geo
6131 Szachta Wm W
e 6137 Mayer Nicholas F

ST JOHN — From 4241
Martin west to Central av.
1 south of Michigan av
6810 Kosieracki Frank

Target Street	Cross Street	Source
✓	-	Polk's City Directory

SHOEMAKER ST 1926

SHOEMAKER AV

10605 George Anthony gro
10609 Bichler Jos meats
10613 Ganslembrouch Aug shoes
10617 Merchant Jerry H dry gds
10621 Kroger Gro & Bkg Co
10625 Pratt & Merrell hdw
10632 Santorum Victor
10634 Santorum Victor gro
10638 Florio Anthony shoe repr
Pascal Angelo
nw cor Ladder House F D No 19

Kerwin av

10755 First State Bank (br)

Montclair av

10817 Standard Oil Co
10831-55 Ehms Henry J sausage mfr
10840 Blanke Edw
10844 Winn Geo T & Son real est
10846 Schram & Hein sheet metal wks
Hein Albert pntr
10850 Bianchini Donald
10852 Palombo & Sylvester gros
10854 Grasel Matthias
Jackson Thos
10858 Frei Otto plmbr
10860 Stutz Alf L

Lemay av

10901 Maddens Cyril gro
10905 Kargula Jos E barber
10907 Mimerick Ludwig
10929 Vacant
10931 Russell Jos
10932 Vacant
10933 Taylor Henry C
10935 Great A & P Tea Co
10945 Indian Refining Co (br)
10956 Holden Della Mrs restr
10960 Rosso Rocco confr

Springfield av
Fairview av

11031 Federal-Mogul Corp
11044 Hebel Louisa Mrs

Lillibridge av
Beniteau av

11123 Ernst Otto R real est
Ernst Realty Co
Ernst Fuel & Supply Co
11135 Brancik Jos tailor
11139 Karner Michl C barber
11143-47 Theodore & Bernes restr
s s Dept of Street Rys

St Jean av

11163 Dehnke Anna Mrs
Daniel Geo
11181 Daniel Geo restr
11200 Dept of Street Rys City of Detroit
11241 Allan A T Co lumber
Allan Bros lumber

Gladwin av
Belt Line R R

11450-56 Baltinger Wm F stone contr

Conners Creek rd

SHREWSBURY RD—From Stratford rd northwest to

Target Street	Cross Street	Source
-	✓	Polk's City Directory

ST JEAN ST 1926

Kron Louis
4535 Brown Stanley P
Saelens Chas contr
4540 Bremau Jos A
4543 St Jean Service Sta
4546 Hamilton Harold W
4552 Bethwell Wm
4553 Townsend C Herbert
4555 Rolee Adelbert
Rolce Marvin
4556 Sheppard Gerald
4607 Verbeke Arth
4613 Garchow John W
4619 Gunning Chas J
4631 DeLeeuv Bernard
4632 Zauer Wm
4645 Jones Carl
4656 Zerba Bernie L
4651 Vanhaker Julius
VanWegenberghe Raymond
4652 Husk John H
4654 DuLeng Jos
DuLong Henry
4657 Watkins Earl C
4660 Flynn John
4662 Williams Danl G
4663 Devos Rene
4666 Beyer John
4669 Vandenberghe Peter
4674 DeSmidt Julius
4675 Dulla Erer
4679 Dilibrti Thos
4680 Richards Arth J
4681 Reynolds Jas
4687 Thomas Hubert H
4697 Smath Leo
4699 Watts Benton H
4707 Ross Wm H gro
Lewis Wm J
Lewis Edw
4711 Campbell Walter
Meyers Rudolph

Warren av

5056 Schumaker Alvin E
Schumaker A L Cement Block Co
5172 American Lmbr & Coal Co
5222 Southwick-Pom-McFate Co contrs

Shoemaker av

Unopened to Linville

6009 Weiler Geo
6015 Auner Saml
6021 Andren Eben
6027 Ross Jackson B
6033 Schneider Frank P
6041 Shaw Seward
6047 Sampier McKinley
6059 Armour Robt
6067 Saph Arth
6073 McDonald Kenneth
6079 Bailey Frank L electn
6081 Wright Merritt
6091 Dawson Chas F
6097 Cook Earl
6105 Medel Nicholas
6111 Beck Chas A
6117 Bozick Michl
6125 Joyner Oscar H tinner
6131 Szachta Wm
6137 Mayer Nicholas

ST JOHN—From 4241 Mar-

Target Street	Cross Street	Source
✓	-	Polk's City Directory

SHOEMAKER ST 1921

10840—886 Blanke Mary Mrs
10848—402 Frel Jno plmbrs supplies
Lemay av
10901—405 Numerich Ludwig gro
Maron Wendelin, mts
10938—438 Hebel Herman T
Fairview av
11044—482 Hebel Louisa Mrs
11065—505 Hopson Sarah Mrs
Lillibridge av
Candler Radiator Co
Beniteau av
11095—515 Baumgartner Arth A
11132—550 Seifferle'n Edw
St Jean av
11153— Allan Bros coal
Gladwin av
Belt Line R R
cor Baitinger W F, stone
Conners Creek rd
11481— Tucker Wm L
Hampler Alfonse
Gazan Geo

SHREWSBURY RD, from Stratford rd northwest to Pleadilly rd 2 north of Cambridge rd

Target Street	Cross Street	Source
-	✓	Polk's City Directory

ST JEAN ST 1921

4651—1083 Vansaheer Jos
4652—1098 Schlesinger Danl G
4654—1098½ Beetley Fredk C
4657—1085 Watkins Earl C
4660—1100 Harkness Geo
4662—1102 Barker Jno R
4663—1087 Sellers Wm S
4669—1089 Von Waeyenberghe Raymond
4674—1090 DeBruyne Ernest
4680—1092 Dene Emerick
4697—1095 Smith Leon
4699—1095½ Watts Benton H
4707—1097 Miranda Edw gro
Carlier Frank
4711—1099 Madulla Jos
Bentley Wilburn
Warren av
5023—1103 Laridon Jno
5031—1105 Rase Jno M
5047—1109 Braeckvelt Hector
5055—1111 Ost Henry
Vandekerckhove Henry
Brackvelt Olidore
Mauws Emma Mrs
5172—1220 American Lumber & Coal Co
5222—1244 Southwick Pom Co contrs
6009—1465 Weiler Geo
6015—1467 Auner Saml
6021—1469 Andrew Wm
6027—1471 Ross Jackson B
6033—1473 Schermerhorn Paul
6041—1475 Schible Paul P
6047—1477 Hoffer Geo W
6059—1481 Wood Saml N
6067—1483 Saph Arth
6073—1483 Humble Jno S
6079—1489 Bailey Frank L
6091—1495 Dawson Chas F
Snowball Jno R
6097—1499 Lattimer Andrew W
6105—1503 Medel Nicholas
Pfaff Philip
6111—1505 Beck Arth
6117—1509 Adair Danl
6125—1513 Joyner Oscar H
6131—1515 Sciakia Wm
6137—1519 McLain M A plmbr

ST JOHN, from 4241 Martin west to Central av first south of

Target Street	Cross Street	Source
✓	-	Polk's City Directory

SHOEMAKER ST 1916

SHOEMAKER AV, southeast from McClellan av to Connor's Creek rd, 1 south of Gratiot av

11 Carrutbers Howard
17 Malin Valentine
21 Hoffman W F
22 Schonn Christian
24 Leucks Gustave
26 Moss W H
26½ Pfeifer Harry
27 Schmidt J E
28 Hoeldtke Martin
30 Duncan R W
63 Blazer John
65 Dy Beau J F

Pennsylvania av intersects
Cadillac av intersects

136 Dihle John
MacFarland W J
Weiler G W
138 Tucker Wm
Graziosi John

Hurlbut av intersects

246 Gudenau H J
248 Eckhout Charles
Veroughstraete Aug, r
250 Johnson Henry
Knopf Charles
252 Connors Isidor W
258 Mills F S
266 Stragier Alidor, gro
DeDine Charles
268 Miller A N
270 Ottevaere Alfons

St Clair av ends
Hamilton av intersects

324 Brege W A, carp

Kerwin av intersects

s s Faltinowski Walter

Montclair av interseets

n s Goetz George
s s Blanke Mary Mrs
s s Hebel H T
s w cor Hebel Louise Mrs

Lillibridge av intersects

n s Hopson Sarah Mrs
n s Croul A T
n s Schlutter Lena Mrs
s e cor Beaker L N Co, lbr
s w cor Sefferlein E G

St Jean av intersects
Belt Line R R intersects
Connors Creek rd inter

SIBLEY, from 415 Woodward av west to Cass av;

Target Street	Cross Street	Source
-	✓	Polk's City Directory

ST JEAN ST 1916

St Jean av. (1916) R. L. P

632 Wheeler F C
Derth Herman
634 Christiansen H M
Johnson Thomas
639 Schroeder John
640 Buckler L L
641 Manning P J
641½ Manning F E
643 Leverenz Wm M
644 Johnston Albert
645 Millmun Floyd
646 Newman A F
Brown George
647 Flemington H D
649 McMahon J J
650 Larabell John
651 Shea James
651½ Hart Elza
652 Foster John
653 Vannest Lloyd
655 Hart A R
657 Eldrington Wm E
658 Mobley Emma Mrs
659 Galasso John
660 Stano John
661 Curatolo Joseph
662 Judson Anna Mrs
663 Rizzo Joseph
664 Soulier Joseph
Soulier Ernest
667 Gatecliff C W
668 Downey Charles
670 Keating Jeffrey
Capello Albert
673 Woodward G B
674 Babesco Mojsa
680 Soldatek Joseph
Goethe av (1085) intersects
689 Schubert Fredk, contr
691 Granstra Edward
692 Law J H
693 Lewis T D
Lewis M E
Alton R J
693½ Davis E E
694 McGrath James
695 Schultz F E
696 Anderson Arvid
697 Moran Michael
698 Gifford Cormier
699 Johnson C G
700 Perry M N
702 Triebert Mary Mrs
Triebert Frank, exp
714 Johnson Earl
716 Monton Victor
Smith W R
718 Blinstrub Vitald
729 Bashaw Wm
731 Agnew C W
742 Debusschere August
754 Debusschere C, contr
Hutt Thomas, contr
756 Yodts Remi
757 Boegelein George
758 Stillandt Emma Mrs
761 Westdorp Wm
762 Spears C C
764 Spears M W
Hewitt Chester
Franklin Walter
766 Urban Charles
Baker August
767 Fisher J E
768 Hansen Theodore
778 Steinhauer Adam
778½ Whe an Wm
780 Tate E F
780½ Hult Malon
782 Miesch Albert
794 Schleicher Louis, meats
Mack av (1926) intersects
819 DeClercq Omar
821 Sitlington B E
823 Bekaert Gustave
825 Beethuy Tressie Mrs
Wilson L S
827 Elsholz Charles
835 Richards W A
838 McCarthy Joseph
839 Richards M A Mrs
841 VanDekerckhove Remi, contr
843 Hinz Oswald
845 Grant George
855 Baumgart Albert
857 VerMeersch Emil & Son, contrs
VerMeersch Emil
867 Fante W J
871 Smith H D
Thompson Charles
Miller W J
879 Baetens U A
880 Laffrey Edward
883 Witulski J A
885 Schnotz Frederick
893 Kullman Frederick
898 Soulliere Frederick
Schaller Wm
899 Goodson Wm
900 Evans Thomas
Sylvester av intersects
902 Degonjhi Julius
917 Freppel Eugene
917½ Devos Octave
920 Fellman Christopher
929 Abbott Richard
e s Vacant
926 Pruss Wm
930 Vacant
932 Sawallisch Frank
936 Wolff Alexander
938 Brooks M C
940 Linsman Samuel
944 Baenziger Arnold
948 Goldie K S
Goldie P C, realty
Canfield av ends
970 Zick Henry
976 Rosseel Romi
988 Francis R W
992 Petzke Herman
996 Stahl Henry
998 Strand Charles
1002 Spencer A J
1004 Listerman E W
1006 Gibson G E
1010 Demeyre Henry
1012 Wardrop C W
1013 Ramsey Peter
1014 Sharpless J W
1015 Denolf Gustave
1017 Izole Romeo
1019 Sheeton John
1021 Waugh James
1022 Krepo R E
1023 Leach Robert
1024 Sawyer J W
1025 Donnelly A A
1027 Jansen Burt
1030 Ciangolo Joseph
1031 Erb George
Reid A J
1032 Simmons S E
1036 Burke Arthur
1038 Tysar L F
1039 Bretz Herbert
1040 Vacant
1041 Koepke Gustav
1042 Adelhouser Fredk
1071 Garchow J W
1073 Gunning Charles
1076 Zauer Wm
1077 Pero Leon
1080 Hennecke Frank, contr
1080½ Silvis Wm
1081 Sager Merl
1083 Verbeerst Julius
1085 Horton Frank
1087 Sherman H C
1090 DeBruyne Ernest
1095 Sherman Arthur
1097 Tappenden George
1099 Sherman Frank, contr
McDonald J H, r
1099½ Cole Charles
Warren av ends
1103 Paelman Julius
1105 Heilner Henry
w s Vacant
1111 Mauws Edward
Ramont Charles

ST JOHN, from Central av east to Parkinson av, first south of Michigan av
13 VanSyckle Robert
Clark Leroy
24 Worchick Joseph
26 Kruszinski John
28 Vacant
29 Gorman Joseph
31 Shetler F C
35 Nubert Frank
36 Javinou Frank
41 Adamski Wm
Smolarkiewicz Adam
43 Gunther August
Kulczyk Nicholas
62 Gawort John
64 Vacant
71 Mitchie Claude
79 Gilski Joseph
119 Sinar Martin
123 Sinar Walter
127 Koslett Wm
130 Przetacznik Jos, gro
131 Manick Frank
135 Butchin Walter
137 Tatar Ignace
138 Vacant
140 Tablan John
Michalik Leon
158 Bethrum John

APPENDIX I

Detroit Demo Phase I ESA ENV 05.15.2023A1

11031 Shoemaker

Detroit, MI 48213

Inquiry Number: 7338110.4

May 16, 2023

EDR Historical Topo Map Report

with QuadMatch™

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

EDR Historical Topo Map Report

05/16/23

Site Name:

Detroit Demo Phase I ESA EN\
11031 Shoemaker
Detroit, MI 48213
EDR Inquiry # 7338110.4

Client Name:

DLZ Michigan Inc.
1425 Keystone Avenue
Lansing, MI 48911
Contact: Madeline Stack

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by DLZ Michigan Inc. were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# NA
Project: ENV 05.15.2023A1

Coordinates:

Latitude:	42.391083 42° 23' 28" North
Longitude:	-82.988688 -82° 59' 19" West
UTM Zone:	Zone 17 North
UTM X Meters:	336310.85
UTM Y Meters:	4695114.81
Elevation:	602.53' above sea level

Maps Provided:

2019	1936
2017	1934
2014	1924
1980, 1983	1918
1973	1905
1968	
1952	
1938, 1940	

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Topo Sheet Key

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

2019 Source Sheets

Grosse Pointe
2019
7.5-minute, 24000

Highland Park
2019
7.5-minute, 24000

Belle Isle
2019
7.5-minute, 24000

Detroit
2019
7.5-minute, 24000

2017 Source Sheets

Grosse Pointe
2017
7.5-minute, 24000

Highland Park
2017
7.5-minute, 24000

Belle Isle
2017
7.5-minute, 24000

Detroit
2017
7.5-minute, 24000

2014 Source Sheets

Grosse Pointe
2014
7.5-minute, 24000

Highland Park
2014
7.5-minute, 24000

Belle Isle
2014
7.5-minute, 24000

Detroit
2014
7.5-minute, 24000

1980, 1983 Source Sheets

Detroit
1980
7.5-minute, 24000
Aerial Photo Revised 1978

Belle Isle
1980
7.5-minute, 24000
Aerial Photo Revised 1978

Highland Park
1983
7.5-minute, 24000
Aerial Photo Revised 1982

Grosse Pointe
1983
7.5-minute, 24000
Aerial Photo Revised 1982

Topo Sheet Key

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

1973 Source Sheets

Highland Park
1973
7.5-minute, 24000
Aerial Photo Revised 1973

Detroit
1973
7.5-minute, 24000
Aerial Photo Revised 1973

Belle Isle
1973
7.5-minute, 24000
Aerial Photo Revised 1973

Grosse Pointe
1973
7.5-minute, 24000
Aerial Photo Revised 1973

1968 Source Sheets

Belle Isle
1968
7.5-minute, 24000
Aerial Photo Revised 1967

Grosse Pointe
1968
7.5-minute, 24000
Aerial Photo Revised 1967

Highland Park
1968
7.5-minute, 24000
Aerial Photo Revised 1967

Detroit
1968
7.5-minute, 24000
Aerial Photo Revised 1967

1952 Source Sheets

Detroit
1952
7.5-minute, 24000

Belle Isle
1952
7.5-minute, 24000

Highland Park
1952
7.5-minute, 24000

Grosse Pointe
1952
7.5-minute, 24000

1938, 1940 Source Sheets

Belle Isle
1938
7.5-minute, 24000

Highland Park
1940
7.5-minute, 24000

Detroit
1940
7.5-minute, 24000

Grosse Pointe
1940
7.5-minute, 24000

Topo Sheet Key

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

1936 Source Sheets

Grosse Pointe
1936
7.5-minute, 31680

DETROIT
1936
7.5-minute, 31680

1934 Source Sheets

Detroit
1934
15-minute, 62500

1924 Source Sheets

Detroit
1924
15-minute, 62500

1918 Source Sheets

Grosse Pointe
1918
15-minute, 62500

DETROIT
1918
15-minute, 62500

Topo Sheet Key

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

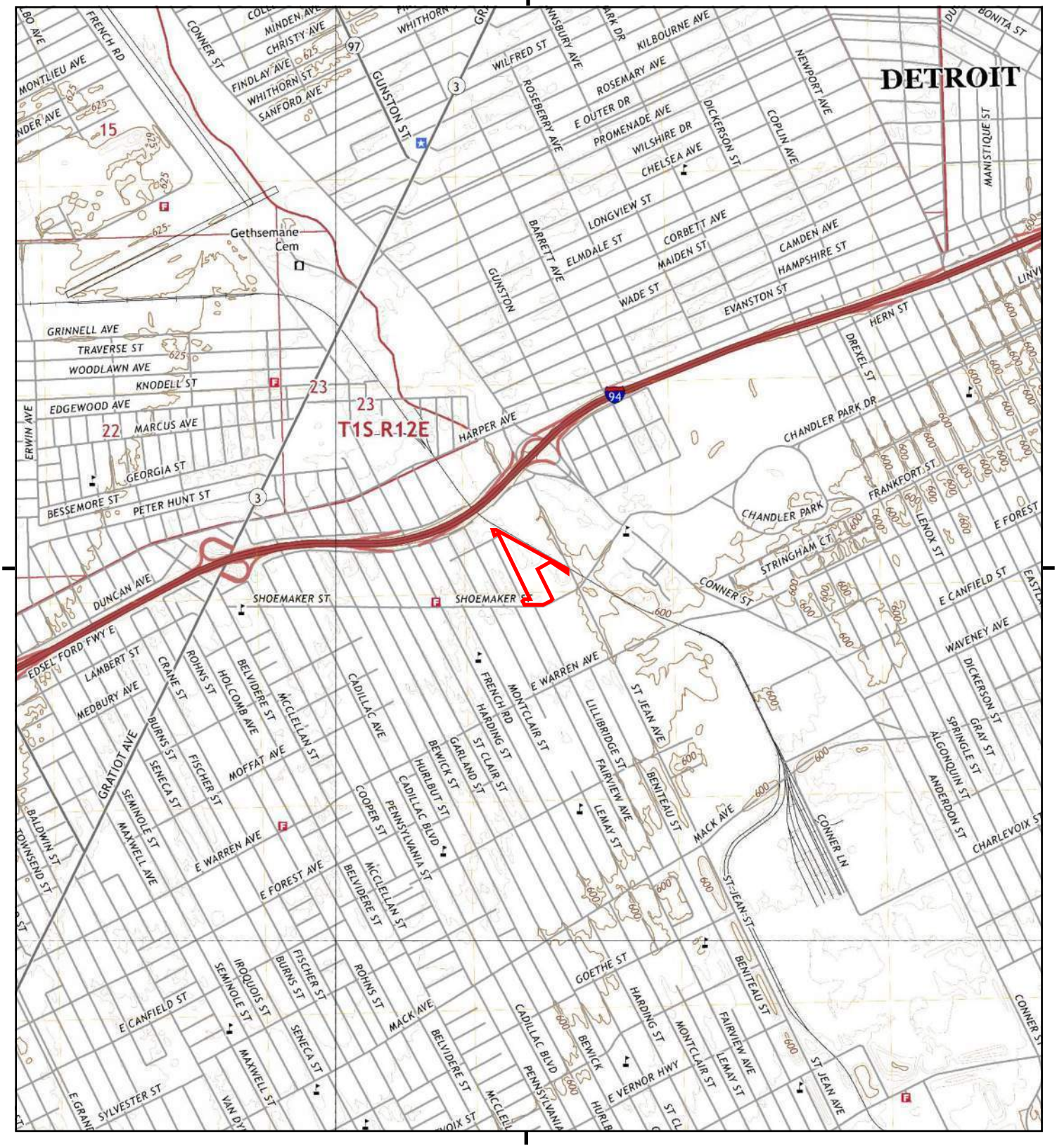
1905 Source Sheets

Grosse Pointe
1905
15-minute, 62500

Detroit
1905
15-minute, 62500

Historical Topo Map

2019



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

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

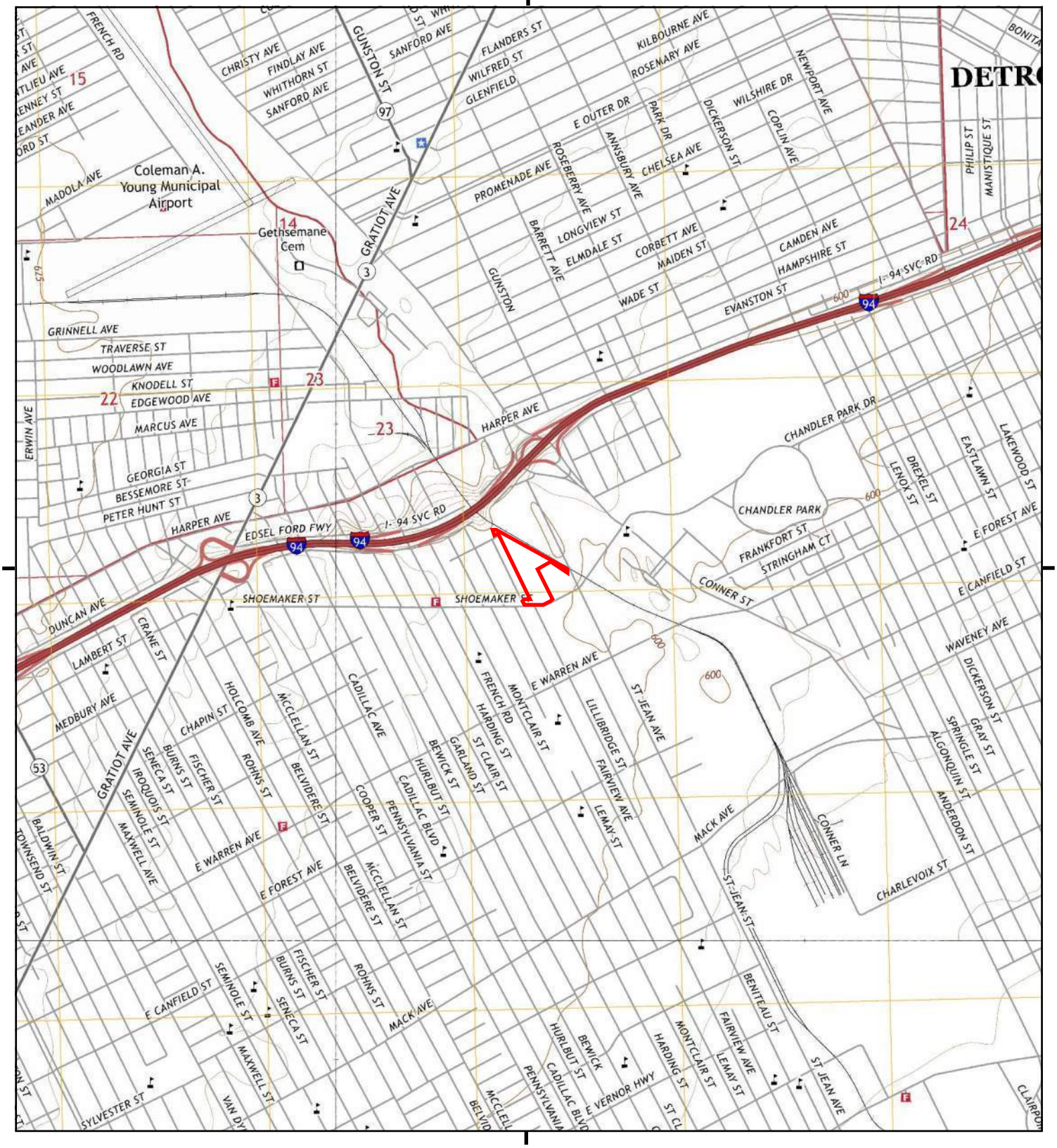
TP, Grosse Pointe, 2019, 7.5-minute
SE, Belle Isle, 2019, 7.5-minute
SW, Detroit, 2019, 7.5-minute
NW, Highland Park, 2019, 7.5-minute

SITE NAME: Detroit Demo Phase I ESA ENV 05.15.20
ADDRESS: 11031 Shoemaker
Detroit, MI 48213
CLIENT: DLZ Michigan Inc.

N

Historical Topo Map

2017



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

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

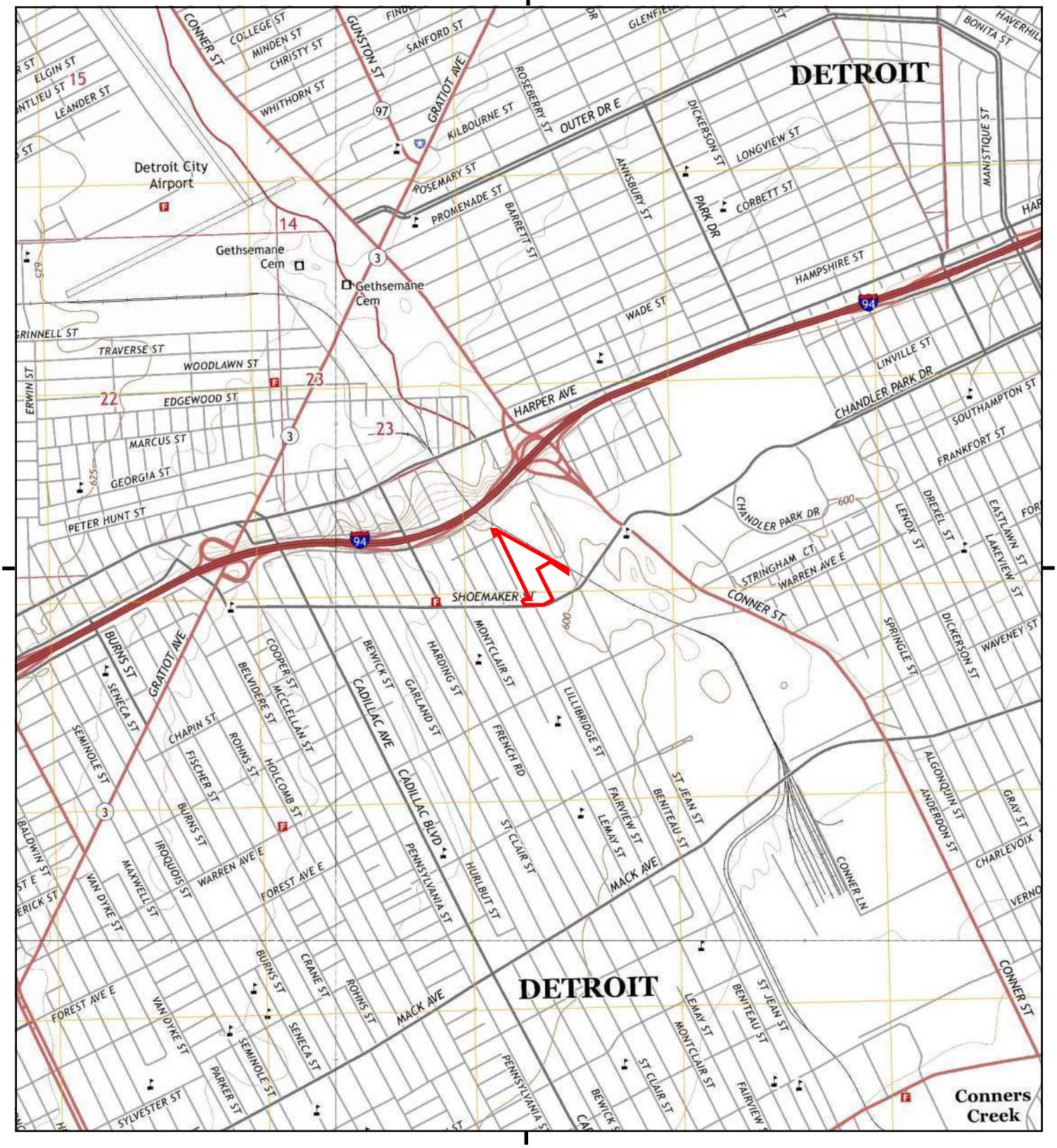
TP, Grosse Pointe, 2017, 7.5-minute
SE, Belle Isle, 2017, 7.5-minute
SW, Detroit, 2017, 7.5-minute
NW, Highland Park, 2017, 7.5-minute

SITE NAME: Detroit Demo Phase I ESA ENV 05.15.20
ADDRESS: 11031 Shoemaker
Detroit, MI 48213
CLIENT: DLZ Michigan Inc.

N

Historical Topo Map

2014



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

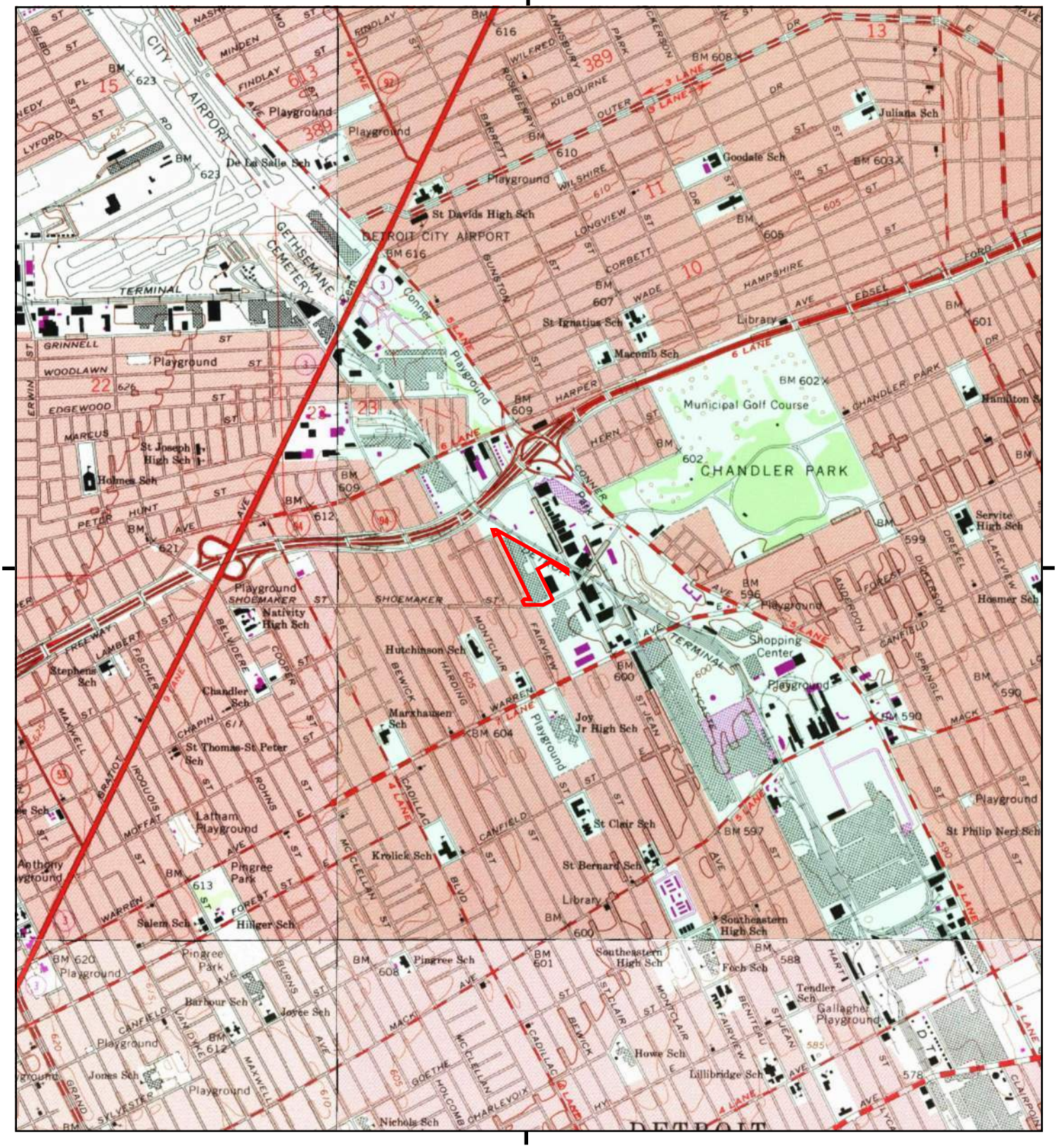
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

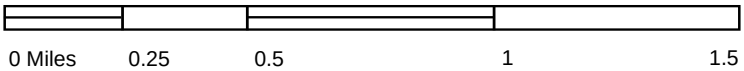
TP, Grosse Pointe, 2014, 7.5-minute
SE, Belle Isle, 2014, 7.5-minute
SW, Detroit, 2014, 7.5-minute
NW, Highland Park, 2014, 7.5-minute

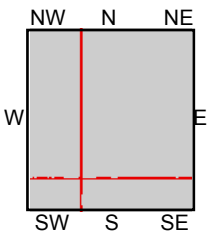
SITE NAME: Detroit Demo Phase I ESA ENV 05.15.20
ADDRESS: 11031 Shoemaker
Detroit, MI 48213
CLIENT: DLZ Michigan Inc.

N



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



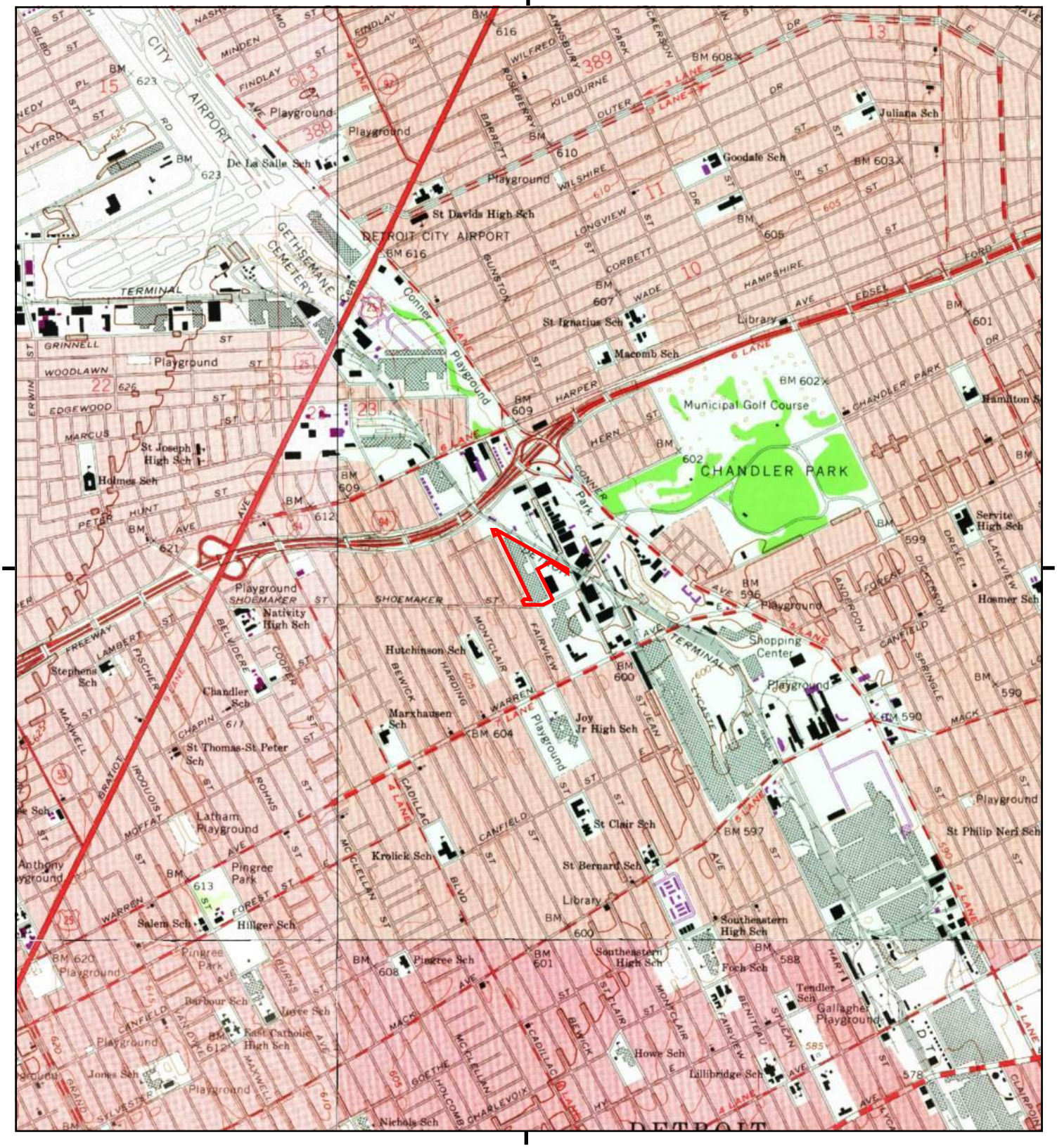


TP, Grosse Pointe, 1983, 7.5-minute
SE, Belle Isle, 1980, 7.5-minute
SW, Detroit, 1980, 7.5-minute
NW, Highland Park, 1983, 7.5-minute

SITE NAME: Detroit Demo Phase I ESA ENV 05.15.20
ADDRESS: 11031 Shoemaker
Detroit, MI 48213
CLIENT: DLZ Michigan Inc.

Historical Topo Map

1973



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

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Grosse Pointe, 1973, 7.5-minute
SE, Belle Isle, 1973, 7.5-minute
SW, Detroit, 1973, 7.5-minute
NW, Highland Park, 1973, 7.5-minute

SITE NAME: Detroit Demo Phase I ESA ENV 05.15.20
ADDRESS: 11031 Shoemaker
Detroit, MI 48213
CLIENT: DLZ Michigan Inc.

N

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

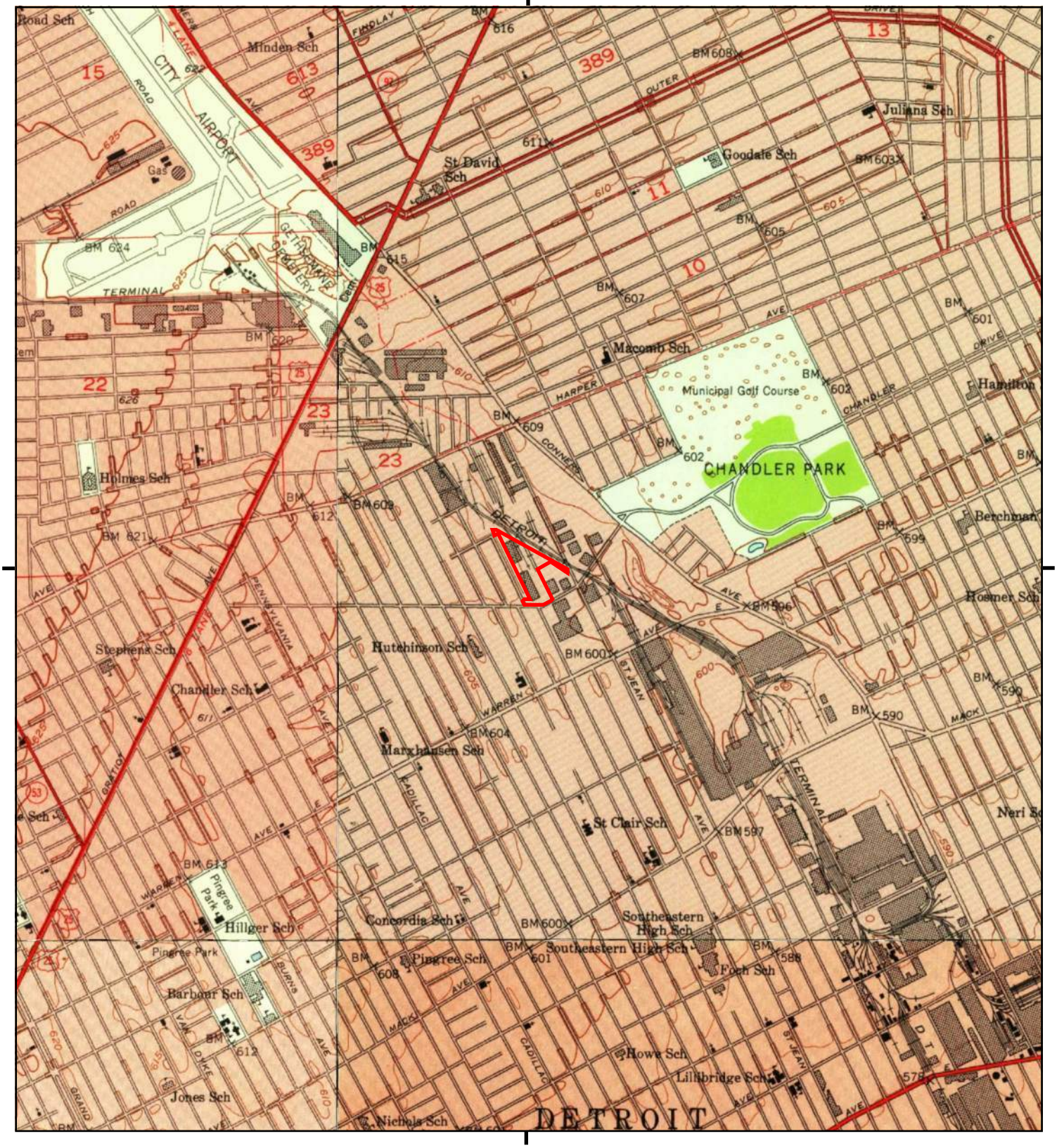
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Grosse Pointe, 1968, 7.5-minute
SE, Belle Isle, 1968, 7.5-minute
SW, Detroit, 1968, 7.5-minute
NW, Highland Park, 1968, 7.5-minute

SITE NAME: Detroit Demo Phase I ESA ENV 05.15.20
ADDRESS: 11031 Shoemaker
Detroit, MI 48213
CLIENT: DLZ Michigan Inc.

N



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

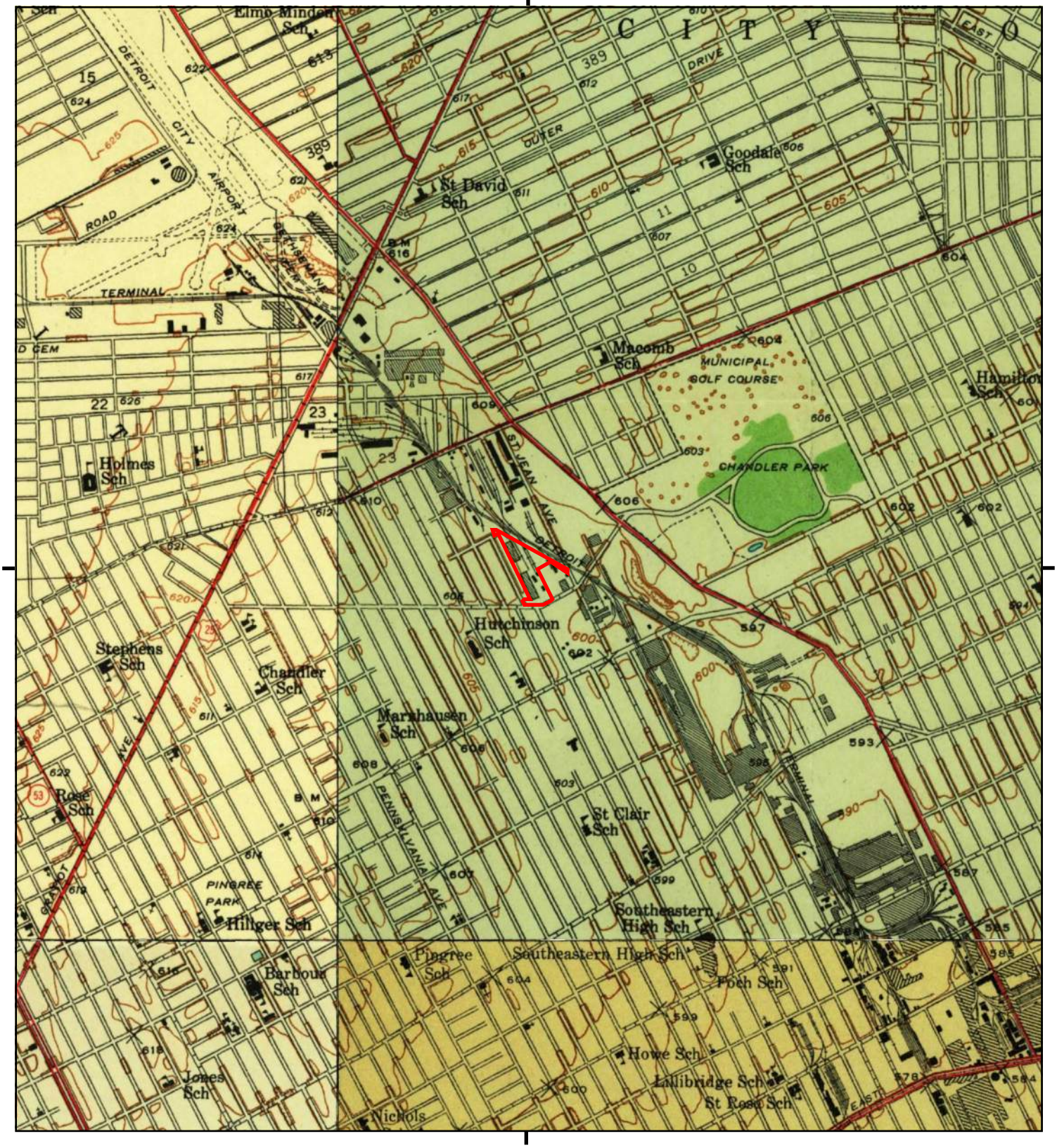
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Grosse Pointe, 1952, 7.5-minute
SE, Belle Isle, 1952, 7.5-minute
SW, Detroit, 1952, 7.5-minute
NW, Highland Park, 1952, 7.5-minute

SITE NAME: Detroit Demo Phase I ESA ENV 05.15.20
ADDRESS: 11031 Shoemaker
Detroit, MI 48213
CLIENT: DLZ Michigan Inc.

N



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

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

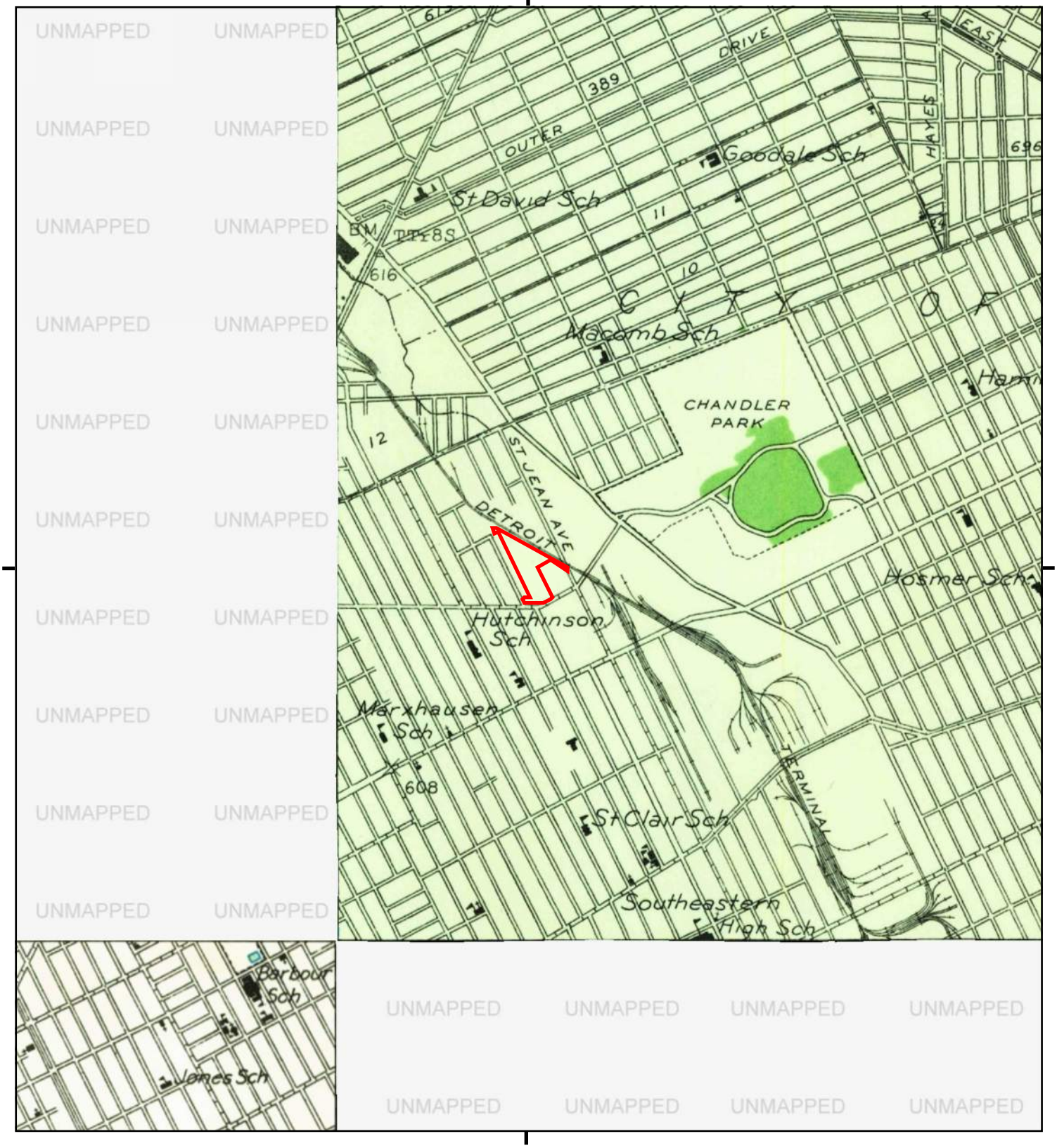
TP, Grosse Pointe, 1940, 7.5-minute
SE, Belle Isle, 1938, 7.5-minute
SW, Detroit, 1940, 7.5-minute
NW, Highland Park, 1940, 7.5-minute

SITE NAME: Detroit Demo Phase I ESA ENV 05.15.20
ADDRESS: 11031 Shoemaker
Detroit, MI 48213
CLIENT: DLZ Michigan Inc.

N

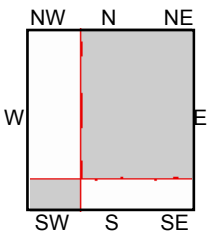
Historical Topo Map

1936



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

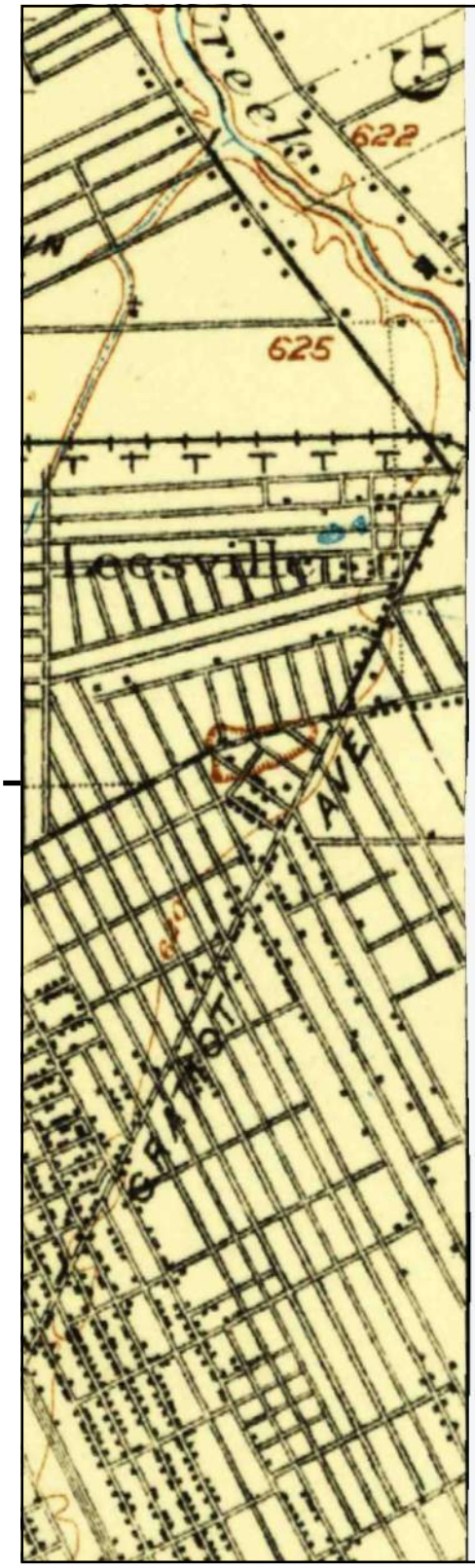
0 Miles 0.25 0.5 1 1.5



TP, Grosse Pointe, 1936, 7.5-minute
SW, DETROIT, 1936, 7.5-minute

SITE NAME: Detroit Demo Phase I ESA ENV 05.15.20
ADDRESS: 11031 Shoemaker
Detroit, MI 48213
CLIENT: DLZ Michigan Inc.

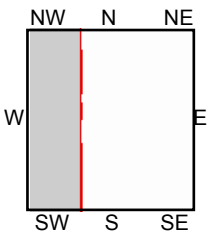
N



UNMAPPED

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

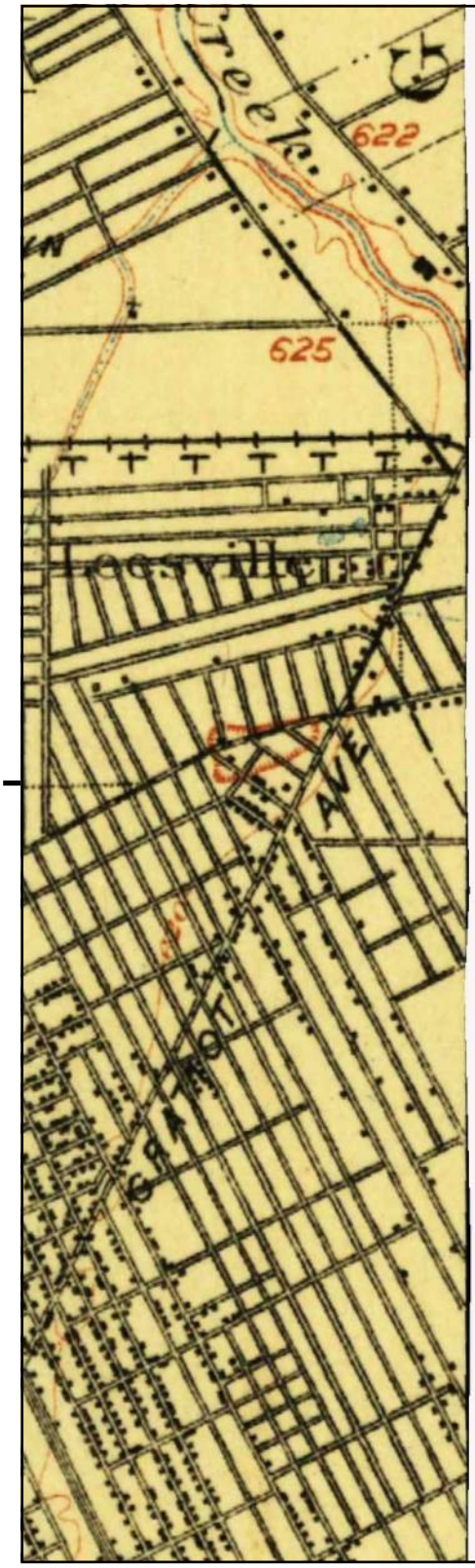
0 Miles 0.25 0.5 1 1.5



W, Detroit, 1934, 15-minute

SITE NAME: Detroit Demo Phase I ESA ENV 05.15.20
ADDRESS: 11031 Shoemaker
Detroit, MI 48213
CLIENT: DLZ Michigan Inc.

N



UNMAPPED

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

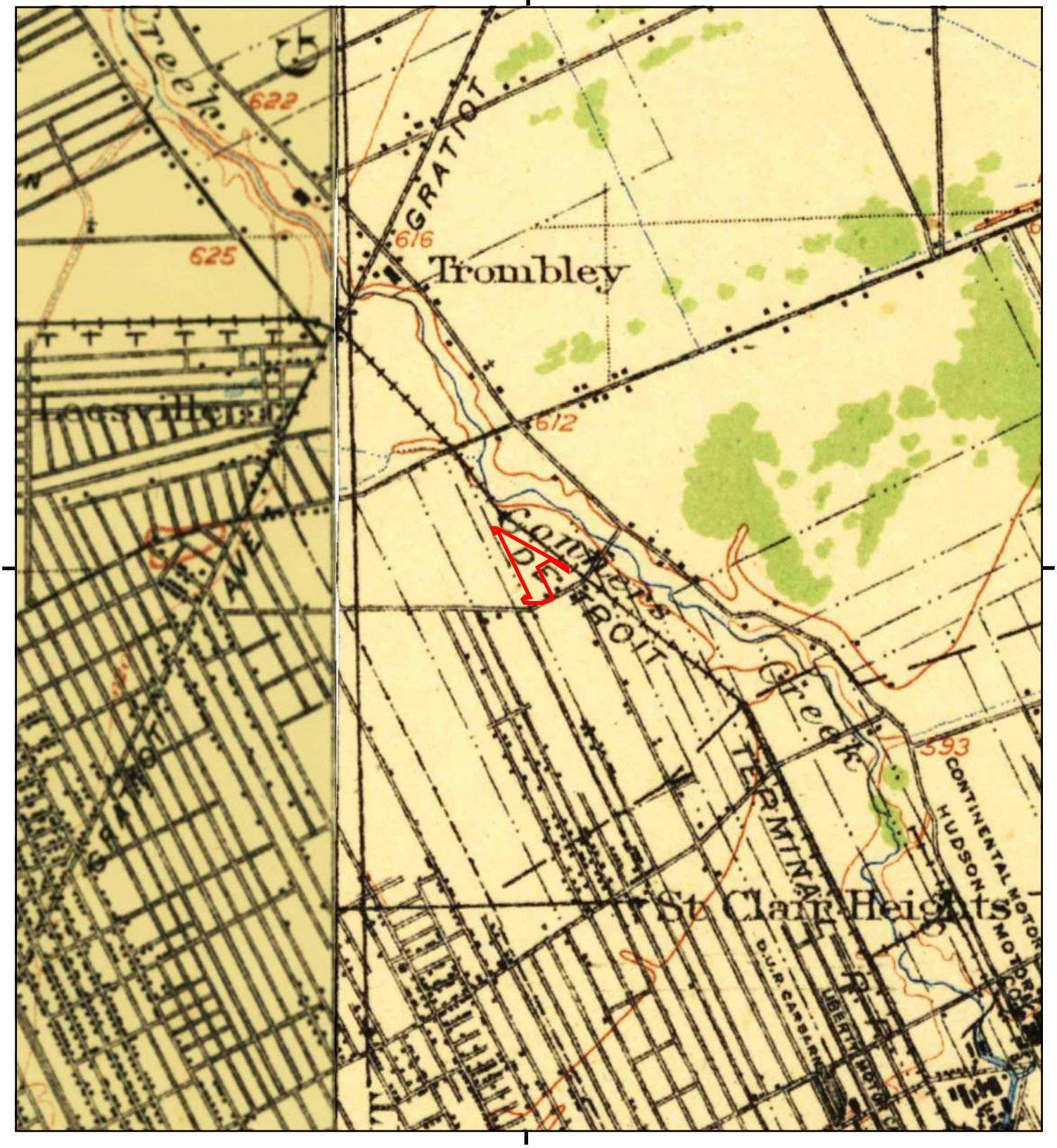
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

W, Detroit, 1924, 15-minute

SITE NAME: Detroit Demo Phase I ESA ENV 05.15.20
ADDRESS: 11031 Shoemaker
Detroit, MI 48213
CLIENT: DLZ Michigan Inc.

N



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

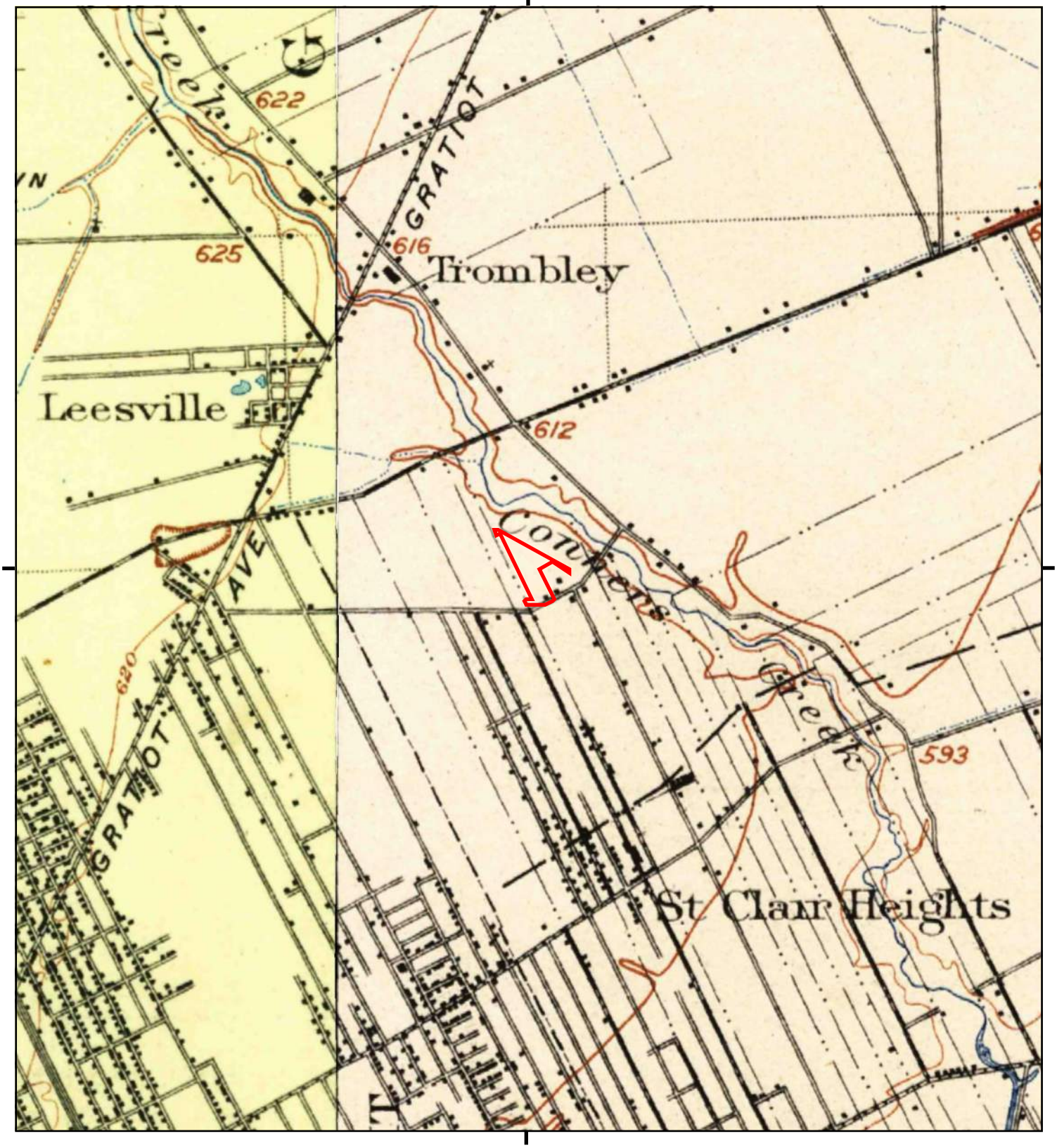
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Grosse Pointe, 1918, 15-minute
W, DETROIT, 1918, 15-minute

SITE NAME: Detroit Demo Phase I ESA ENV 05.15.20
ADDRESS: 11031 Shoemaker
Detroit, MI 48213
CLIENT: DLZ Michigan Inc.

N



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

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Grosse Pointe, 1905, 15-minute
W, Detroit, 1905, 15-minute

SITE NAME: Detroit Demo Phase I ESA ENV 05.15.20
ADDRESS: 11031 Shoemaker
Detroit, MI 48213
CLIENT: DLZ Michigan Inc.

N

APPENDIX J

DETROIT FIRE DEPT.

COMPLAINT ☐
REQUEST ☐
SPECIAL ☒

E-101

FIRE PREVENTION DIVISION

Location 11031 Shoemaker

Information Bower Roller Bearing

Contact Mr. Thomas relative to the installation and appurtenances thereof of 5 underground storage tanks

(2 ug quench oil tanks----FP 450 F) (1 ug honing oil tank---FP 135 F)

(1 ug lube oil tank-------FP 350 to 400 F)

(1 ug mineral spirits tank---- FP 108 F)

Made by Mr. Thomas Address Same

Received by Lambert Date 5-7-62 19

Phone X Mail Person Time 11:40 AM M.

Assigned to Hahn Date 5-8-62 Time 8:00AM

Radio Telephone Person

Form C of D-58-CO (Rev. 2-60)

77249

Details of investigation I contacted Mr. Thomas (Master Mechanic) re: to the installation of 5-12000 gal ug storage tanks. Two of the tanks are intended for the storage of products in the flammable liquid range, viz. one tank to be used for the storage of mineral spirits with a FP of 108 F., and a 2nd tank to be used for the storage of a honing oil with a FP of 135 F. The 3 remaining tanks are to be used for the storage of ~~pere~~ products with flash points above the flammable liquid range, quench oil and lube oil. The tanks are being located in a dourt yard area east of Bldg#6 and as yet no permit has been obtained for the installation. (referred to D of B) In conversation with Mr. Thomas and a Mr. John Shovely, pres. of the Service Station Installations, Inc., the company installing the tanks, the following pertinent information was obtained. ~~xxxxxx~~

The 2 quench oil tanks were moved from their previous location and will be connected to the ~~present~~ existing piping system for the presently used series of quench tanks. ~~Not~~ No further action required on these tanks. The lube oil tank, the mineral spirits tank, and the honing oil tank are new tanks and will be connected to electrically operated ~~tanks~~ pumps which will be located against the inside north wall of Bldg.#1, Column Line D-1, and equipped with "Dead-Man" controls, with the electric controls also being in the same area. The purpose of installing the ug spirits, honing oil, and lube oil tanks is to dispense with the problem of drum storage. The 2-12000 gal. ug tanks will be added to present storage building, and a re-check should be made about May 21, 1962 re: to the pump installation. (Ordinary wiring approved, no separation required.)

Date of Investigation May 8 1962

Time of Investigation 9:30 {A.M. / P.M.} Signed H. N. Hahn

Inspector

CITY OF DETROIT — DEPARTMENT OF BUILDINGS AND SAFETY ENGINEERING

BUREAU OF SAFETY ENGINEERING

DIVISION OF INFLAMMABLE LIQUIDS

LOCATION 11031 SHOEMAKER DATE OF INSPECTION 8/8/40

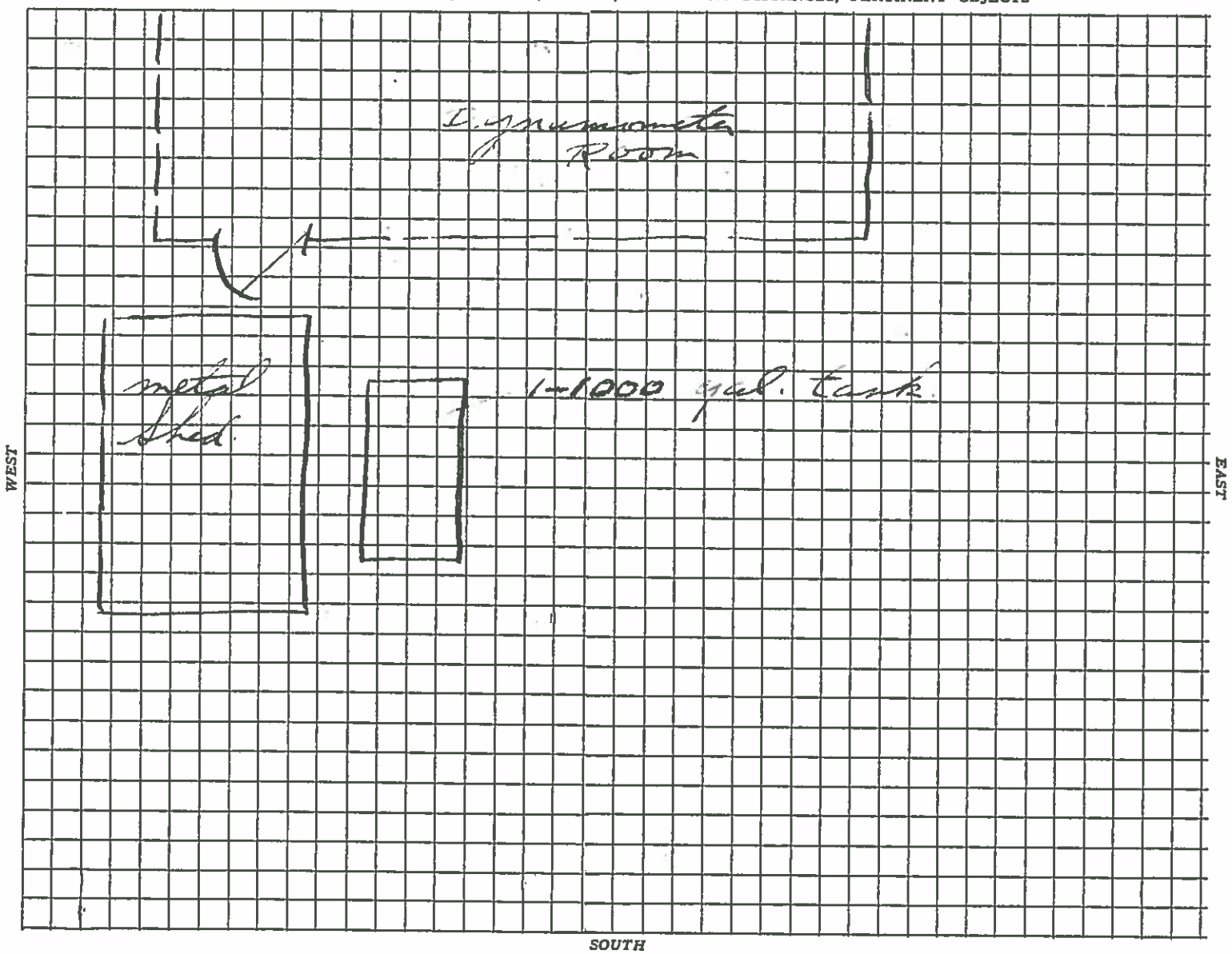
OWNER FEDERAL MOGUL CORP BUSINESS

OWNER'S ADDRESS INSPECTOR Guy.

WHEN WAS OCCUPANCY ESTABLISHED OR OBJECT INSTALLED

NORTH

ON DIAGRAM SHOW BUILDINGS, STREETS, ALLEYS, IMPORTANT DISTANCES, PERTINENT OBJECTS



WEST

EAST

SOUTH

DATA REPORT

Permit Required mfg

TANK

Underground Tanks Outside of Buildings

Dia. 65 Length 72 Capacity 1080 Class Liquid 1

Underground Tanks Under Building

Dia. Length Capacity Class Liquid

Overground Tanks — Number

Dia. Length Capacity Class Liquid

Have Plans Been Approved Material steel

Shell Gauge 7 Head Gauge 7 Type of Joint

Class Liquid Underwriters Label No. A-775569

Breather Vents Emergency Vents

Emergency Valves Dyke

Construction Dimensions

BUILDING OCCUPANCY Stories

Construction Walls Floors

Ceilings Roof Windows

Sprinklers Ceiling Height

Fire Extinguishing Equipment

Ventilation Type

Detail Heating

Are Exits Adequate

Detail Special Storage Rooms and Work Pits

Floor Area of Garages Sump

Tank Wagons Number City Number

Compartments Capacity Front

Middle Rear Ground Chains

Guards Breather Fire Ext.

DRY CLEANING PLANT — Is Plant Built and Equipped

Under Low Flash Requirements

High Flash Requirements

Detail and Indicate on Sketch

VAULTS — Use SIZE — W. H. L.

Spray Booths No. Size

Made of Ventilation

Electrical Equipment, Type

USE THIS SPACE FOR REPORT

STATE SECTIONS VIOLATED

This gasoline tank is connected by galvanized piping & fittings. It is buried 3 feet under ground. Installation approved - subject to final inspection of vent - fill & sump. Pump type used for submonitor approved.

INSPECTOR

Form C of D—99-AP (Rev. 10-56)

City of Detroit

DEPARTMENT OF BUILDINGS AND SAFETY ENGINEERING

4th Floor City-County Building WOodward 5-4200 Detroit 26, Michigan

Application for Installation of Flammable Liquids Storage Tanks—Underground

Date 5-7-62

Occupant Bower Ball Bearing Address 11031 Shoemaker

Contractor Service Station Inst. Co. Address 21312 Middlebelt New Boston

Owner of Property Bower Roller Bearing Div. Address 3040 Hart

ADDRESS OF INSTALLATION 11031 Shoemaker Street

Between Fairview and St. Jean

Lot Number 3 Subdivision St. Jean Farms

Nature of Business Mfg. Location of Pumps Inside
(Outside or in fireproof room)

Description of Tanks and Liquids:

	NUMBER	DIMENSIONS	CAPACITY (GALLONS)	KIND OF LIQUID	FLASH POINT F.
1.	One	10'-6" x 18'-6"	12,000	Mineral Spirits	105°-110°
2.	One	10'-6" x 18'-6"	12,000	Honing Oil	135°-140°
3.					

Are Tanks New or Used? New Do Tanks Bear Underwriter's Label? Yes

(Unlabelled or used tanks shall be inspected, tested and approved by the Bureau of Safety Engineering before Permit to install is issued.)

Is installation new, addition or replacement? New

Number, size and disposition of replaced tanks None

Distance of fill opening to fill pipes of other class liquids 12'-0"

Kinds of liquids Lube Oil + Quench Oil Identification of fill pipes Painted

Is delivery piping under pressure during operation? No P.S.I.

Is this installation to be used in connection with present buildings now located on the property? Yes

Are any new buildings to be erected, or present buildings altered or enlarged in connection with this installation? No

Remarks

John W. Howley
Signature of Applicant

FOR ZONING EXAMINER ONLY

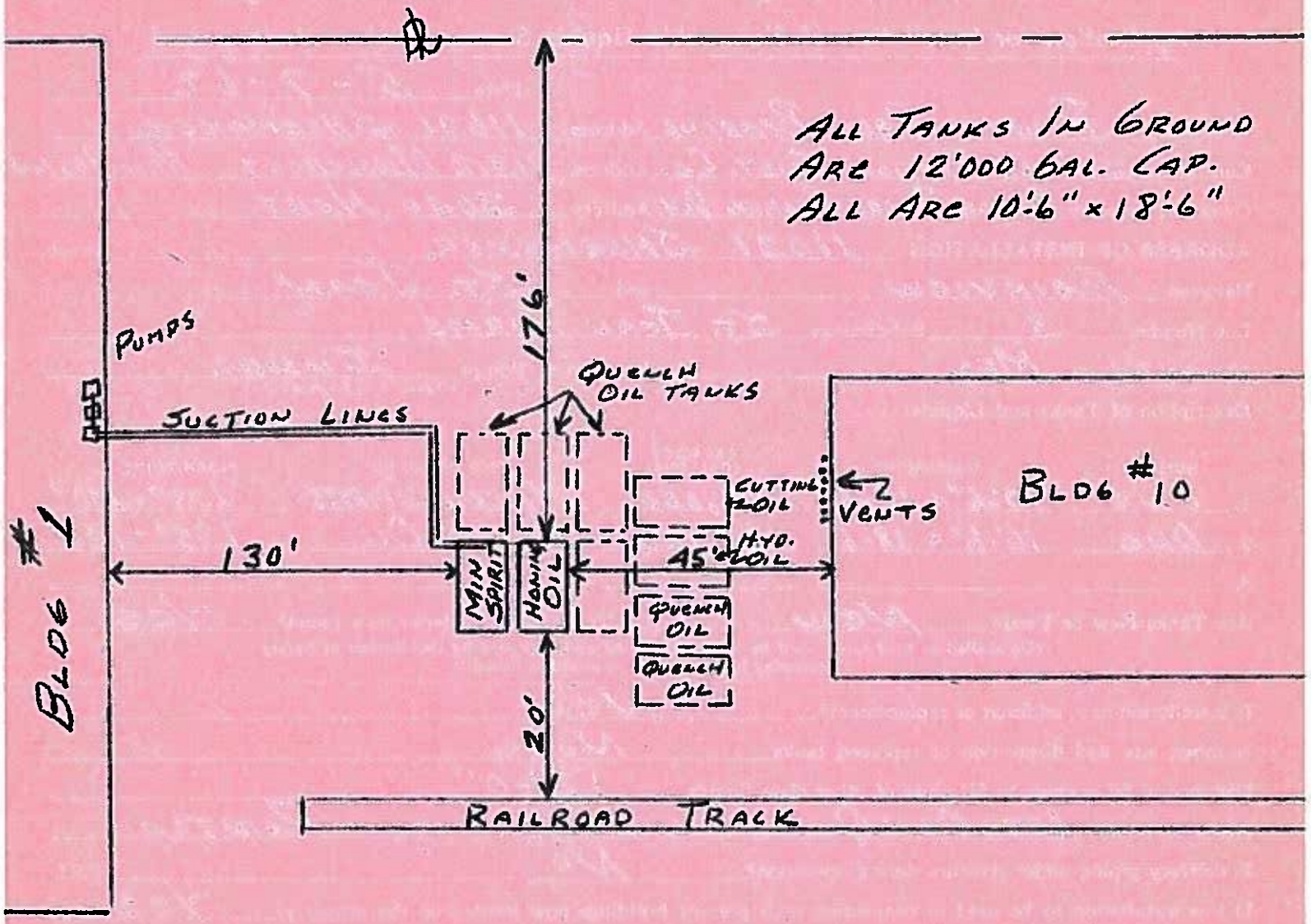
District M-4 Use Mfg Map No. 56

Remarks

Examiner Kurzyt Date 5-10- 19 62

PLOT PLAN

Show location of all tanks on property with respect to property lines, buildings and other permanent landmarks. Show also piping diagram, pump island location, distance between tanks and location of replaced tanks.



(Do Not Write In This Space)

Test pressure to be applied to delivery piping _____ P.S.I.

Remarks _____

Application approved by:

Safety Engineering Found Date 5-10-62

Fire Marshal M. Greenblatt Date MAY 11 1962

Permit Number 4142 Issued May 11 19 62

Form C of D—99-AP (Rev. 10-56)

City of Detroit

DEPARTMENT OF BUILDINGS AND SAFETY ENGINEERING

4th Floor City-County Building WOodward 5-4200 Detroit 26, Michigan

Application for Installation of Flammable Liquids Storage Tanks — Underground

Date 4-17-62

Occupant Bower Ball Bearing Address 3040 Hart

Contractor Service Station Inst. Address 21312 Middlebelt New Boston

Owner of Property Bower Ball Bearing Address 3040 Hart

ADDRESS OF INSTALLATION 1109 ~~3040 Hart~~ Shoemaker Street

Between St. Jean and Fairview

Lot Number 3 Subdivision of Lot 25 of St Jean's Farm

Nature of Business Mfg. Roller Bearings Location of Pumps Inside
(Outside or in fireproof room)

Description of Tanks and Liquids:

	NUMBER	DIMENSIONS	CAPACITY (GALLONS)	KIND OF LIQUID	FLASH POINT F.
1.	One	96" x 16'-0"	6,000	Gasoline	
2.					
3.					

(See Insp. Lieb's report of 4-26-62 on used tank)

Are Tanks New or Used? Used Do Tanks Bear Underwriter's Label? Yes

(Unlabelled or used tanks shall be inspected, tested and approved by the Bureau of Safety Engineering before Permit to install is issued.)

Is installation new, addition or replacement? Relocation

Number, size and disposition of replaced tanks None

Distance of fill opening to fill pipes of other class liquids 100'

Kinds of liquids Quenching Oil Identification of fill pipes Painted

Is delivery piping under pressure during operation? No P.S.I.

Is this installation to be used in connection with present buildings now located on the property? Yes

Are any new buildings to be erected, or present buildings altered or enlarged in connection with this installation?

Remarks We are Relocating One 6000 Gallon Tank That Is Now In Use, Connecting To Existing Suction Line From Pump

John W. Stanley
Signature of Applicant

FOR ZONING EXAMINER ONLY

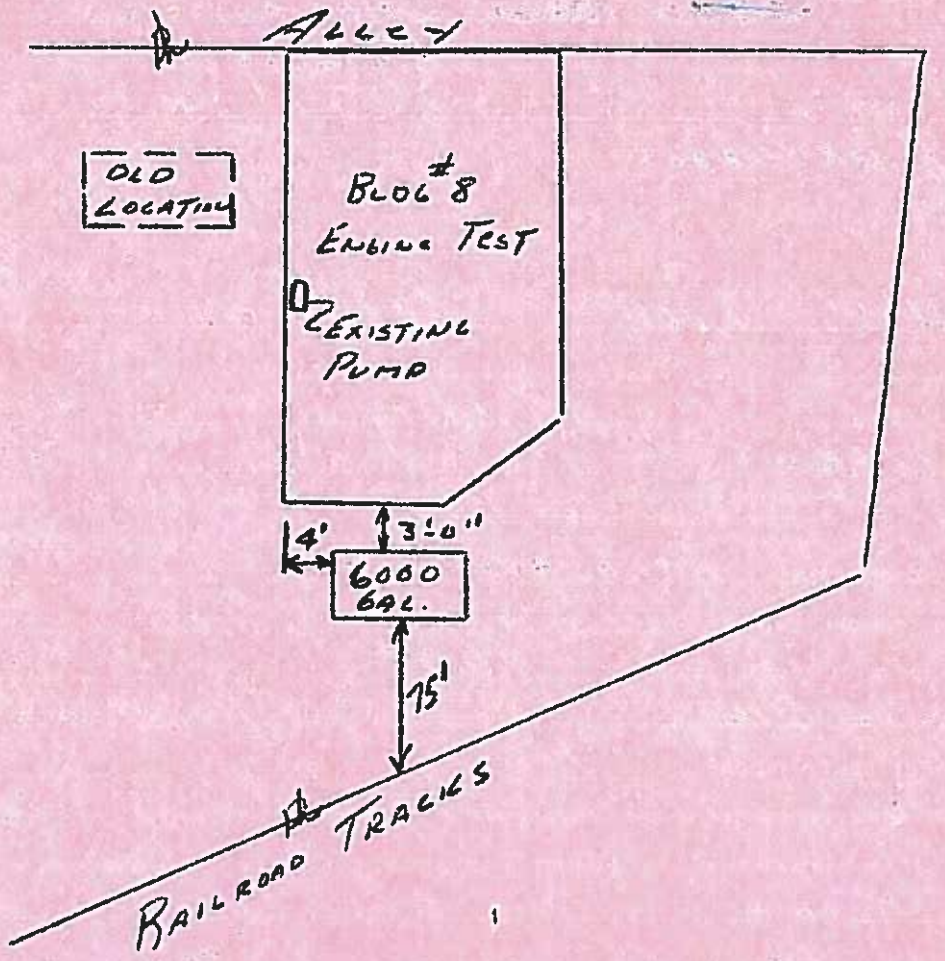
District MH Use _____ Map No. 56

Remarks _____

Examiner Rudaudon Date 4/25/62 19

PLOT PLAN

Show location of all tanks on property with respect to property lines, buildings and other permanent landmarks. Show also piping diagram, pump island location, distance between tanks and location of replaced tanks.



(Do Not Write In This Space)

Test pressure to be applied to delivery piping _____ P.S.I.

Remarks _____

Application approved by:
Safety Engineering Jim Gray Date 4-27-62
Fire Marshal M. Whitte Date 4-26-62

Permit Number 4111 Issued April 27 19 62

Form C of D—99-AP (Rev. 10-56)

City of Detroit

DEPARTMENT OF BUILDINGS AND SAFETY ENGINEERING

4th Floor City-County Building WOodward 5-4200 Detroit 26, Michigan

Application for Installation of Flammable Liquids Storage Tanks — Underground

Date September 27, 1960

Occupant Federal-Mogul Division Address 11031 Shoemaker Ave.

Contractor A & G Service Address 21219 Schoolcraft

Owner of Property Federal Mogul Bower Bearings Address 11031 Shoemaker Ave.

ADDRESS OF INSTALLATION 11031 Shoemaker Street

Between St. Jean and Fairview

Lot Number [redacted] Subdivision Thomas L. Rice Sub. Acreage

Nature of Business Mfg. Co. Location of Pumps inside existing
(Outside or in fireproof room)

Description of Tanks and Liquids:

	NUMBER	DIMENSIONS	CAPACITY (GALLONS)	KIND OF LIQUID	FLASH POINT F.
1.	1	8'x 16'	6000	gasoline	-45°
2.					
3.					

Are Tanks New or Used? new Do Tanks Bear Underwriter's Label? yes
(Unlabelled or used tanks shall be inspected, tested and approved by the Bureau of Safety Engineering before Permit to install is issued.)

Is installation new, addition or replacement? replacement

Number, size and disposition of replaced tanks 1-1,000 gal. tank. junked

Distance of fill opening to fill pipes of other class liquids none

Kinds of liquids none Identification of fill pipes color

Is delivery piping under pressure during operation? no P.S.I.

Is this installation to be used in connection with present buildings now located on the property? yes

Are any new buildings to be erected, or present buildings altered or enlarged in connection with this installation? no

Remarks New 6,000 Gal. tanks are going in same area as 1000 Gal. tanks to be removed.

C. Landa
Signature of Applicant

FOR ZONING EXAMINER ONLY

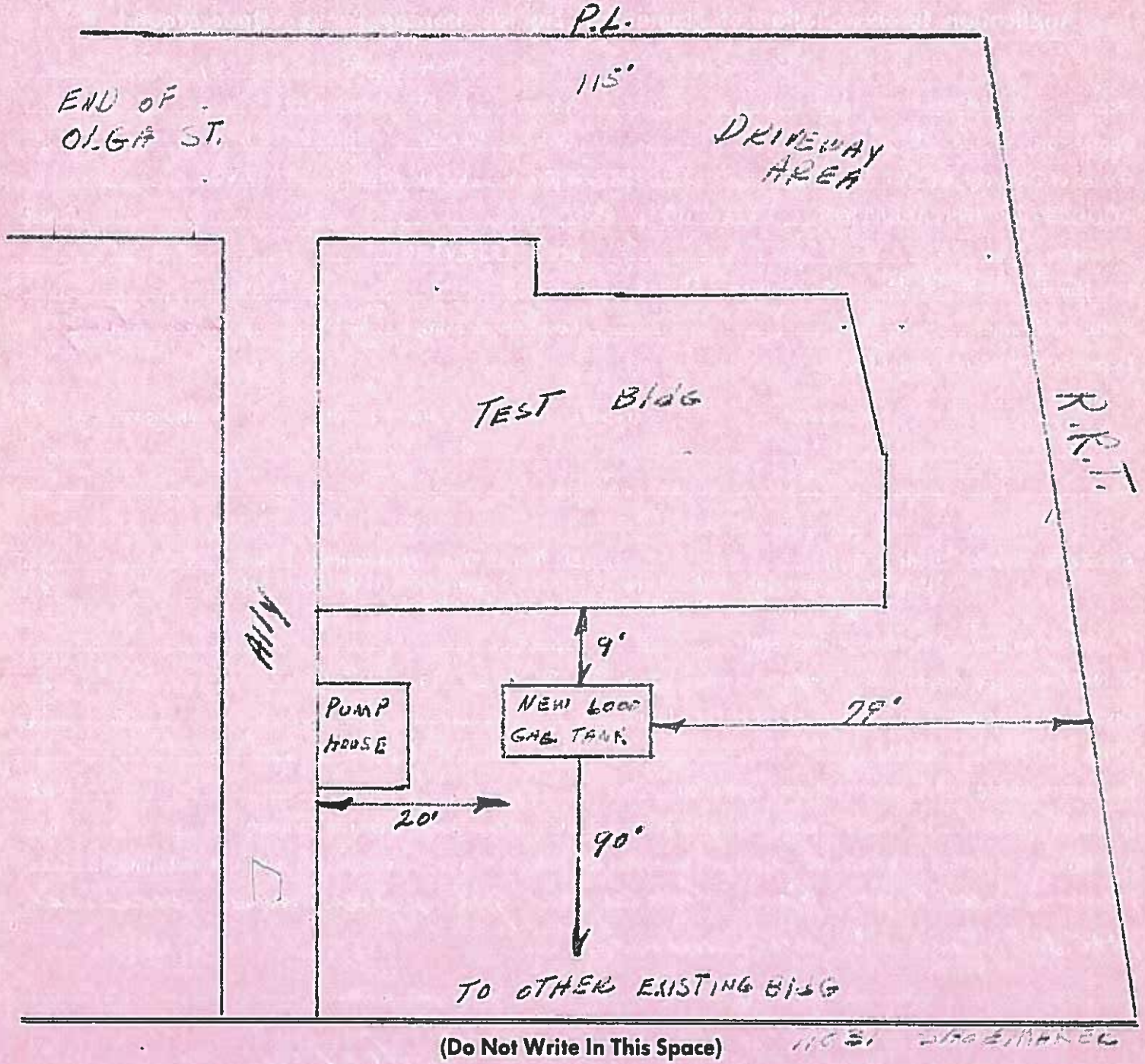
District M4. Use Map No. 5 6.

Remarks

E. Olmstead Examiner Date 9-28-60 19

PLOT PLAN

Show location of all tanks on property with respect to property lines, buildings and other permanent landmarks. Show also piping diagram, pump island location, distance between tanks and location of replaced tanks.



(Do Not Write In This Space)

Test pressure to be applied to delivery piping _____ P.S.I.

Remarks _____

Application approved by:

Safety Engineering G M Shumway Date 9/28/60

Fire Marshal Mabel G Date SEP 27 1960

Permit Number 2775 Issued 9-28-60 19____

Service Station Maintenance *Tank Installation* *Hoist Installation* *Lift Distributor*

PARKS INSTALLATION COMPANY

300 East Huron Street
MILFORD, MICHIGAN 48042

Milford 685-4875
685-2840

ROY [illegible], *President*
HAR[illegible]ATON, *Vice President*
GA[illegible]ER, *Manager*
[illegible]RKS, Jr., *Engineer*

PROPERTY FILE

March 26th, 1976

City of Detroit
Fire Marshall's Office
250 West Larned
Detroit, Michigan 48226

Attention: Mr. Nevin

Gentlemen:

On March 25th, 1976, Parks Installation Company removed one (1) 6,000 gallon underground gasoline tank at 11031 Shoemaker, Detroit, Michigan.

Respectfully,

PARKS INSTALLATION COMPANY

Gary C. Painter
Manager

CC: Federal-Mogul Corporation
26555 Northwestern Highway
Southfield, Michigan 48076

rml

PROPERTY FILE
PROPERTY FILE

3

Detroit Fire Department
FIRE MARSHAL DIVISION
250 W. Larned St.
Detroit, Michigan 48226

224-2063
Phone 96~~1-2000~~

No. B 00539

APRIL 4 19 75

Inspection FLAMMABLE LIQUID STORAGE

Due APRIL 1, 1975

Assigned to J. Vanden Boom

Inspected 1-29-76 19

Notice issued No.

Final reinspection 19

Condition

Signed

1/30/76

Issued to ~~Federal Mogul Corp.~~ R. VanSteenkiste
26555 Northwestern Hwy, Southfield, MI 48076
see change
~~GRINDER CLEARANCE HOUSE~~
~~FRANK HORN - PRES~~
~~2679 CONNOR - 48215~~

Location 11031 SHOEMAKER

District E-111

PERMIT NO.

Amount

AF

STORAGE OF FLAMMABLE LIQUIDS

BETWEEN 5001 - 25,000 GALLONS 28.00

~~1 - 6,000 GAL U.G. GAS TANK~~ ~~Bill same~~

1 - 12,000 GAL U.G. MINERAL SPIRITS TANK

1-29-76 Cancel - violation # 14459 issue to applicant as omission by Insp Vanden Boom RE

(SUBJECT TO INSPECTION LIMITATIONS)

This permit expires
MARCH 31, 1976

Total $ 28.00

Form-C of D-19-PE

(over)

GAR. A-67077
T/B A-67078
DETROIT FIRE DEPT.

COMPLAINT ☐ FIRE INVEST. ☐
REQUEST ☐ ZONING ☐
SPECIAL ☒

E-111
FIRE MARSHAL DIVISION

Location 11031 Shoemaker Federal-Mogul Corp. (3040 Hart)

Information Our Invoices returned by the above stating that this plant is not in operation. Verify same for cancellation of Storage-Garage & T/B Unit Permits. If new occupant, make inspection and issue New Billing Slip. If vacant, issue orders to safeguard the 1/6000 gal. u.g. gasoline tank.

RETURN TO: INSP. BAILEY

Made by _____ Address _____

Received by _____ Date 11-13-73 19__

Phone _____ Mail _____ Person _____ Time _____

Assigned to _____ Date _____ Time _____

Radio _____ Telephone _____ Person _____

Form C of D-58-CO (Rev. 11-66)

1-21-74

Details of investigation 3-Bldgs formerly owned & occupied by Federal Mogul Corp. who is in the final stages of moving out. Should be completely out by end of 1973
Contacted A. Meloche - in charge of moving operation
Above property bought by Horn Machinery Co (used heavy machinery sales Co.) Frank Horn - Pres. who will move in early part of 1974
R.I. in 60 days
New occupant not moved in yet 12-27-73 Zaremba
Vacant 1-2-74 Zaremba - No additional info

Date of Investigation Nov 21 19 73

Time of Investigation 1100

Signed Zaremba
Inspector

3

A & G

Detroit Fire Department
FIRE MARSHAL DIVISION
250 W. Larned St.
Detroit, Michigan 48226

Phone 963-2100

No. A 59419

MARCH 16, 19 73

Inspection FLAMMABLE ~~XXXX~~ LIQUID ~~XXXXX~~ STORAGE

Due APRIL 1, 1973

Issued to

FEDERAL - MOGUL CORPORATION

11031 SHOEMAKER - 48213

Assigned to Zaremba

Inspected March 19 19 74

Notice issued No. None

Final reinspection 19

Condition OK

Signed Zaremba

Location 11031 SHOEMAKER

District E-111

PERMIT NO.

Amount

NT
STORAGE OF FLAMMABLE LIQUIDS

BETWEEN ☒ 5001 TO 25,000 GALLONS 28.00

3/19/74 note

Cancel permit - new occupant new billing issued by Insp Zaremba HB

1 - 6,000 GALLON ~~XX~~ U.G. GAS TANK
1- 12,000 GALLON U.G. MINERAL SPIRITS TANK

OK FOR PERMIT

(SUBJECT TO INSPECTION LIMITATIONS)

This permit expires
MARCH 31, 1974

Total $ 28.00

Form-C of D-19-PE

(Equal)

Cancel permits
Bldg Vacant
1-17-74 Inspr

Bldg still vacant
Permit for F.L.S.
will be paid by new owner of property
Granting Clearance Hearing
Frank Hom Pres
X79 Owner
[illegible]

Inspr 3-19-74

S-A

Detroit Fire Department
FIRE MARSHAL DIVISION
250 W. Larned St.
Detroit, Michigan 48226

Phone 963-2100

No. A 67077

AUGUST 10, 19 73

Inspection GARAGE

Due SEPTEMBER 1, 1973

Assigned to Zaremba

Inspected March 19 19 74

Notice issued No.

Final reinspection 19

Condition

Signed

Issued to

FEDERAL-MOGUL-BOWER BEARINGS, INC.
BOWER ROLLER BEARING DIV.
(ATTN: JOSEPH LOUIO, SAFETY SUPV.)
11031 SHOEMAKER - 48213

Location 11031 SHOEMAKER

District E-111

PERMIT NO.

NT

X

CANCELLED

Cancel permit - Bldg vacant Casper Insp Zaremba and OK

JUN 17 1974

Amount
10.00

REPAIR GARAGE - 1,800 SQ. FT.

Cancelled Inv. A-67077 as of 3/19/74 per Insp. Zaremba. Bldg. vacant. Refer to complaint form in property file.

This permit expires AUGUST 31, 1974

Total $ 10.00

Form-C of D-19-PE

S-G

3

Detroit Fire Department
FIRE MARSHAL DIVISION
250 W. Larned St.
Detroit, Michigan 48226

Phone 963-2100

No. A 67078

AUGUST 10, 19 73

Inspection GAS WELDING CUTTING BRAZING

Due AUGUST 1, 1973

Issued to

FEDERAL -MOGUL-BOWER BEARINGS, INC.
& BOWER ROLLER BEARING DIV.
(ATTN: JOSEPH LOUIO, SAFETY SUPV.)
11031 SHOEMAKER - 48213

Assigned to

Inspected March 19 1974

Notice issued No.

Final reinspection 19

Condition

Signed

Location 11031 SHOEMAKER

District B-111

PERMIT NO.

	Amount
NT	
Cancel permit - bldg vacant as per Insp Zaremba - HB	
1 TORCH/BURNER UNIT	10.00
3 ADDITONAL UNITS @ $4.00 EA.	12.00
GAS STORAGE 3,000 TO 13,000 CU.FT.	10.00
Cancelled Inv. A-67078 as of 3/19/74 per Insp. Zaremba. Bldg. vacant. Refer to complaint form in property file.	
CANCELLED JUN 17 1974	
Total	$ 32.00

This permit expires

JULY 31, 1974

Form-C of D-19-PE

E-111

Fire Prevention Division

E-111

New Permit Billing Data

Location 11031 Shumaker - 13

Firm Name Dayco Parts Depot

Proprietor(s) Dayco

Mailing Address Same

Date Inspected 11-22-62 By [illegible]

Indicate kind and quantities of inflammable liquids and/or equipment for which no permit could be shown; if garage or greasing station, indicate area; if gasoline station, number of pumps in use, etc.

Add to present storage tanks
2-12,000 gal U.G. (#30.00)
(mineral spirits & Honing oil)

Type Permits Required ADD TO PRESENT STORAGE

BILLING

Violation Notices No. _____ are pending against these premises.

Withhold Following Permits _____

Until Notices No. _____ have been complied with.

Notices Complied _____ (Date) OK'd by _____

41418

FOR OFFICE USE ONLY:

Add'l. billing - $18.00. Permit #41741 issued

Invoice for ~~3-21-62 for STORAGE-5001-25,000 GAL., FEE PD.~~
NOW HAVE: STORAGE-25,001-100,000 GAL.(FEE $30.00) $12.00
~~1-12,000 gal.u.g. mineral sp. tank,1-12,000 gal.u.g.honing~~ Permit(s)
Records Checked for Current Permit? X oil tank &
1-6,000 gal. u.g. gasoline tank

Invoiced NOV 21 1962 By _____ Card OK X

Form C of D—8-DA

OK FOR PERMIT

Contractor's License No.

City of Detroit

DEPARTMENT OF BUILDINGS AND SAFETY ENGINEERING
Fourth Floor City-County Building — Detroit 26, Michigan — WO 5-4200

No 2775

Blue Copy for FIRE MARSHAL

Permission is hereby granted to A & G SERVICE SEPT. 28, 1960

Address 21219 SCHOOLCRAFT

For installation of FLAMMABLE LIQUIDS STORAGE TANKS - UNDERGROUND

at 11031 SHOEMAKER

Owner FEDERAL MOGUL BOWER BEARINGS Address 11031 SHOEMAKER

To be in accordance with the following requirements:

INSTALL ONE 8'X16', 6,000 GAL. GASOLINE STORAGE TANK - U.G.
AS PER APPROVED APPLICATION.

AMOUNT PAID

Bureau of Licenses and Permits

Clerk. SUSKO FEE $ 25.00

Form C of D—14-LI (Rev. 9-59 — 2M59)

6-13-60

Installation held incomplete due to adjacent alley construction work. Held until about 7-1-60.

- Held

9/28/60

DETROIT FIRE DEPT.

COMPLAINT ☐
REQUEST ☑
SPECIAL ☑

E-111

FIRE PREVENTION DIVISION

Location 11031 SHOEMAKER

Information FEDERAL-MOGUL

WITNESS REMOVAL OF (1) 1000 GAL U.C. GASOLENE TANK

12:00 NOON THURS 9/29/60

OK TO FILE

Made by A. & G. SERVICE Address

Received by LAMBERT Date 9/28/60 19

Phone X Mail Person Time 8:40 A.M. M.

Assigned to Kaczek Date 9-29-60 Time 8:00 A.M.

Radio Telephone Person

Form C of D-58-CO (Rev. 2-60)

Details of investigation

Witnessed removal of 1-1000 gal. underground tank this date. (Next 4000 gal. tank to be installed in its place.)

Date of Investigation 9-29-60 19

Time of Investigation 12 15 ~~A.M.~~ P.M.

Signed Kaczek Inspector

City of Detroit

DEPARTMENT OF BUILDINGS AND SAFETY ENGINEERING
FOURTH FLOOR CITY-COUNTY BUILDING
DETROIT 26, MICHIGAN

Telephone
WOODWARD 5-4200

October 4, 1960

2/6/61
Oil Co Fire
E.

- Detroit Fire Dept.
- Fire Prevention Bureau

BUREAU OF SAFETY ENGINEERING APPROVAL

On 9-30-60 the Bureau of Safety Engineering inspected

One - 6,000 Gal. Gasoline Storage Tank - U.G. - Permit # 2775

at 11031 Shoemaker-A. & G. Service-21219 Schoolcraft
Owner-Federal Mogul Bower Bearings-11031 Shoemaker

and found the same to be satisfactory to this Bureau.

REMARKS:

Installation approved subject to final of vent and pump.

2-2-61
Pump, vent, & fill - ok
E Harrison

Yours very truly,

BUREAU OF SAFETY ENGINEERING

Frank J. Drogosch

CHIEF SAFETY ENGINEER

LETTER
Form C of D—41-1E (Rev. 2-59)

City of Detroit

DEPARTMENT OF BUILDINGS AND SAFETY ENGINEERING
FOURTH FLOOR CITY-COUNTY BUILDING
DETROIT 26, MICHIGAN

Telephone
WOODWARD 5-4200

May 1, 1962

Detroit Fire Dept.
Fire Prevention Bureau

BUREAU OF SAFETY ENGINEERING APPROVAL

On April 27, 1962 the Bureau of Safety Engineering inspected

1 - 6,000 Gal. Gasoline Storage Tank - Permit #4111

AT 11031 Shoemaker - Service Station Inst. - 21312 Middlebelt

Owner - Bower Ball Bearing - 3040 Hart
and found the same to be satisfactory to this Bureau.

REMARKS: Installation approved subject to final of vent and pump.

Vent & Pump O.K 10-22-62 GDH

Yours very truly,

BUREAU OF SAFETY ENGINEERING

Frank J. Drogosch

CHIEF SAFETY ENGINEER

LETTER
Form C of D—41-LE (Rev. 2-59)

City of Detroit

DEPARTMENT OF BUILDINGS AND SAFETY ENGINEERING
FOURTH FLOOR CITY-COUNTY BUILDING
DETROIT 26, MICHIGAN

Telephone
WOODWARD 5-4200

C

May 24, 1962

- Detroit Fire Dept.
- Fire Prevention Bureau

BUREAU OF SAFETY ENGINEERING APPROVAL

On May 18, 1962 the Bureau of Safety Engineering inspected

1-12,000 Gal. Mineral Spirits & 1-12,000 Gal. Honing Oil Tanks U.G.-Permit #4142

AT 11031 Shoemaker - Service Station Inst. Co. - 21312 Middlebelt

Owner - Bower Roller Bearing Div. - 3040 Hart

and found the same to be satisfactory to this Bureau.

REMARKS: Installation approved subject to final of vent and pump.

Vent & Pump O.K. 10-22-62 GJ

Yours very truly,

BUREAU OF SAFETY ENGINEERING

Frank J. Drogosch

CHIEF SAFETY ENGINEER

LETTER
Form C of D—41-LE (Rev. 2-59)

6-13-60

Installation held incomplete due to adjacent alley construction work. Held until about 7-1-60.

- Held

Contractor's License No.....

City of Detroit

DEPARTMENT OF BUILDINGS AND SAFETY ENGINEERING
CITY SERVICE BUILDING, CLINTON AND RAYNOR STREETS
JOSEPH P. WOLFF, COMMISSIONER

No. 1052

AUG -7 1940

Permission is hereby granted to HAFKE BROS

Address 3305 GRATIOT

For INSTALLATION OF GASOLINE STORAGE TANK

at 11031 SHOEMAKER (REAR)

Owner FEDERAL MOGUL CORP Address SAME

To be in accordance with the following requirements:

Ordinances regulating the use, handling, storage and sale of inflammable liquids and the products thereof in the City of Detroit.

1-1000 GAL TANK

ON PRIVATE PROPERTY - NO CURB CUT

Bureau of Licenses and Permits

Marion
CLERK

FEE $ 5.00

FORM C OF D—14-LI

Phone
Randolph 7004

DO NOT FILL IN

FORM C OF D-1-AP

City of Detroit

DEPARTMENT OF BUILDINGS & SAFETY ENGINEERING

Bureau of Safety Engineering

APPLICATION FOR INSTALLATION OF INFLAMMABLE LIQUID STORAGE TANKS

Date AUG. 6- 1940

Applicant HAFKE BRO'S. Address 3305 GRATIOT

Owner FEDERAL MOGUL CORP. Address 11031 SHOEMAKER

Address of Installation 11031 SHOEMAKER (IN REAR)
(House Number and Street)

Description of tanks and liquids: (GO DOWN FAIRVIEW TO REAR OF PLANT.)

	Number	Dimensions	Capacity (Gallons)	Kind of Liquid	Flash Point F.
1.	1	66" X 72"	1000	GASOLINE	
2.					
3.					

Do tanks bear Underwriters' Lables ? YES Nature of business BEARING MANUFACTURERS

LOCATION:

Underground YES Under Building NO

Distance to nearest private property line 20 FT.

Distance to nearest basement or pit in any building 12 FT.

Will tanks be encased in 6" of concrete with sand backfill ? NO

Overground Distance to nearest private property line

Distance to nearest tank Kind of dyke

Are tanks outside of fire district?

Does applicant agree to meet all legal requirements?

Date curb cut approved by the Common Council

Hafke Bro's. Max Hafke
(Signature of Applicant)

EXAMINER - Has proposed location been inspected by this department?

Have duplicate blueprints been submitted and approved?

Application approved by [signature] Date Aug 6- 1940

Permit Number 1052 Issued AUG -7-1940

Sup'r

Fire Marshal Division
TANK VEHICLE INSPECTION

Date 7/20, 19 88

City No. 6554 Company No. 69292

Owner CITY OF DET. / WATER & SEWAGE % HENRY WILLIAMS MECH.

Location 11031 SHOEMAKER, DET.

Business Address 735 RANDOLPH, DET. MI. 48226

Tank Truck X Semi-Trailer ____ Full Trailer ____

Total Capacity 1,200 Cl. 1 ☒ Cl. II ☒ Cl. III ☐ Mixed Loads ☒

Capacity of largest compartment 400 GALS.

Valves { External ____ / Internal OK

Shear Section ____

Vents { Normal ____ / Excess Pressure ____

Bumper ____

Wiring ____

Tight Fills ____

Marking of tank ____

Calibration plate ____

Exhaust ____

Fire extinguisher ____

Condition of hose and gaskets ____

Piping ____

Condition of tires ____

Remarks: ____

H. Watts & D. Dixon Inspector

Form C of D—127-IN (Rev. 4-66)

Detroit Fire Department
FIRE MARSHAL DIVISION
250 W. Larned St.
Detroit, Michigan 48226
Phone 224-2063

INSPECTION REPORT

7

Account No. 26-0000-00000-87-001084

Effective Date of Permit 8/01/88

Expiration Date of Permit 7/31/89

Issued to CITY OF DETROIT - WATER & SEWE
CITY OF DETROIT
00735 RANDOLPH
DETROIT MI 48226

Assigned to H. Miller & O. Wilson

Inspected 7/20 19 88

Violation No. NONE

Final reinspection _____ 19 ____

Sr. Inspector _____

Signed H. Miller & O. Wilson

Location XXXXXX 11031 SHOEMAKER

Census Tract 5142

	Amount
190-01-00 TANK VEHICLE(S) 1 TANKS COMPANY NO. CITY NO. 69292 6554	
Total	$

Comments:

LOCATION: 11031 SHOEMAKER

☐ Add new owner ☐ Delete old owner ☒ Other change ☒ No change

Detroit Fire Department
FIRE MARSHAL DIVISION
250 W. Larned St.
Detroit, Michigan 48226
Phone 224-2063

INSPECTION REPORT

9

Account No. 26-0758-01031-87-001084

Effective Date of Permit 8/01/89

Expiration Date of Permit 7/31/90

Issued to CITY OF DETROIT - WATER & SEWE
CITY OF DETROIT
00735 RANDOLPH
DETROIT MI 48226

Assigned to D. Cathi

Inspected 11-16 19 89

Violation No. None

Final reinspection _____ 19 ____

Sr. Inspector _____

Signed D. Cathi

Location 11031 SHOEMAKER

Census Tract 5142

	Amount
190-01-00 TANK VEHICLE(S) 1 TANKS COMPANY NO. CITY NO. 69292 6554	
Total	$

Comments:

☐ Add new owner ☐ Delete old owner ☐ Other change ☑ No change

1B

Sup'r

Fire Marshal Division

TANK VEHICLE INSPECTION

Date 11-16, 1989

City No. 6554 Company No. 69292

Owner City of Detroit - C/O Bob Frud Supv.

Location 11031 Shoemaker 48226

Business Address Same

Tank Truck ✓ Semi-Trailer — Full Trailer —

Total Capacity 1200gal Cl. 1 ☑ Cl. II ☑ Cl. III ☐ Mixed Loads ☑

Capacity of largest compartment 400gal

Valves { External OK
Internal

Shear Section

Vents { Normal
Excess Pressure

Bumper

Wiring

Tight Fills

Marking of tank

Calibration plate

Exhaust

Fire extinguisher

Condition of hose and gaskets

Piping

Condition of tires

Remarks:

D. Cattin / W. Smeltz Inspector

Form C of D—127-IN (Rev. 4-66)

Detroit Fire Department
FIRE MARSHAL DIVISION
250 W. Lamed St.
Detroit, Michigan 48226
Phone 596-2963

INSPECTION REPORT

Rc

9

Account No. 26-0758-01031-87-031084

Effective Date of Permit 8/31/94

Expiration Date of Permit 7/31/95

Issued to CITY OF DETROIT - WATER & SEWE
CITY OF DETROIT-WATER & SEWERA
06425 HUBER AVE
DETROIT MI 48211

Assigned to William Marks

Inspected May 15 19 94

Violation No. —

Final reinspection ____ 19 ____

Sr. Inspector WM

Signed William Marks

Location 11031 SHOEMAKER

Census Tract 5142

	Amount
190-01-00 TANK VEHICLE(S) 2 TANKS COMPANY NO. CITY NO. 69292 6554 29790 64781	
	Total $

4-1 ✓
7-2

Comments:

Delete old address: 11031 Shoemaker

Add new address: 6425 Huber Ave
Water and Sewerage Dept. Central Yard
Ralph Brown - Construction Supt.

☐ Add new owner ☐ Delete old owner ☑ Other change ☐ No change

Fire Marshal Division
TANK VEHICLE INSPECTION

15

Date May 19, 19 94

City No. 6554 Company No. 69292

Owner City of Detroit - Water & Sewerage

Location 6425 Huber

Business Address 735 Randolph

Tank Truck ✓ Semi-Trailer ____ Full Trailer ____

Total Capacity 1200 Cl. 1 ☐ Cl. II ☐ Cl. III ☐ Mixed Loads ☑

Capacity of largest compartment 400 gal

Valves — External OK; Internal ____

Shear Section ____

Vents — Normal ____; Excess Pressure ____

Bumper ____

Wiring ____

Tight Fills ____

Marking of tank ____

Calibration plate ____

Exhaust ____

Fire extinguisher ____

Condition of hose and gaskets ____

Piping ____

Condition of tires ____

Remarks: ____

William Myles
Inspector

Form C of D–127-IN (Rev. 4-66)

Fire Marshal Division
TANK VEHICLE INSPECTION

16

Date May 18, 19 94

City No. 64781 Company No. 29790

Owner City of Detroit Water & Sewerage

Location 6425 Huber

Business Address 735

Tank Truck ✓ Semi-Trailer ____ Full Trailer ____

Total Capacity 1200 Cl. 1 ☑ Cl. II ☐ Cl. III ☐ Mixed Loads ☐

Capacity of largest compartment 400

Valves — External OK; Internal ____

Shear Section ____

Vents — Normal ____; Excess Pressure ____

Bumper ____

Wiring ____

Tight Fills ____

Marking of tank ____

Calibration plate ____

Exhaust ____

Fire extinguisher ____

Condition of hose and gaskets ____

Piping ____

Condition of tires ____

Remarks: ____

William Myles
Inspector

Form C of D–127-IN (Rev. 4-66)

Heavy Repairs

Detroit Fire Department
FIRE MARSHAL DIVISION
250 W. Larned St.
Detroit, Michigan 48226
Phone 596-2963

INSPECTION REPORT

10

Account No. 26-0758-01031-87-001084

Effective Date of Permit 8/01/93

Expiration Date of Permit 7/31/94

Issued to CITY OF DETROIT - WATER & SEWE
CITY OF DETROIT
00735 RANDOLPH
DETROIT MI 48226

Assigned to Poole & Shelly

Inspected Sept. 8, 19 93

Violation No. None

Final reinspection ____ 19 ____

Sr. Inspector C. D. Smith

Signed C. Shelly & C. Poole

Location 11031 SHOEMAKER

Census Tract 5142

	Amount
190-01-00 TANK VEHICLE(S) 1 TANKS COMPANY NO. CITY NO. 69292 6554	
Total	$

Comments:

Note* Moved to Mt. Elliott & Huber
New Location: 6425 HUBER Ave.
Det. MI. 48211
Gilbert N. Lee - Superintendent
Change Permit Read: (2) TANKS
Co. no# 29790 → City no.# 64781
Co. no# 69292 → City no.# 6554

☐ Add new owner ☐ Delete old owner ☑ Other change ☐ No change

Sup'r CDP

Fire Marshal Division
TANK VEHICLE INSPECTION

Date Sept. 8, 19 93

City No. 6554 Company No. 69292

Owner City of Detroit

Location 6425 Huber

Business Address 735 Randolph Det. Mi.

Tank Truck ✓ Semi-Trailer ____ Full Trailer ____

Total Capacity 1200 Cl. 1 ☑ Cl. II ☐ Cl. III ☐ Mixed Loads ☐

Capacity of largest compartment 1200

Valves — External OK. / Internal ____

Shear Section ____

Vents — Normal ____ / Excess Pressure ____

Bumper ____

Wiring ____

Tight Fills ____

Marking of tank ____

Calibration plate ____

Exhaust ____

Fire extinguisher ____

Condition of hose and gaskets ____

Piping ____

Condition of tires OK

Remarks: ____

C Rose & C Shelley. Inspector

Form C of D—127-IN (Rev. 4-66)

Sup CD

Fire Marshal Division
TANK VEHICLE INSPECTION

Date Sept. 8, 19 9_

City No. 64781 Company No. 2979

Owner City of Det.

Location 6425 Huber

Business Address 735 Randolph Det. Mi.

Tank Truck ✓ Semi-Trailer ____ Full Trailer ____

Total Capacity 1200 Cl. 1 ☑ Cl. II ☐ Cl. III ☐ Mixed Loads

Capacity of largest compartment 1200

Valves — External O.K. / Internal ____

Shear Section ____

Vents — Normal ____ / Excess Pressure ____

Bumper ____

Wiring ____

Tight Fills ____

Marking of tank ____

Calibration plate ____

Exhaust ____

Fire extinguisher ____

Condition of hose and gaskets ____

Piping ____

Condition of tires OK

Remarks: ____

C Rose & C Shelley Inspecto

Form C of D—127-IN (Rev. 4-66)

9/28/60

DETROIT FIRE DEPT.

COMPLAINT ☐
REQUEST ☑
SPECIAL ☑

E-111

FIRE PREVENTION DIVISION

Location 11031 SHOEMAKER

Information FEDERAL-MOGUL

WITNESS REMOVAL OF (1) 1000 GAL U.C. GASOLENE TANK

12:00 NOON THURS 9/29/60

OK TO FILE

Made by A. & G. SERVICE Address

Received by LAMBERT Date 9/28/60 19

Phone X Mail Person Time 8:40 A.M. M.

Assigned to Kaczek Date 9-29-60 Time 8:00 A.M.

Radio Telephone Person

Form C of D-58-CO (Rev. 2-60)

Details of investigation

Witnessed removal of 1-1000 gal. underground tank this date. (Next 4000 gal. tank to be installed in its place.)

Date of Investigation 9-29-60 19

Time of Investigation 12 15 ~~A.M.~~ P.M.

Signed Kaczek Inspector

FIRE MARSHAL COPY

Contractor's License No.

City of Detroit

DEPARTMENT OF BUILDINGS AND SAFETY ENGINEERING
Fourth Floor City-County Building — Detroit 26, Michigan — WO 5-4200

No. 4111

APRIL 27, 1962

Permission is hereby granted to SERVICE STATION INDT.

Address 21312 MIDDLEBELT - NEW BOSTON

For installation of GASOLINE STORAGE TANKS

at 11038 SNOWDAKER

Owner BOWER BALL BEARING Address 3240 HART

To be in accordance with the following requirements:

ONE - 10'6" X 16'6" 6,000 GAL. GASOLINE STORAGE TANK

AMOUNT PAID

Bureau of Licenses and Permits

O. DUKE Clerk.

FEE $ 25.00

Form C of D—14-LI (Rev. 9-59 — 2M59)

FIRE MARSHAL COPY

Contractor's License No.

City of Detroit

DEPARTMENT OF BUILDINGS AND SAFETY ENGINEERING
Fourth Floor City-County Building — Detroit 26, Michigan — WO 5-4200

No. 4112

MAY 11, 1962

Permission is hereby granted to SERVICE STATION INDT. COMPANY

Address 21312 MIDDLEBELT - NEW BOSTON

For installation of UNDERGROUND STORAGE TANK

at 11031 SNOWDAKER

Owner BOWER ROLLER BEARING DIV. Address 3240 HART

To be in accordance with the following requirements:

ONE - 10'6"X16'6" - 12,000 GAL. MINERAL SPIRITS

ONE - 10'6"X16'6" - 12,000 GAL. MIXING OIL

AMOUNT PAID

Bureau of Licenses and Permits

O. DUKE Clerk.

FEE $ 50.00

Form C of D—14-LI (Rev. 9-59 — 2M59)

DETROIT FIRE DEPARTMENT
Fire Marshal Division

District No. 5142 Type Inspection FIRE INSP Hour 12:00 M. Date NOV 13 1984

Location 11031 SHOEMAKER Occupied by WATER & SEWERAGE DEPT

Stories 2 NB Construction MASONRY Occupied as INDUSTRIAL

Bldg. owned by CITY OF DETROIT - WATER & SEWERAGE Executive official JERRY BAIL - MGR

Address 11031 SHOEMAKER DET. 48213 Residence address 11031 SHOEMAKER DET 48213

249431

BUILDING

Has bldg. fire walls? YES Are fire wall openings protected? YES

Fire wall doors are: automatic ____ self-closing X manual ____

Are all fire wall fire doors operative? YES Are all other fire doors operative? YES

Are elevator shafts enclosed or open? NONE Do all doors and gates operate properly? NONE

Are all other floor openings, including stairways, protected? NONE

Are all stairwell fire doors self-closing? N/A Were they closed at time of inspection? N/A

Number of exits each floor? 2 EXIT FROM 2ND FLOOR
4 EXIT FROM 1ST FLOOR

Are exits marked? YES Are exits properly maintained? YES

Are exits adequate? YES If not, explain ____

Revolving Doors? N/A Type N/A Operative? N/A

Do floors appear overloaded? NONE What floors? NONE

What is means of access to roof? LADDER FROM INSIDE SKY ROOM

Was roof opening unlocked? YES

How is building heated? HOT WATER STEAM BOILER - OK. OIL FIRED

Condition of heating apparatus, including smoke pipes, heat ducts, etc. (if defective, describe) OK

Condition of electrical wiring? (If defective, explain) OK

General condition of building (structurally)? OK

OCCUPANCY

Housekeeping (If poor, give details) OK

Is elevator pit clean? N/A

Kinds and amounts of inflammable liquids handled? NONE

How and where stored? NONE

Permit? N/A

Any special hazards (material detrimental to firemen)? Give details NONE

Is smoking permitted? YES When and where? DESIGNATED AREA

Location of welding and cutting operations NONE

Any acetylene apparatus? NONE Permit? NONE

Ventilating system? NONE Air conditioning? WINDOW UNIT

Condition of plenum chambers? NONE

Form C of D-78-FO (Rev. 7-63)

120

FIRE PROTECTION

Is there a sprinkler system? YES Wet X Dry

Sources of supply and capacity of each? CITY PRESSURE 75 lbs PSI - 120 HEADS IN BLDG.

Were control valves open? YES Were control valves sealed? YES

Are control valves readily accessible? YES

Is sprinkler distribution obstructed at any point? NO

Condition of outside Fire Dept. connection? OK

Has bldg. a standpipe system? NONE Wet N/A Dry N/A

Source of supply and capacity? NONE

Size and type hose on standpipe? NONE Condition of hose? NONE

Can Fire Dept. use standpipe outlets? NONE

Number, size, type and location of fire extinguishers? 7-2A-10BC. DC

Last service date? 10/87 Condition of extinguishers? OK

Amount, size and type of hose other than on standpipe? NONE

Condition of hose? NONE

Outline procedure for notifying Detroit Fire Dept. in case of fire: PHONE 911

Conditions referred to other Departments? NONE

Regarding violations found, interviewed JERRY BARI Title MGR.

Notice No. NONE issued as follows:

Time required to make inspection: 35 MIN

DENNIS PEARCE Fire Inspector

DETROIT FIRE DEPARTMENT — FIRE MARSHAL DIVISION
GARAGE AND SERVICE STATION INSPECTION

Hour 1335 M

District No. 5142 Date NOV 13 19 87

Location 11031 SHOEMAKER Business name WATER & SEWERAGE DEPT.

Proprietor(s) CITY OF DETROIT WATER & SEWERAGE Owner of property CITY OF DETROIT

Home address 11031 SHOEMAKER DET. 48213 Address of owner 11031 SHOEMAKER DET. 48213

269-6931

GARAGE

Classification: ☒ Repair ☒ Storage ☐ Service

Building

Area per floor _____ Total area 18216 SQ FT

No. stories 1HB Construction MASONRY - STEEL

Firewall doors N/A Stairwell doors N/A

Partition walls YES Ceiling 2" STEEL

Exits 4 EXITS Pits NONE

Mixed occupancy N/A Separation N/A

Heating

Type of heat GAS ~~STEAM~~ HOT UNITS Location of heater 8' OVER HEAD

Separation OK Ducts OK

Open-Flame Devices

Describe NONE

Fuel Gas Torches/Units

Number of torches 1 Permit NO Condition OK

Gas Storage N/A Amount N/A

Permit N/A Condition N/A

Electrical

Condition of wiring OK Fuses OK

Spray painting

Booth or room NONE Electrical NONE Ventilation N/A

Sprinkler system NONE Paint storage N/A

Condition N/A

Housekeeping

General OK Metal receptacles OK

Extinguishers

Number 4 Size 10 LBS Type 2A-10BC. Date NOV 84

SERVICE STATION

Pumps (power-operated) (Pressurized System)

No. in use _____ No. out of use _____

No. of Class I _____ Class II _____ Class III _____

Location _____ Segregated _____

Hose _____ Nozzles _____

Wiring _____ Piping _____

Pressurized system _____ Fire impact valves _____

Pumps (hand-operated)

No. in use _____ Type of liquid _____

Tanks

No. in use _____ Capacity each _____

No. out of use _____ Capacity each _____

Fill pipes

Sizes: #1 _____ #2 _____ #3 _____ #4 _____

Location _____ Identification _____

Protection _____ Tight connection _____

Vents

Sizes: #1 _____ #2 _____ #3 _____ #4 _____

Manifold _____ Size header _____

Type: Automatic _____ Flame arrester _____

Location _____ Discharge _____

Extinguishers

Number _____ Size _____ Type _____ Date _____

Number _____ Size _____ Type _____ Date _____

Type of Station

Retail _____ Pump operators licenses _____

Private _____ Storage permit? _____

Form C of D—171-IN (Rev. 5-67)

Notice No. NONE Issued to Jerry Ball

REMARKS

Diesel Fuel Supplement - 55 Gal Drum - 1
2 - Diesel Fuel 270 Gal A.B.G.T.

Sprinkler System for Bldg - 90 Heads
65 P.S.I. In Gauges Area - OK - Outside
FD Connection - OK

Condition referred to other depts. NONE

Time required to make inspection 55 min

Dennis Pence Fire Inspector

Detroit Fire Department
FIRE MARSHAL DIVISION
250 W. Larned St.
Detroit, Michigan 48226
Phone 224-2063

JB

INSPECTION REPORT

1278

Account No. 26-0758-01031-86-002541

Effective Date of Permit 11/01/88

Expiration Date of Permit 10/31/89

Issued to CITY OF DETROIT-WATER & SEWERA
CITY OF DETROIT
11031 SHOEMAKER
DETROIT MI 48213

Assigned to TRESKA

Inspected 19 JAN. 19 89

Violation No. —

Final reinspection ____ 19 ____

Sr. Inspector Tresk

Signed Tresk

Location 11031 SHOEMAKER

Census Tract 5142

	Amount
050-03-00 FIRE INSPECTION/INDUSTRIAL FLOOR AREA 10,001 - 25,000 SQ FT	
080-03-00 REPAIR & STORAGE GARAGE 18216 SQ. FT-REPAIR & STORAGE GAR.	
storage of F.L. to 101-500 gal.	
Total	$

Comments:

267-0730

ADD: STORAGE OF FLAMMABLE LIQUIDS
LIQUIDS 101-500 GAL.

☐ Add new owner ☐ Delete old owner ☑ Other change ☐ No change

GATOR CL CFRH + FA S'UP w/wic

1 + NB

X-111

GUARD MOUNTED THERMAL

1-300 GAL. AG. TANK

2-175 A.G. NOZZLE

2-175 " INSECTICIDE

(SPIRAL THRU CUT) SUBIC-11

B-8b

OFFICIAL OF SB w/wic

X-2M-11

1ST-1111 (W.D.)

1-89

SUBIC-1

S/L — C. PINSON — SUPER

DETROIT FIRE DEPARTMENT — FIRE MARSHAL DIVISION
GARAGE AND SERVICE STATION INSPECTION

Hour 1405-1450 M

Date 19 JAN. 1989

District No. 5142

Location 11031 SHOEMAKER

Business name DEPT. OF WATER & SEWAGE

Proprietor(s) C. PINSON - SUPER.

Owner of property CITY OF DETROIT

Home address 11031 SHOEMAKER, DET. 48213

Address of owner (SAME)

267-0730

Form C of D-171-IN (Rev. 5-67)

GARAGE

Classification: ☒ Repair ☐ Storage ☐ Service

Building

Area per floor 18216 #' Total area 18216 #'

No. stories 1 FMB Construction MASONARY/MILL

Firewall doors YES Stairwell doors NONE

Partition walls MASONARY Ceiling MILL

Exits 3 Pits NONE

Mixed occupancy NONE Separation —

Heating GAS FIRED RADIANT

Type of heat UNITS Location of heater 12'UP

Separation OK Ducts N/A

Open-Flame Devices

Describe NONE

Fuel Gas Torches/Units

Number of torches 0 Permit — Condition —

Gas Storage — Amount —

Permit — Condition —

Electrical

Condition of wiring OK Fuses OK

Spray painting

Booth or room NONE Electrical — Ventilation —

Sprinkler system — Paint storage —

Condition —

Housekeeping

General OK Metal receptacles YES

Extinguishers

Number 8 Size 80BC Type DC Date 3-88

SERVICE STATION

Pumps (power-operated) (Pressurized System)

No. in use — No. out of use —

No. of Class I — Class II — Class III —

Location — Segregated —

Hose — Nozzles —

Wiring — Piping —

Pressurized system — Fire impact valves —

Pumps (hand-operated)

No. in use 2 Type of liquid DIESEL FUEL #II

Tanks

No. in use 2 Capacity each 20-OGAL. A.G. DIESEL

No. out of use 0 Capacity each —

Fill pipes

Sizes: #1 2" #2 2" #3 — #4 —

Location OK Identification OK

Protection OK Tight connection OK

Vents

Sizes: #1 2" #2 2" #3 — #4 —

Manifold NONE Size header —

Type: Automatic YES Flame arrester YES

Location OK Discharge OK

Extinguishers

Number 1 Size 80 BC Type DC Date 3-88

Number — Size — Type — Date —

Type of Station

Retail — Pump operators licenses —

Private ✓ Storage permit? YES

Notice No. — Issued to —

REMARKS

S/W - C. PINSON - SUPR

CBLDG. SPRNK. PATIN OUT. SEE BLDG. REPORT FOR SAME LOCATION.

Condition referred to other depts. NONE

Time required to make inspection 45 min.

Fire Inspector

DETROIT FIRE DEPARTMENT
Fire Marshal Division

District No. 5142 Type Inspection FIRE Hour 1535 M. Date 17 JAN. 1989

Location 11031 SHOEMAKER Occupied by DEPT. OF WATER & SEWERAGE

Stories 2 + NB Construction MASONARY / MILL Occupied as OFFICES

Bldg. owned by CITY OF DETROIT Executive official C. PINSON - SUPER.

Address 11031 SHOEMAKER, DETROIT 48213 Residence address (SAME)

267-0730

BUILDING

Has bldg. fire walls? YES Are fire wall openings protected? YES

Fire wall doors are: automatic — self-closing ✓ manual —

Are all fire wall fire doors operative? YES Are all other fire doors operative? YES

Are elevator shafts enclosed or open? NONE Do all doors and gates operate properly? —

Are all other floor openings, including stairways, protected? NO (WOOD DOORS)

Are all stairwell fire doors self-closing? NONE Were they closed at time of inspection? —

Number of exits each floor? 2-2ND, 3-1ST

Are exits marked? YES Are exits properly maintained? YES

Are exits adequate? YES If not, explain —

Revolving Doors? NONE Type — Operative? —

Do floors appear overloaded? NO What floors? —

What is means of access to roof? NONE

Was roof opening unlocked? —

How is building heated? GAS FIRED STEAM BOILER

Condition of heating apparatus, including smoke pipes, heat ducts, etc. (if defective, describe) OK

Condition of electrical wiring? (If defective, explain) OK

General condition of building (structurally)? OK

OCCUPANCY

Housekeeping (If poor, give details) OK

Is elevator pit clean? —

Kinds and amounts of inflammable liquids handled? (SEE PUMP SHEET)

How and where stored? —

Permit? —

Any special hazards (material detrimental to firemen)? Give details NONE

Is smoking permitted? YES When and where? THRU OUT

Location of welding and cutting operations NONE

Any acetylene apparatus? NONE Permit? —

Ventilating system? PROPER Air conditioning? WINDOW UNITS

Condition of plenum chambers? NONE

Form C of D-78-FO (Rev. 7-63)

(CHANGE) FIRE PROTECTION

Is there a sprinkler system? YES Wet ✓ Dry —

Sources of supply and capacity of each? CITY PRESSURE + DFD CONNECTION (BLDG. SPRNK. THRU OUT).

Were control valves open? YES Were control valves sealed? YES

Are control valves readily accessible? YES

Is sprinkler distribution obstructed at any point? NO

Condition of outside Fire Dept. connection? OK

Has bldg. a standpipe system? NONE Wet — Dry —

Source of supply and capacity? —

Size and type hose on standpipe? — Condition of hose? —

Can Fire Dept. use standpipe outlets? —

Number, size, type and location of fire extinguishers? 4-80BC OC 2ND FLOOR + 1ST FLOOR,

Last service date? 3-88 Condition of extinguishers? OK

Amount, size and type of hose other than on standpipe? NONE

Condition of hose? —

Outline procedure for notifying Detroit Fire Dept. in case of fire: PHONE + SPRNK. ALARM.

Conditions referred to other Departments? NONE

Regarding violations found, interviewed C. PINSON Title SUPER

Notice No. — issued as follows: —

Time required to make inspection: 45 MIN.

Fire Inspector

Detroit Fire Department
FIRE MARSHAL DIVISION
250 W. Larned St.
Detroit, Michigan 48226
Phone 224-2063

JB

INSPECTION REPORT

Account No. 26-758-16-87-1084

Effective Date of Permit

Expiration Date of Permit

Issued to city of Det. - water & sewerage
735 Randolph
Det. mi 48226

Assigned to Tutak & Wilson

Inspected 7-14 1987

Violation No. none

Final reinspection _____ 19____

Sr. Inspector [signature]

Signed P. Tutak + D. Wilson

Location 11031 Shoemaker

Census Tract ~~5142~~ 5142

	Amount
Tank vehicles 1 vehicle company # 69292 city # 6554	
Total	$

Comments:

- Add new owner
- Delete old owner
- Other change
- No change

Detroit Fire Department
FIRE MARSHAL DIVISION
250 W. Larned St.
Detroit, Michigan 48226
Phone 224-2063

INSPECTION REPORT

732

Account No. 26-1476-0017-96-[illegible]911

Effective Date of Permit 2/01/86

Expiration Date of Permit 7/31/87

Issued to CITY OF DETROIT-WATER & SEWERA
CITY OF DETROIT
[illegible]775 RANDOLPH
DETROIT MI 48226

Assigned to D. Wilson, P. TUTAK

Inspected 7-14 19 87

Violation No. ~~64468-69~~ none

Final reinspection 19

Sr. Inspector

Signed D. Wilson, P. Tutak

Location 1555 ERSKINE

Census Tract 5177

	Amount
190-01-[illegible] TANK VEHICLE(S) 1 TANKS COMPANY NO. CITY NO. [illegible]5911 6554	
Total	$

Comments:

First
#5911 to 6554 city is out of service
In its place #[illegible] to 87-7 city # 6554
Change location to 11031 24th street
* new billing required

☐ Add new owner ☐ Delete old owner ☒ Other change ☐ No change

Detroit Fire Department
FIRE MARSHAL DIVISION
250 W. Larned St.
Detroit, Michigan 48226
Phone 224-2063

INSPECTION REPORT

317

Account No.
26-0474-0013-86-000911

Effective Date of Permit
8/01/87

Expiration Date of Permit
7/31/88

Issued to
CITY OF DETROIT-WATER & SEWERA
CITY OF DETROIT
00735 RANDOLPH
DETROIT MI 48226

Assigned to D. Wilson, P. Tuttle

Inspected 7-14 19 87

Violation No. 61468-69

Final reinspection ____ 19 ____

Sr. Inspector

Signed D. Wilson, P. Tuttle

Location
1555 ERSKINE

Census Tract
5177

	Amount
190-01-00 TANK VEHICLE(S) 1 TANKS COMPANY NO. 39891 CITY NO. 6034	
Total	$

Comments:

DUPLICATE — CANCEL

- [ ] Add new owner
- [ ] Delete old owner
- [x] Other change
- [ ] No change

Sup'r

Fire Marshal Division
TANK VEHICLE INSPECTION

Date 7-14, 1987

City No. 6554 Company No 69292

Owner City of Detroit water + sewerage

Location 11031 Shoemaker

Business Address 735 Randolph Det 48226

Tank Truck 1 Semi-Trailer ____ Full Trailer ____

Total Capacity 1275 gal Cl. 1 ☒ Cl. II ☒ Cl. III ☐ Mixed Loads ☒

Capacity of largest compartment 425 gal.

Valves { External ok / Internal ok

Shear Section ok

Vents { Normal ok / Excess Pressure ok

Bumper ok

Wiring ok

Tight Fills ok

Marking of tank ok

Calibration plate ok

Exhaust ok

Fire extinguisher ok

Condition of hose and gaskets ok

Piping ok

Condition of tires ok

Remarks: HC. fire prev. talk

Tutsk + Swidson Inspector

Form C of D–127-IN (Rev. 4-66)

Detroit Fire Department
FIRE MARSHAL DIVISION
250 W. Lamed St.
Detroit, Michigan 48226
Phone 224-2063

INSPECTION REPORT

1339

Account No. 26-0758-0016-86-002541

Effective Date of Permit 11/01/87

Expiration Date of Permit 10/31/88

Issued to CITY OF DETROIT-WATER & SEWERA
CITY OF DETROIT
11031 SHOEMAKER
DETROIT MI 48213

Assigned to H. WHITE

Inspected 9/15/ 19 87

Violation No. NONE

Final reinspection ____ 19 ____

Sr. Inspector ____

Signed Herbert K. White

Location 11031 SHOEMAKER

Census Tract 5142

	Amount
050-03-00 FIRE INSPECTION/INDUSTRIAL FLOOR AREA 10,001 - 25,000 SQ FT	
080-03-00 REPAIR & STORAGE GARAGE 18216 SQ. FT-REPAIR & STORAGE GAR.	
Total	$

Comments:

267-7025

☐ Add new owner ☐ Delete old owner ☒ Other change ☐ No change

Detroit Fire Department
FIRE MARSHAL DIVISION
250 W. Lamed St.
Detroit, Michigan 48226
Phone 224-2063

INSPECTION REPORT "C"

43/13

Account No 26 - 158 - 16 - 86 - 2541

Effective Date of Permit

Expiration Date of Permit

Issued to DETROIT WATER SEWAGE
CLARENCE PENSON
11031 SHOEMAKER
DET. MI 48213

Assigned to

Inspected 9-22 - 1986

Violation No. NONE

Final reinspection 19

Sr. Inspector

Signed

Location 11031 SHOEMAKER

Census Tract 5142

	Amount
NEW BILLING FOR FIRE INSP. 11,000 SQ'	050-03-00
NOW BILLING FOR REP. GAR. 18,216 SQ'	080-03-00
Total	$

Comments:

PHONE # 267-2025

☐ Add new owner ☐ Delete old owner ☒ Other change ☐ No change

E-111

Fire Marshal Division

New Permit Billing Data

Location 1031 Shoemaker

Firm Name Grinder Clearance House

Proprietor(s) Frank Horn President

Mailing Address 2679 Conway 48315

Date Inspected 3-19-74 By Jaumba

Indicate kind and quantities of inflammable liquids and/or equipment for which no permit could be shown; if garage or greasing station, indicate area; if gasoline station, number of pumps in use, etc.

Cl I 6 to 10 gallons U.G. tank gasoline

Cl III 12 to 60 " " " "

~~Total 75 gal. gasoline~~

1031 SHOEMAKER

Type Permits Required Flammable Liquid Storage 500 to 25,000

Violation Notices No. None are pending against these premises.

Withhold Following Permits

Until Notices No. _____ have been complied with.

Notices Complied _____ (Date) OK'd by _____

FOR OFFICE USE ONLY:

Invoice for Filled Underwd for 1975 to Gr. A-73397 (4-3-74)

(Mr. Horn - Invoiced Permit & Storage) Permit(s)

Records Checked for Current Permit? ✓

Invoiced _____ By _____ Card OK ✓

Form C of D-8-DA (Rev. 9-64)

A

1

PERMIT

No. B 35118

Detroit Fire Department
FIRE MARSHAL DIVISION
250 W. Larned St.
Detroit, Michigan 48226

Phone ~~XXX-XXXX~~ 224-2063

MARCH 24 19 78

Permit For FLAMABLE LIQUID STORAGE

Effective APRIL 1, 1978

Issued to

CENTURY TRUSS CO
RON BERGERON
11031 SHOEMAKER 48213

If any person, firm or corporation shall violate any of the provisions of the ordinances regulating the storage, handling and use of the materials covered by this permit, or any other fire regulations or ordinances, the Fire Marshal, acting for the Board of Fire Commissioners, shall have authority to cancel this permit.

Location 11031 SHOEMAKER

District E 111

PERMIT NO.

Amount

AF

STORAGE OF FLAMMABLE LIQUIDS
NOT EXCEEDING 100 GALLONS 15.00
(SUBJECT TO INSPECTION LIMITATIONS)

Not Valid Without Departmental Stamps

Cancel Mldg Vacant as per Insp Zaremba 8-17-78

CANCELLED AUG 17 1978

This permit expires MARCH 31, 1979

Total $ 15.00

Form-C of D-19-PE

THIS PERMIT MUST BE POSTED IN A CONSPICUOUS PLACE WITHIN THE PREMISES AT THE ABOVE LOCATION

DETROIT FIRE DEPT.

COMPLAINT ☐ FIRE INVEST. ☐ 7-27-78 | E-111
REQUEST ☐ ZONING ☐
SPECIAL ☑ SPRINKLER/ STANDPIPE ☐

FIRE MARSHAL DIVISION

Location 11031 Shoemaker (Century Truss Co.)

Information Delinquent on # 35118 Sq. Ft. Letter sent returned stating not at this address moved July 1978. Inspect location & verify for possible cancellation of permit. Of new owner issue new building. Last date inspected 4-4-77

Made by _____ Address _____

Received by Mr Keeling 100 gal Date Returned D. Lynch To _____

Phone _____ Mail _____ Person _____ Time _____ M.

Assigned to _____ Date _____ Time _____

Radio _____ Telephone _____ Person _____

Form C of D–58 CO (Rev. 4-69)

Details of investigation Bldg vacant

Cancel all permits

OK to file

Date of Investigation 8-1 19 78

Time of Investigation 1500 { A.M. P.M.

Signed _____ Inspector

DETROIT FIRE DEPARTMENT — FIRE MARSHAL DIVISION
GARAGE AND SERVICE STATION INSPECTION

Hour 1530 M

Date 9-22- 1986

District No. 5142

Location 11031 SHOEMAKER

Business name DETROIT WATER SEWAGE DEPT.

Proprietor(s) CLARENCE PENSON 267-7025

Owner of property CITY OF DETROIT

Home address 11031 SHOEMAKER DET MI

Address of owner 11031 SHOEMAKER DET MI

Form C of D—171-IN (Rev. 5-67)

GARAGE

Classification: [X] Repair [ ] Storage [ ] Service

Building

Area per floor — Total area 18,216 01

No. stories 1NB. Construction MASONRY & STEEL

Firewall doors NO Stairwell doors NO

Partition walls NO Ceiling STEEL

Exits 2 Pits NO

Mixed occupancy NO Separation —

Heating

Type of heat GAS- FORCED AIR Location of heater 8' UP-

Separation — Ducts —

Open-Flame Devices

Describe NONE

Fuel Gas Torches/Units

Number of torches 1 Permit NEW BILLING Condition OK

Gas Storage NO Amount 524 Cu Ft

Permit NOT REQ. Condition OK

Electrical

Condition of wiring OK Fuses OK

Spray painting

Booth or room NO Electrical — Ventilation —

Sprinkler system — Paint storage —

Condition —

Housekeeping

General OK Metal receptacles YES

Extinguishers

Number 6 Size 15 lb. Type ABC Date 9-86

SERVICE STATION

Pumps (power-operated) (Pressurized System)

No. in use — No. out of use —

No. of Class I — Class II — Class III —

Location — Segregated —

Hose — Nozzles —

Wiring — Piping —

Pressurized system — Fire impact valves —

HAZ. MAT.

Pumps (hand-operated)

No. in use — Type of liquid —

Tanks

No. in use — Capacity each —

No. out of use — Capacity each —

Fill pipes

Sizes: #1 — #2 — #3 — #4 —

Location — Identification —

Protection — Tight connection —

Vents

Sizes: #1 — #2 — #3 — #4 —

Manifold — Size header —

Type: Automatic — Flame arrester —

Location — Discharge —

Extinguishers

Number — Size — Type — Date —

Number — Size — Type — Date —

Type of Station

Retail — Pump operators licenses —

Private — Storage permit? —

Notice No. NONE Issued to CLARENCE PENSON

4/6 x 4

REMARKS

NONE.

Condition referred to other depts. NONE

Time required to make inspection 30 MIN.

Fire Inspector

DETROIT FIRE DEPARTMENT — FIRE MARSHAL DIVISION
GARAGE AND SERVICE STATION INSPECTION

RJ

District No. 5142 Hour 1410 M

Date 9/15/ 19 87

Location 11031 SHOEMAKER Business name CITY OF DETROIT - WATER & SEWAGE

Proprietor(s) SAME → Owner of property CITY OF DETROIT

Home address SAME → Address of owner % 11031 SHOEMAKER, DET. MI. 48213

#267-7025

GARAGE

Classification: ☒ Repair ☒ Storage ☐ Service

Building

Area per floor — Total area 18216#

No. stories ✓ Construction MASONRY & STEEL FRAME

Firewall doors YES / O.K. Stairwell doors N/A

Partition walls NONE Ceiling MASONRY

Exits 2 Pits NONE

Mixed occupancy YES Separation 1-HR SEPARATION FIRE DOOR

Heating GAS FIRED FAN

Type of heat ASSIST HEATERS Location of heater 8' ABOVE FLOOR

Separation — Ducts NONE

Open-Flame Devices

Describe NONE

Fuel Gas Torches/Units

Number of torches NONE Permit — Condition

Gas Storage — Amount

Permit Condition

Electrical

Condition of wiring OK Fuses OK

Spray painting

Booth or room NONE Electrical — Ventilation

Sprinkler system — Paint storage

Condition

Housekeeping

General OK Metal receptacles OK

Extinguishers

Number 8 Size 15LB Type D/C Date GAGE LEAD SEAL O/K

SERVICE STATION

Pumps (power-operated) (Pressurized System)

No. in use No. out of use

No. of Class I Class II Class III

Location Segregated

Hose Nozzles

Wiring Piping

Pressurized system Fire impact valves

Pumps (hand-operated)

No. in use Type of liquid

Tanks

No. in use Capacity each

No. out of use Capacity each

Fill pipes

Sizes: #1 #2 #3 #4

Location Identification

Protection Tight connection

Vents

Sizes: #1 #2 #3 #4

Manifold Size header

Type: Automatic Flame arrester

Location Discharge

Extinguishers

Number Size Type Date

Number Size Type Date

Type of Station

Retail Pump operators licenses

Private Storage permit?

Form C of D-171-IN (Rev. 5-67)

Notice No. NONE Issued to C. PERSON / SUPERVISOR

4-55 GALS CONTAINERS OF C-III B
LOCATED FRONT END OF BLDG. IN
SEALED METAL CONTAINERS STORED
ON FLOOR

REMARKS

Condition referred to other depts. NONE

Time required to make inspection 60 MIN

Albert K Chan
Fire Inspector

DETROIT FIRE DEPARTMENT
Fire Marshal Division

District No. 5142 Type Inspection Prev. Insp. Rep. Gar Hour 1530 M. Date 9-22- 1986

Location 11031 SHOEMAKER Occupied by DETROIT WATER & SEWAGE DEPT.

Stories INB Construction MASONRY & FRAME Occupied as OFFICE / STORAGE & REP. GARAGE

Bldg. owned by CITY OF DET. M Executive official CHARLES LEAGUE 267-7015

Address 11031 SHOEMAKER DET. MI Residence address 11031 SHOEMAKER DET. MI 48213

Form C of D-78-FO (Rev. 7-63)

BUILDING

Has bldg. fire walls? No Are fire wall openings protected? —

Fire wall doors are: automatic — self-closing — manual —

Are all fire wall fire doors operative? No Are all other fire doors operative? NONE

Are elevator shafts enclosed or open? No Do all doors and gates operate properly? —

Are all other floor openings, including stairways, protected? No

Are all stairwell fire doors self-closing? No Were they closed at time of inspection? —

Number of exits each floor? 2 - FROM 1ST

Are exits marked? YES Are exits properly maintained? YES

Are exits adequate? YES If not, explain —

Revolving Doors? No Type — Operative? —

Do floors appear overloaded? No What floors? —

What is means of access to roof? No

Was roof opening unlocked? —

How is building heated? GAS - FORCED AIR, RADIANT

Condition of heating apparatus, including smoke pipes, heat ducts, etc. (if defective, describe) OK

Condition of electrical wiring? (If defective, explain) OK

General condition of building (structurally)? OK

OCCUPANCY

Housekeeping (If poor, give details) OK

Is elevator pit clean? No

Kinds and amounts of inflammable liquids handled? NONE

How and where stored? —

Permit? —

Any special hazards (material detrimental to firemen)? Give details No

Is smoking permitted? YES When and where? THRU-OUT

Location of welding and cutting operations NONE

Any acetylene apparatus? NONE Permit? —

Ventilating system? NONE Air conditioning? No

Condition of plenum chambers? NO

FIRE PROTECTION

Kind of sprinkler system? Wet Yes Wet Yes Dry —

Sources of supply and capacity of each? City Water Supply 55 Psi
D.F.D. Conn

Were control valves open? Yes Were control valves sealed? Yes

Are control valves readily accessible? Yes

Is sprinkler distribution obstructed at any point? No

Condition of outside Fire Dept. connection? OK

Has bldg. a standpipe system? No Wet — Dry —

Source of supply and capacity? —

Size and type hose on standpipe? — Condition of hose? —

Can Fire Dept. use standpipe outlets? —

Number, size, type and location of fire extinguishers? Sufficient Amount

Last service date? 9-86 Condition of extinguishers? OK

Amount, size and type of hose other than on standpipe? No

Condition of hose? —

Outline procedure for notifying Detroit Fire Dept. in case of fire: 911 Phone

Conditions referred to other Departments? None

Regarding violations found, interviewed Charles Hagan Title Asst Fire

Notice No None issued as follows: —

Time required to make inspection: 30 min

J. Lucas

Fire Inspector

DETROIT FIRE DEPARTMENT
Fire Marshal Division

District No. 5142 Type Inspection FID Hour 1410 M. Date 9/15/ 1987

Location 11031 SHOEMAKER, DET. MI. 48213 Occupied by CITY OF DETROIT - WATER & SEWAGE

Stories 2 & NB Construction MASONRY & STEEL FRAME Occupied as OFFICE AREA

Bldg. owned by CITY OF DETROIT Executive official C. PINSON - SUPERVISER

Address c/o 11031 SHOEMAKER, DET. MI. 48213 Residence address — SAME

#267-7025

BUILDING

Has bldg. fire walls? YES Are fire wall openings protected? YES

Fire wall doors are: automatic — self-closing ✓ manual —

Are all fire wall fire doors operative? YES Are all other fire doors operative? NONE

Are elevator shafts enclosed or open? NONE Do all doors and gates operate properly? —

Are all other floor openings, including stairways, protected? NO, PARTIAL REAR ONLY WOOD DOORS

Are all stairwell fire doors self-closing? — Were they closed at time of inspection? —

Number of exits each floor? 2ND FLOOR - 2

1ST FLOOR - 2

Are exits marked? YES Are exits properly maintained? YES

Are exits adequate? YES If not, explain —

Revolving Doors? NONE Type — Operative? —

Do floors appear overloaded? NO What floors? —

What is means of access to roof? NONE

Was roof opening unlocked? —

How is building heated? EDISON STEAM

Condition of heating apparatus, including smoke pipes, heat ducts, etc. (if defective, describe) OK

Condition of electrical wiring? (If defective, explain) O/K

General condition of building (structurally)? O/K

OCCUPANCY

Housekeeping (If poor, give details) OK

Is elevator pit clean?

Kinds and amounts of inflammable liquids handled? NONE

How and where stored? —

Permit? —

Any special hazards (material detrimental to firemen)? Give details NONE

Is smoking permitted? YES When and where? THUR - OUT

Location of welding and cutting operations NONE

Any acetylene apparatus? N/A Permit? —

Ventilating system? NONE Air conditioning? YES

Condition of plenum chambers? NONE

Form C of D-78-FO (Rev. 7-63)

FIRE PROTECTION

Is there a sprinkler system? MAJOR YES Wet ✓ Dry —

Sources of supply and capacity of each? DOMESTIC (CITY WATER) AND SIAMESE CONN.

Were control valves open? YES Were control valves sealed? YES

Are control valves readily accessible? YES

Is sprinkler distribution obstructed at any point? NO

Condition of outside Fire Dept. connection? YES

Has bldg. a standpipe system? NONE Wet — Dry —

Source of supply and capacity? —

Size and type hose on standpipe? — Condition of hose? —

Can Fire Dept. use standpipe outlets? —

Number, size, type and location of fire extinguishers? 2ND FLOOR - 2 - 15LB D/C
1ST FLOOR - 4 - 15LB D/C

Last service date? CASE REMODELING Condition of extinguishers? OK

Amount, size and type of hose other than on standpipe? NONE

Condition of hose? —

Outline procedure for notifying Detroit Fire Dept. in case of fire: TELEPHONE - 911

Conditions referred to other Departments? NONE

Regarding violations found, interviewed C. PINSON Title SUPERVISOR

Notice No. NONE issued as follows: —

Time required to make inspection: 60 MIN

Herbert K. Clute Fire Inspector

BOWER ROLLER BEARING DIVISION
FEDERAL-MOGUL CORPORATION

February 28, 1966

City of Detroit
Fire Department
Fire Marshal Division
250 W. Larned Street
Detroit 26, Michigan

ATTENTION: Mr. Bernard F. DeCoster

Gentlemen:

As per Article 12, Official Building Code of City of Detroit, I am submitting certification on sprinkler, standpipe, and fire alarm systems.

Yours truly,

BOWER ROLLER BEARING DIVISION
Federal-Mogul Corporation

Thomas Meloche

Thomas Meloche
Plant Engineer
Shoemaker Plant

TM:aw

Enclosure

3/1/66
Recorded
Mc Bride

11031 SHOEMAKER AVE. • DETROIT, MICHIGAN 48213 • PHONE: (313) 921-0750

Wm. Crook
FIRE PROTECTION CO. 211 E. LINCOLN, ROYAL OAK, MICHIGAN 48067. LI. 3-6888

February 24, 1966

Bower Roller Bearing Division
Federal-Mogul Corporation
11031 Shoemaker Ave.
Detroit, Michigan 48213

Re: Federal Mogul Corporation
Bower Roller Bearing Division
11031 Shoemaker Ave.
Detroit, Michigan

Gentlemen:

We have made an inspection of the Automatic Sprinkler System at the above plant on February 24, 1966, and found the system in good working order. The water actuated alarm bells work good. Water flow is good. Water pressure is 65#. The system is fed from two city water main connections in Shoemaker Avenue, and one city water main connection in Fairview Avenue, corner of Olga.

The three Siamese connections- two on Shoemaker and one on Olga Street- have 2½" Detroit Fire Department thread.

Mr. Tom Maloche is plant Fire Chief and has a regular fire brigade. Plant protection men are all trained and organized as to the location of shutoff valves and drain valves controlling the four Automatic Sprinkler Systems in the plant, complying with city Fire Code Ordinance #12.

Very truly yours,

WM. CROOK FIRE PROTECTION CO.

William F. Crook

WFC/cp

William F. Crook

Detroit Fire Department
FIRE MARSHAL DIVISION
250 W. Larned St.
Detroit, Michigan 48226
Phone 596-2963

INSPECTION REPORT

9

Account No. 26-0758-01031-87-001084

Effective Date of Permit 8/01/91

Expiration Date of Permit 7/31/92

Issued to CITY OF DETROIT - WATER & SEWE
CITY OF DETROIT
00735 RANDOLPH
DETROIT MI 48226

Assigned to [illegible]

Inspected [illegible] 19 [illegible]

Violation No. [illegible]

Final reinspection [illegible] 19 [illegible]

Sr. Inspector C. D. Smith

Signed [illegible]

Location 11G51 SHOEMAKER

Census Tract 5142

	Amount
190-01-00 TANK VEHICLE(S) 1 TANKS COMPANY NO. CITY NO. 69292 6554	
Total	$

Comments:

[illegible] HOLD [illegible]
[illegible] [illegible]
ADD:
[illegible] [illegible]
[illegible] 6666

☐ Add new owner ☐ Delete old owner ☒ Other change ☐ No change

Sup'r
CDS

Fire Marshal Division
TANK VEHICLE INSPECTION

Date 25 JUNE, 19 71

City No. 6666 Company No. 87 7151

Owner CITY OF DETROIT - D.P.W.

Location 2633 MICHIGAN, DET.

Business Address (SAME)

Tank Truck ✓ Semi-Trailer ____ Full Trailer ____

Total Capacity 1500 Cl. 1 ☐ Cl. II ☐ Cl. III ☒ Mixed Loads ☐

Capacity of largest compartment 500 GAL.

Valves { External OK
Internal

Shear Section

Vents { Normal
Excess Pressure

Bumper

Wiring

Tight Fills

Marking of tank

Calibration plate

Exhaust

Fire extinguisher 1-20 BC OC

Condition of hose and gaskets

Piping

Condition of tires

Remarks:

Paul A. Decker *Inspector*

Form C of D–127-IN (Rev. 4-66)

APPENDIX K

FINAL PHASE II ENVIRONMENTAL SITE ASSESSMENT

PEREGRINE FALCON - SITE 7C
FORMER FEDERAL MOGUL FACILITY
11031 AND 11081 SHOEMAKER STREET
DETROIT, MICHIGAN 48213

PREPARED FOR:
CITY OF DETROIT BROWNFIELD REDEVELOPMENT AUTHORITY
500 GRISWOLD STREET, SUITE 2200
DETROIT, MICHIGAN 48226
ATTENTION: MR. CLEVELAND DAILEY

PREPARED BY:
DLZ MICHIGAN, INC.
607 SHELBY STREET, SUITE 650
DETROIT, MICHIGAN 48226

DLZ PROJECT NO.: 1842-6846-00

ARCHITECTURE • ENGINEERING • PLANNING
SURVEYING • CONSTRUCTION SERVICES

APRIL 2019

Final
Phase II Environmental Site Assessment

Peregrine Falcon – Site 7C
Former Federal Mogul Facility
11031 and 11081 Shoemaker Street
Detroit, Michigan 48213

Prepared for
City of Detroit Brownfield Redevelopment Authority
500 Griswold Street, Suite 2200
Detroit, Michigan 48226
Attention: Mr. Cleveland Dailey

Prepared by
DLZ Michigan, Inc.
607 Shelby Street, Suite 650
Detroit, Michigan 48226

DLZ Project No.: 1842-6846-00

April 2019

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EXECUTIVE SUMMARY

DLZ Michigan, Inc. was retained by the Detroit Brownfield Redevelopment Authority (DBRA) to conduct a Phase II Environmental Site Assessment (ESA) of the former Federal Mogul Plant #1 and #2 properties located at 11031 and 11081 Shoemaker Street in Detroit, Wayne County, Michigan, hereinafter referred to as the Subject Property.

The Subject Property consists of approximately 14.42 acres of land. The 11031 Shoemaker St. portion of the Subject Property contains approximately 9.89 acres of land and is owned by the City of Detroit and contains an approximately 55,000 square foot abandoned building. The 11081 Shoemaker St. portion of the Subject Property contains approximately 4.53 acres of land and is owned by the Detroit Water and Sewerage Department (DWSD). Two large soil stockpiles are present on the 11081 Shoemaker St. portion of the Subject Property, and two smaller stockpiles are present at 11031 Shoemaker St. to the northwest of the larger stockpiles. Debris piles consisting of bricks, wood, tires, etc. are located throughout the Subject Property. Residential, municipal, and industrial land-uses adjoin the Subject Property. The elevation of the Subject Property is approximately 600 to 610 feet above mean sea level.

A Phase I ESA was conducted at the Subject Property by DLZ in November and December of 2018 in which several Recognized Environmental Conditions (RECs) were identified and recommended for further investigation, which prompted this Phase II ESA. The RECs identified during the Phase I ESA included:

- Historical operations on the Subject property included Federal Mogul Plant #1 and #2, railroad spurs, machine shops, soldering, lead foundries, babbitting, a garage, fuel supply, warehouses, dynamometer, an oil house, power house, a transformer room, a filling station, coal shed, coal silos, coal yard, and refuse burner, in addition to the presence of both underground storage tanks (USTs) and above ground storage tanks (ASTs). Because of known or suspected historical operations, including the storage, use and generation of hazardous substances, the historical operations represent RECs.

- The sites of known or potential contamination identified in the Environmental Data Resources (EDR) report located on the Subject Property, as well as the north and south adjoining LUST sites represent RECs with respect to the Subject Property.

- Historical uses of adjoining properties as a garbage and refuse incinerator, streetcar yard, a garage, and for manufacturing operations represent RECs regarding the Subject Property.

- The presence of polynuclear aromatics (PNAs), trichloroethylene (TCE) and polychlorinated biphenyls (PCBs) on the property as documented through an Activity and Use Limitation (AUL) represents a controlled REC.

- The documented presence of arsenic, copper, and lead above Generic Residential Cleanup Criteria (GRCC) for direct contact in soils on the Subject Property represents a REC.

- During the site reconnaissance, DLZ observed waste within the soil stockpiles including plastic piping, bricks, and concrete. In addition, approximately 30,000-cubic yards of soil material may

- be present at the Subject Property within the two larger soil stockpiles. Due to the unknown nature and origin of the soil within the stockpiles, they are considered RECs.

- The inability to observe a majority of the ground surface during the walkover as a result of the soil stockpiles represents both a limitation and a significant data gap. The significant data gap is considered to be a REC.

A Phase II ESA Work Plan was submitted to City of Detroit, Buildings, Safety Engineering and Environmental Department (BSEED) for review and approval prior to mobilization. Phase II ESA field activities were conducted at the Subject Property between February 28 and March 8, 2019. During the Phase II ESA, a total of 60 soil borings were advanced at the Subject Property including 44 subsurface borings, 9 borings atop the North Stockpile and 7 borings atop the South Stockpile. Twelve additional borings were advanced on March 19, 2019 to collect near-surface (0-2') composite soil samples for waste characterization purposes (SB-45 to SB-56). The soil samples were screened for organic vapors using a calibrated photoionization detector (PID) and measurements were recorded on soil boring logs. Any odors, staining, discoloration, or other pertinent observations about the soils recovered were also noted on the soil boring logs.

The 44 soil borings at ground surface (SB-01 to SB-44) were advanced to depths ranging from 10 to 15 feet below ground surface (bgs). Twelve additional borings were advanced on March 19, 2019 to collect near-surface (0-2') composite soil samples for waste characterization purposes (SB-45 to SB-56). One to two soil samples were collected from each boring for laboratory analysis. The soils samples collected for analysis were collected at the interval with the highest PID reading. Samples were placed on ice and couriered to either Pace Laboratories of Grand Rapids, Michigan and Indianapolis, Indiana for analysis.

Findings of the Phase II ESA revealed the following:

- Metals, Semi-Volatile Organic Compounds (SVOCs), and Volatile Organic Compounds (VOCs) were detected in soil samples that exceeded the Statewide Default Background Level (SDBL) and the Groundwater Surface Water Interface Protection (GSIP) Criteria.
- Arsenic, cadmium, copper, lead and benzo(a)pyrene concentrations in soil exceeded Residential Direct Contact (RDC) Criteria. Copper, lead, and benzo(a)pyrene concentrations also exceeded Nonresidential Direct Contact (NDC) Criteria.

- VOCs (Trichloroethylene, 1,2,4-Trimethylbenzene, and 1,3,5-Trimethylbenzene) and mercury concentrations in soil exceeded Residential and Nonresidential Residential Interim Action Screening Levels (RIASLs).

- VOC concentrations in soil exceeded the Residential and Nonresidential Soil Volatilization to Indoor Air Inhalation (SVIAI) Criteria.

- Of the twelve shallow composite soil samples collected by DLZ for waste characterization purposes, three samples were determined to be characteristically hazardous.

1.0 INTRODUCTION

DLZ Michigan, Inc. (DLZ) was retained by the Detroit Brownfield Redevelopment Authority (DBRA) to conduct a Phase II Environmental Site Assessment (ESA) on the property commonly referred to as Site 7C located at both 11031 and 11081 Shoemaker Street in Detroit, Wayne County, Michigan, hereinafter referred to as the Subject Property.

1.1 PURPOSE

The Phase II ESA was conducted to assess Recognized Environmental Conditions (RECs) identified by DLZ in the March 2019 Final Phase I ESA performed at the Subject Property.

1.2 LIMITATIONS AND EXCEPTIONS

The findings and professional opinions conveyed in this Phase II ESA are based upon information obtained by DLZ during performance of the Phase I ESA and Phase II ESA. DLZ did not independently verify the accuracy of information obtained, and cannot and does not guarantee its authenticity, accuracy, or reliability.

The professional opinions presented in this report are based on findings of the Phase II ESA including geophysical survey results, subsurface soil characteristics, and soil sample analytical results. Although a robust sampling scheme was employed to investigate known areas of potential environmental contamination, this Phase II ESA is not a guarantee that areas of environmental concern noted in this report are the only areas of potential contamination at the Subject Property.

1.3 SPECIAL TERMS AND CONDITIONS

This Phase II ESA was completed in accordance with the Professional Services Agreement between the City of Detroit Brownfield Redevelopment Authority and DLZ Michigan, Inc. dated October 24, 2018. There were no special terms or conditions beyond those agreed to within the Professional Services Agreement.

1.4 USER RELIANCE

This Phase II ESA was prepared by DLZ for the exclusive use of the DBRA and Fiat Chrysler Automobiles, U.S., LLC (FCA) and the findings and professional opinions presented in this report are solely for the use and information of the DBRA and FCA and may not be relied upon by third parties. Any reliance on this report by a third party is at such party's sole risk.

The services described in this report were performed consistent with generally accepted practices. No other warranty, express or implied, is made.

2.0 SITE DESCRIPTION

2.1 LOCATION

The Subject Property is located at 11031 Shoemaker Street and 11031 Shoemaker Street in Detroit, Michigan. A Property Location Map is included as **Figure 1**.

2.2 SITE AND VICINITY GENERAL CHARACTERISTICS

The Subject Property consists of approximately 14.42 acres of land. The 11031 Shoemaker St. portion of the Subject Property contains approximately 9.89 acres of land and is owned by the City of Detroit and contains an approximately 55,000 square foot abandoned building. The 11081 Shoemaker St. portion of the Subject Property contains approximately 4.53 acres of land and is owned by the Detroit Water and Sewerage Department (DWSD). Two large soil stockpiles are present on the 11081 Shoemaker St. portion of the Subject Property, and two smaller stockpiles are present at 11031 Shoemaker St. to the northwest of the larger stockpiles. Debris piles consisting of bricks, wood, tires, etc. are located throughout the Subject Property.

Residential, municipal, and industrial land-uses adjoin the Subject Property, which has an elevation of approximately 600 to 610 feet above mean sea level. A Site Location Map for Site 7C is included as **Figure 2**.

2.3 SITE HISTORY

The Subject Property was presumably residential in use prior to 1921 and was used for industrial purposes after 1921. Occupants of the Subject Property included the Candler Radiator Company, Federal Mogul Corporation, Ernst Fuel and Supply Company, Federal Mogul Bower Bearings Inc., 6-M, and the Detroit Water and Sewerage Department.

Historical operations on the Subject property included Federal Mogul Plant #1 and #2, railroad spurs, machine shops, soldering, lead foundries, babbitting, a garage, fuel supply, warehouses, dynamometer, an oil house, power house, a transformer room, a filling station, coal shed, coal silos, coal yard, and refuse burner. Each historical property use, due to assumed operations and probable use of hazardous substances, would constitute the likely presence of hazardous substance contamination and therefore represent RECs.

2.4 PREVIOUS ENVIRONMENTAL ASSESSMENTS

A Phase I ESA was conducted by DLZ in November of 2018, with a Final Phase I ESA Report dated March 2019, in which several RECs were identified and recommended for further investigation, which prompted this Phase II ESA. The RECs identified during the Phase I ESA included:

- Historical operations on the Subject property included Federal Mogul Plant #1 and #2, railroad spurs, machine shops, soldering, lead foundries, babbitting, a garage, fuel supply, warehouses, dynamometer, an oil house, power house, a transformer room, a filling station, coal shed, coal silos, coal yard, and refuse burner, in addition to the presence of both underground storage tanks (USTs) and above ground storage tanks (ASTs). Because of known or suspected historical operations, including the storage, use and generation of hazardous substances, the historical operations represent RECs.

- The sites of known or potential contamination identified in the Environmental Data Resources (EDR) report located on the Subject Property, as well as the north and south adjoining LUST sites represent RECs with respect to the Subject Property.

- Historical uses of adjoining properties as a garbage and refuse incinerator, streetcar yard, a garage, and for manufacturing operations represent RECs regarding the Subject Property.

- The presence of polynuclear aromatics (PNAs), trichloroethylene (TCE) and polychlorinated biphenyls (PCBs) on the property as documented through an Activity and Use Limitation (AUL) represents a controlled REC.

- The documented presence of arsenic, copper, and lead above Generic Residential Cleanup Criteria (GRCC) for direct contact in soils on the Subject Property represents a REC.

- During the site reconnaissance, DLZ observed waste within the soil stockpiles including plastic piping, bricks, and concrete. In addition, approximately 30,000-cubic yards of soil material may be present at the Subject Property within the two larger soil stockpiles. Due to the unknown nature and origin of the soil within the stockpiles, they are considered RECs.

- The inability to observe a majority of the ground surface during the walkover as a result of the soil stockpiles represents both a limitation and a significant data gap. The significant data gap is considered to be a REC.

A Phase II ESA was previously completed on the Subject Property in 2006. The Phase II ESA data showed analytical results for 63 lead samples; only six of which were found to be greater than Michigan's Generic Residential Cleanup Criteria (GRCC) for direct contact of 400 mg/kg. The 2006 final report concluded that no further action was recommended related to lead concentrations above GRCC Criteria. Thirteen soil samples were also collected on nearby properties to assess the presence of lead in soils resulting from the historical lead foundry on the Subject Property. Of the 13 samples collected, 2 locations exhibited lead concentrations exceeding the GRCC of 400 mg/kg.

In 2008, a Notice of Corrective Action was recorded with the Wayne County Register of Deeds for the former Federal-Mogul property indicating that a corrective action was completed by the Federal-Mogul Corporation. The corrective action addressed hazardous substances including polynuclear aromatics, trichloroethylene, and polychlorinated biphenyls that were released from an underground storage tank farm at the site. The corrective action report indicated 10 USTs and approximately 4,240 tons of contaminated soil were removed from the Subject Property. The Notice of Corrective Action stated that soil contamination remains present at levels on the site that do not allow for unrestricted use of the property within the area of the

UST cleanup. As a result of the soil contamination, an activity and use limitation is in place for the Subject Property. The AUL represents a controlled REC.

A Phase II ESA completed on the Subject Property in 2011 included the collection of soil samples from 41 soil borings. Soil analytical results for metals reported concentrations of total arsenic, copper, and lead above GRCC for direct contact in select sample locations. Total lead was also reported above the Non-Residential Cleanup Criteria in three soil samples. PNAs were detected above GRCC for DC at one sample location. PNAs were detected below the applicable GRCC at several other sample locations. Soil sample analytical results for PCBs were non-detect. Soil analytical results for VOCs reported concentrations below the applicable GRCC in several soil samples collected.

In 2012, EPA collected samples and conducted x-ray fluorescence (XRF) screening at 10 residential homes along the western property line of 11031 Shoemaker Street. The sampling found lead levels in soil above the 400 mg/kg residential direct contact criteria at 9 of the 10 properties.

3.0 FIELD INVESTIGATION

DLZ prepared a Site-Specific Health and Safety Plan (HASP) prior to initiation of Phase II field activities at the Subject Property. A Phase II ESA Work Plan was also submitted to City of Detroit, Buildings, Safety Engineering and Environmental Department (BSEED) for review and approval prior to mobilization. Phase II ESA field activities were conducted at the Subject Property between February 28 and March 19, 2019. During the Phase II ESA, a total of 72 soil borings were advanced at the Subject Property including 44 subsurface borings (SB-01 to SB-44), 9 borings atop the North Stockpile and 7 borings atop the South Stockpile. Twelve shallow borings were also advanced to collect near-surface (0-2') composite soil samples for waste characterization purposes (SB-45 to SB-56). Phase II ESA field activities are further described in the following sections.

3.1 UTILITY CLEARANCE

Prior to advancement of soil borings at the Subject Property, a subsurface survey was performed to determine the absence or presence of subsurface features and/or utilities in the vicinity of proposed drilling/boring locations. Utility clearance was performed by Work Smart using electromagnetic (EM) and ground penetrating radar (GPR) methods, as appropriate. Each boring location was marked in the field to signify once it had been cleared and was safe for drilling. In addition, some proposed boring locations were adjusted/relocated to a nearby area if subsurface utilities or abnormalities were discovered.

3.2 STOCKPILE SAMPLING

Two large soil stockpiles are present on the 11081 Shoemaker St. portion of the Subject Property, and two smaller stockpiles are present at 11031 Shoemaker St. to the northwest of the larger stockpiles. The larger stockpiles were sampled during Phase II field activities to

evaluate whether the soil would be suitable for reuse, or whether it would require offsite disposal. Stockpile samples were collected similarly to other soil borings as described below in Sections 3.3 and 3.4. The stockpile soil sample results were discussed in the Soil Pile Sampling and Analysis Report, which was submitted to the Detroit Building Authority in April 2019.

3.3 SOIL INVESTIGATION

DLZ subcontracted Fibertec Environmental Services of Brighton, Michigan to advance soil borings at the Subject Property. Soil borings were advanced between March 4 and 8, 2019. At each soil boring location, continuous soil samples were collected using direct push technology (DPT) drilling methods. Specifically, a Geoprobe® 7820DT was used to push 3.25-inch rods, and soil collection was performed by inserting acetate liners within the Geoprobe® sampling rod. A DLZ geologist/scientist examined all soil samples and classified the samples in general accordance with the Unified Soil Classification System (USCS), including as applicable: soil type, grain size, color, relative moisture content, and any other notable features. The soil samples were screened for organic vapors using a calibrated photoionization detector (PID) with a 10.6 ev lamp and all readings were recorded on the soil boring logs. Any odors, staining, discoloration, or other pertinent observations about the soils recovered were also noted on the soil boring logs.

The 44 soil borings at ground surface (SB-01 to SB-44) were advanced to depths ranging from 10 to 15 feet below ground surface (bgs). Twelve additional borings (SB-45 to SB-56) were advanced on March 19, 2019 to collect near-surface (0-2') composite soil samples for sitewide waste characterization purposes. One to two soil samples were collected from each boring for laboratory analysis. The soils samples collected for analysis were collected at the interval with the highest PID reading. If no readings above 0.0 parts per million (ppm) were recorded in any interval within the boring, the sample was collected at a location where discoloration, odor, or fill material was present. If these characteristics were also not present, a sample was taken directly from near-surface soil between approximately 1-3 ft bgs. DLZ field personnel utilized disposable nitrile gloves during soil sampling activities and changed gloves between samples. Soil boring logs are provided in **Appendix A**. Soil boring locations are presented on **Figure 3**.

REC locations at which soil borings were advanced are listed below:

- Four soil borings (SB-01, SB-02, SB-03, and SB-04) were advanced in the south-central portion of the Subject Property to sample soils near the former location of Federal Mogul Plant #2.
- Twelve soil borings (SB-05, SB-06, SB-07, SB-08, SB-21, SB-23, SB-25, SB-27, SB-33, SB-35, SB-37 and SB-38) were advanced to sample soils for general sitewide characterization.
- Three soil boring (SB-9, SB-10, and SB-11) were advanced to sample soils near the former laboratory area.
- Twelve soil borings (SB-12 through SB-20, SB-22, SB-24, and SB-26) were advanced at the former Federal Mogul Plant No. 1 machine shop and lead foundry areas.

- Four soil borings (SB-28, SB-30, SB-31, and SB-32) were advanced in the northwestern portion of the Subject Property at the former locations of the dynamometer, babbitting, lead foundry, and pump house.
- Three soil borings (SB-29, SB-34, and SB-36) were advanced at the former location of an oil tank and oil house near the former dynamometer building.
- Three soil borings (SB-39, SB-40 and SB-41) were advanced near the former location of the 20,000-gallon Fuel Oil Tank.
- Three soil borings (SB-42, SB-43, and SB-44) were advanced at the northwest corner of Shoemaker and St. Jean Streets near the former location of gasoline filling station.
- Twelve shallow soil borings (SB-45 through SB-56) were advanced sitewide for waste characterization purposes.
- Nine soil borings (N. Stockpile-1 through N. Stockpile 9) were advanced at the location of the north soil stockpile.
- Seven soil borings (S. Stockpile-1 through S. Stockpile 7) were advanced at the location of the south soil stockpile.

Groundwater was not encountered in volumes sufficient for groundwater sampling in any soil borings at the time of drilling. Due to the geological conditions at the Subject Property, a limited amount of groundwater was encountered inconsistently across the Subject Property, which likely represents perched groundwater that has accumulated within porous fill material.

3.4 LABORATORY ANALYSIS

Soil samples were couriered under standard Chain-of-Custody procedures to Pace Analytical Laboratories of Grand Rapids, Michigan and Indianapolis, Indiana for analysis. Soil samples from soil borings were analyzed for parameters designed to determine if contaminant concentrations in soil exceed Part 201 Screening Levels. Based on the identified RECs, historical site uses including gasoline fueling stations, lead foundry, coal storage, and field observations, soil samples collected were submitted for the following parameters:

- Volatile organic compounds (VOCs, EPA Method 8260)
- Semi-volatile compounds (SVOCs, EPA Method 8270)
- Michigan 10 metals (Methods 6010 and 7470)

Twelve shallow composite soil samples were analyzed for parameters designed to characterize soils for waste disposal purposes. These parameters included:

- Toxicity Characteristic Leaching Procedure (TCLP) volatile organic compounds (VOCs, Method 8260)
- TCLP Semi-volatile compounds (SVOCs, EPA Method 8270)
- TCLP Michigan 10 metals (Methods 6010 and 7470)

- PCBs (EPA Method 8082)

3.5 INVESTIGATION-DERIVED WASTE

Investigation-Derived Waste generated during the Phase II ESA consisted of disposable materials such as acetate liners, soil coring tools, and personal protective equipment (PPE). Minimally-contaminated disposable sampling materials and PPE were containerized and disposed off-site as ordinary solid waste.

Drill cuttings were generally returned to the borehole from which they were retrieved, however, visibly impacted soil in the vicinity of SB-27 was containerized in one 55-gallon steel drum. The drum was labelled to specify its contents and was staged on a concrete-paved area in the northwest portion of the Subject Property pending analysis and disposal.

4.0 GEOLOGY

Geologic maps of Michigan showing the bedrock and glacial geology of the state were reviewed on the Michigan Department of Environmental Quality's GeoWebFace website and in the Hydrogeologic Atlas of Michigan (Western Michigan University, 1981). The bedrock map indicates that the bedrock in the general site vicinity consists of the Middle Devonian age Detroit River Group and the Antrim Shale. The glacial map indicates that glacial deposits in Wayne County near the Subject Property generally exceed 100 feet in thickness and consist primarily of lacustrine clay and silt deposits. A shallow drinking water aquifer in the glacial sediments is not present in the vicinity of the City of Detroit.

No water wells or Wellhead Protection Areas were observed in the general site vicinity on the GeoWebFace Map. The nearest surface water body is the Detroit River which is approximately 2.7 miles south of the site.

Shallow subsurface soils at the Subject Property generally consist of urban/made land (silty and sandy clay with gravel) to approximately 5 feet bgs, with discontinuous sand lenses as well as brick, concrete, and wood debris consistent with urban fill. At Site 7C, as well as the surrounding area, silty clay is found between 5 and 15 feet bgs with stiffness increasing with depth. Brown silty clay generally observed between approximately 5 and 10 ft bgs transitions to gray silty clay below 10 ft bgs.

5.0 EVALUATION OF ANALYTICAL RESULTS

TCLP leachate analytical results for composite soil samples collected for waste characterization purposes were compared to Maximum Contaminant Concentrations for the Toxicity Characteristic listed in the Code of Federal Regulations (CFR) 40 CFT 261.24. Discreet soil sample laboratory analytical results were compared to the Natural Resources and Environmental Protection Act (NREPA), 1994 PA 451, as amended, Part 201 Generic Cleanup Criteria and Screening Levels revised June 25, 2018 and further detailed below. DLZ compared the data to both Residential and Non-Residential Criteria and Risk-Based Screening Levels (RBSLs) due to the planned industrial use as well as existing adjoining residential land use. Soil samples were compared to:

- Residential Direct Contact (RDC) and Nonresidential Direct Contact (NDC) Criteria and RBSLs;
- Groundwater/Surface Water Interface Protection (GSIP) Criteria and RBSLs;
- Residential Soil Volatilization to Indoor Air Inhalation Criteria (SVII) Criteria;
- Residential and Nonresidential Interim Action Screening Levels (RIASLs).

DLZ also compared metal concentrations in soil samples to Part 201 Screening Levels from the Statewide Default Background Levels. The GSIP criteria was evaluated for soil due to potential storm sewer to surface water connectivity in the vicinity of Site 7C, however it has not been determined if that exposure pathway is complete. Drinking Water Protection Criteria were not evaluated as there are no usable aquifers within the City of Detroit. Soil sample analytical results for the soil stockpiles are not included in this report. The stockpile discrete soil sample results were discussed in the Soil Pile Sampling and Analysis Report, which was submitted to the Detroit Building Authority in April 2019. Site 7C soil sample analytical results are summarized in **Table 1**. Laboratory reports are provided in **Appendix B**.

In accordance with Part 201 Screening Level guidelines, contaminant concentrations below Statewide Default Background levels were not considered to exceed Part 201 Screening Levels. Contaminant concentrations exceeding Part 201 Screening Levels are summarized below:

- Arsenic concentrations in soil exceeded GSIP (4,600 ug/kg) and Default Background (5,800 ug/kg) at sample locations SB-01 (2-3'), SB-02 (6-7'), SB-05 (3-4'), SB-06 (1-2'), SB-06 (9-10'), SB-08 (4-5'), SB-11 (3-4'), SB-11 (7-8'), SB-12 (5-6'), SB-13 (3-4'), SB-16 (4-5'), SB-16 (5-6'), SB-18 (1-2'), SB-18 (5-6'), SB-19 (4-5'), SB-24 (0-1'), SB-24 (4-5'), SB-25 (2-3'), SB-26 (9-10'), SB-27 (6-7'), SB-29 (4-5'), SB-30 (1-2'), SB-31 (3-4'), SB-31 (6-7'), SB-32 (2-3'), SB-35 (1-2'), SB-38 (1-2'), SB-38 (7-8'), SB-39 (3-4'), SB-41 (1-2'), SB-42 (6-7') and SB-44 (9-10'). The following sample locations exceeded both the Default Background and RDC (7,600 ug/kg): SB-01 (2-3'), SB-02 (6-7'), SB-05 (3-4'), SB-08 (4-5'), SB-11 (3-4'), SB-11 (7-8'), SB-16 (4-5'), SB-18 (1-2'), SB-19 (4-5'), SB-24 (0-1'), SB-24 (4-5'), SB-26 (9-10'), SB-27 (6-7'), SB-29 (4-5'), SB-31 (3-4'), SB-31 (6-7'), SB-32 (2-3'), SB-35 (1-2'), SB-38 (1-2'), SB-38 (7-8'), SB-39 (3-4'), SB-42 (6-7') and SB-44 (9-10'). Sample results did not indicate arsenic concentrations in soil greater than NDC (37,000 ug/kg).

- Cadmium concentrations in soil exceeded RDC (550,000 ug/kg) at sample location SB-08 (4-5').

- Total chromium concentrations in soil exceeded GSIP for chromium VI (3,300 ug/kg) and Default Background for total chromium (18,000 ug/kg) at sample locations SB-01 (2-3'), SB-03 (5-6'), SB-05 (3-4'), SB-06 (9-10'), SB-07 (2-3'), SB-08 (4-5'), SB-09 (3-4'), SB-09 (7-8'), SB-11 (3-4'), SB-11 (7-8'), SB-12 (5-6'), SB-14 (1-2'), SB-14 (3-4'), SB-15 (6-7'), SB-16 (5-6'), SB-18 (5-6'), SB-19 (4-5'), SB-19 (5-6'), SB-20 (6-7'), SB-21 (3-4'), SB-22 (8-9'), SB-23 (14-15'), SB-24 (4-5'), SB-25 (2-3'), SB-26 (9-10'), SB-27 (3-4'), SB-27 (6-7'), SB-28 (2-3'), SB-29 (4-5'), SB-30 (1-2'), SB-31 (3-4'), SB-32 (2-3'), SB-33 (5-6'), SB-36 (5-6'), and SB-38 (7-8'), SB-40 (12-13'), SB-41 (1-2'), SB-42 (6-7') and SB-44 (9-10').

- Copper concentrations in soil exceeded RDC (20,000,000 ug/kg) and NDC (73,000,000 ug/kg) in sample SB-19 (4-5').

- Lead concentrations in soil exceeded RDC (400,000 ug/kg) at sample locations SB-01 (2-3'), SB-03 (3-4'), SB-07 (2-3'), SB-08 (4-5'), SB-19 (4-5'), SB-29 (1-2'), SB-30 (1-2'), SB-34 (2-3'), SB-35 (1-2'), SB-36 (2-3'), and SB-39 (3-4'). Lead concentrations exceeded NDC (900,000 ug/kg) at sample locations SB-08 (4-5'), SB-19 (4-5'), SB-30 (1-2'), SB-34 (2-3'), SB-36 (2-3'), and SB-39 (3-4').

- Mercury concentrations in soil exceeded GSIP (50 ug/kg), Residential RIASLS (0.027 ug/kg) and Nonresidential RIASLs (0.12 ug/kg) and Default Background (130 ug/kg) at sample location SB-01 (2-3').

- Selenium concentrations in soil exceeded GSIP (400 ug/kg) and Default Background (410 ug/kg) at sample locations SB-01 (2-3'), SB-06 (1-2'), SB-08 (4-5'), SB-08 (6-7'), SB-09 (3-4'), SB-09 (7-8'), SB-10 (2-3'), SB-10 (4-5'), SB-11 (3-4'), SB-12 (1-2'), SB-13 (1-2'), SB-13 (3-4'), SB-14 (1-2'), SB-14 (3-4'), SB-15 (2-3'), SB-15 (6-7'), SB-16 (4-5'), SB-16 (5-6'), SB-17 (3-4'), SB-27 (6-7'), SB-29 (4-5'), SB-30 (4-5'), SB-31 (3-4'), SB-31 (6-7'), SB-32 (2-3'), SB-33 (5-6'), SB-34 (2-3'), SB-34 (4-5'), SB-35 (1-2'), SB-35 (4-5'), SB-36 (5-6'), SB-37 (4-5'), SB-38 (1-2'), SB-39 (3-4'), SB-39 (6-7'), SB-41 (1-2'), SB-41 (4-5'), SB-42 (3-4'), and SB-42 (6-7').

- Silver concentrations in soil exceeded GSIP (100 ug/kg) and Default Background (1,000 ug/kg) at sample locations SB-07 (2-3'), SB-08 (4-5'), SB-13 (1-2'), SB-19 (4-5'), SB-34 (2-3'), SB-36 (2-3'), and SB-41 (1-2').

- Acenaphthene concentrations in soil exceeded GSIP (8,700 ug/kg) at sample location SB-27 (3-4').

- Benzo(a)pyrene concentrations in soil exceeded RDC (2,000 ug/kg) and NDC (8,000 ug/kg) in sample SB-27 (3-4').

- 2-Methylnaphthalene concentrations in soil exceeded GSIP (4,200 ug/kg) at sample locations SB-34 (2-3'), SB-34 (4-5'), SB-35 (1-2'), SB-36 (2-3'), and SB-38 (1-2').

- Dibenzofuran concentrations in soil exceeded GSIP (1,700 ug/kg) in sample SB-27 (3-4').

- Fluoranthene concentrations in soil exceeded GSIP (5,500 ug/kg) in sample SB-27 (3-4').

- Fluorene concentrations in soil exceeded GSIP (5,300 ug/kg) in sample SB-27 (3-4').

- Phenanthrene concentrations in soil exceeded GSIP (2,100 ug/kg) at sample locations SB-19 (4-5'), SB-24 (0-1'), SB-27 (3-4'), SB-34 (2-3'), SB-34 (4-5'), SB-35 (1-2'), SB-36 (2-3'), and SB-38 (1-2').

- Cis-1,2-Dichlorethene concentrations in soil exceeded Residential RIASLs (2.1 ug/kg) and Nonresidential RIASLs (9.2 ug/kg) at sample locations SB-21 (1-2') and SB-26 (9-10').

- Tetrachloroethylene (PCE) concentrations in soil exceeded Residential RIASLs (6.2 ug/kg) and Nonresidential RIASLs (19 ug/kg) at sample locations SB-21 (1-2') and SB-26 (9-10).

- Trichloroethylene (TCE) concentrations in soil exceeded Residential RIASLs (0.33 ug/kg) and Nonresidential RIASLs (0.1 ug/kg) at sample locations SB-03 (5-6'), SB-21 (1-2'), SB-22 (8-9'), and SB-26 (9-10'). GSIP (4,000 ug/kg), Residential SVIAI (1,000 ug/kg), and Nonresidential SVIAI criteria (1,900 ug/kg) were exceeded at sample location SB-26 (9-10).

- 1,2,4-Trimethylbenzene concentrations in soil exceeded GSIP (570 ug/L) at sample location SB-44 (9-10') and exceeded Residential RIASLS (150 ug/kg) at sample locations SB-44 (7-8') and SB-44 (9-10') and exceeded Nonresidential RIASLs (650 ug/kg) at sample location SB-44 (9-10').

- 1,3,5-Trimethylbenzene concentrations in soil exceeded Residential RIASLS (100 ug/kg) at sample location SB-44 (9-10').

Exceedances of RDC Criteria occurred primarily in the northwest portion of the Subject Property associated with the former dynamometer/lead foundry area that contained an oil house, oil tank, and pump house. RDC exceedances were also found at the former Federal Mogul Plant #2 area, former gasoline filling station at the northwest corner of Shoemaker Street and St. Jean Street, and in the southwest portion of the Subject Property associated with the former Federal Mogul Plant #1. Of the twelve shallow composite soil samples collected by DLZ for waste characterization purposes, three samples were determined to be characteristically hazardous. The central and northeast portions of the Subject Property were not targeted for investigation due to previous investigations in these areas and known impacts (e.g. AUL in-place for Subject Property). No VOCs were detected in soil samples in concentrations greater than the applicable RDC Criteria. A map depicting locations of soil samples that exceeded RDC for metals is provided as **Figure 4**. A map depicting locations of soil samples that exceeded RDC for SVOCs is provided as **Figure 5**.

6.0 CONCLUSIONS

DLZ completed a Phase II ESA to evaluate previously identified RECs at the Subject Property. Based on the data collected as part of this Phase II ESA, subsurface soils at the Subject Property contain contaminants at concentrations which exceed MDEQ Part 201 Residential Generic Cleanup Criteria and Screening Levels. As a result, the subject property is defined as a "facility" by Section 20101(1)(r) of Michigan's Natural Resources Environmental Protection Act, 1994 Public Act 451, as amended (NREPA). A "facility" is defined as: "any area, place or property where a hazardous substance in excess of the concentrations which satisfy the requirements of section 20120a(1)(a) or (17) has been released, deposited, disposed of, or otherwise comes to be located."

A review of soil analytical results indicates the following:

- Metals, SVOCs, and VOCs were detected in soil samples that exceeded the Statewide Default Background Level (SDBL) and the Groundwater Surface Water Interface Protection (GSIP) Criteria.

- Arsenic, cadmium, copper, lead and benzo(a)pyrene concentrations in soil exceeded RDC Criteria. Copper, lead, and benzo(a)pyrene concentrations also exceeded NDC Criteria.

- VOCs (1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, cis,1-2-dichloroethene, PCE, and TCE) and mercury concentrations in soil exceeded Residential and Nonresidential RIASLs.
- TCE concentrations in soil exceeded the Residential and Nonresidential SVIAI Criteria.
- TCLP leachate analytical results for composite soil samples collected at twelve locations across the Subject Property indicated three samples exceeded applicable Maximum Contaminant Concentrations for the Toxicity Characteristic.

Drill cuttings were generally returned to the borehole from which they were retrieved, however, visibly impacted soil in the vicinity of SB-27 was containerized in one 55-gallon steel drum. The drum was labelled to specify its contents and was staged on a concrete-paved area in the northwest portion of the Subject Property pending analysis and disposal.

7.0 RECOMMENDATIONS

Based on the conclusions drawn from an evaluation of the data collected as part of the Phase II ESA, the following recommendations are presented:

- Additional investigative work may be warranted to further delineate “hot-spots” in order to minimize the quantity of soil at the Subject Property that may require handling and disposal as hazardous waste.
- Additional investigative work may be warranted to fully characterize subsurface soils at the Subject Property presently inaccessible to drilling equipment due to the presence of debris, partially-collapsed buildings, and large soil stockpiles. Upon completion of all subsurface investigative work, all IDW should be properly profiled and transported offsite by an entity licensed to handle such wastes prior to disposal in an appropriately licensed landfill or incinerator.
- The Groundwater Surface Water Interface pathway may warrant evaluation to determine whether a direct hydraulic connection exists between the Subject Property and utility corridors or storm sewer piping that discharge to nearby surface water including the Detroit River or its tributaries.
- A Vapor Intrusion pathway evaluation may be required due to the potential future usage and/or redevelopment of the Subject Property based on the detected concentrations of mercury and VOCs that were detected above the Residential and Non-Residential Media-Specific Volatilization to Indoor Air Recommended Interim Action Screening Level (August 2017) in the shallow soils.
- DLZ recommends that a Baseline Environmental Assessment (BEA) be prepared and submitted to the MDEQ within six months of the City of Detroit taking control or ownership of the Subject Property. The purpose of the BEA is to confirm that the property is a “facility” so that the new owner or operator is not held liable for the cost of cleaning up the contamination caused by others.
- Lastly, Section 20107a of Part 201 of the NREPA specifically requires that owners and operators take Due Care measures to ensure that existing contamination on a property does not cause unacceptable risks and is not exacerbated. Due Care obligations are required for a person who

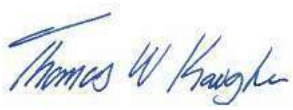
owns or operates property that he or she has knowledge is a “facility”, regardless of whether the person is liable. The Due Care requirements were designed so contaminated properties could be safely redeveloped. Due Care obligations include the following:

a) Undertake measures as are necessary to prevent exacerbation of the existing contamination;

b) Exercise due care by undertaking response activity necessary to mitigate unacceptable exposure to hazardous substances, mitigate fire and explosions hazards due to hazardous substances, and allow for the intended use of the facility in a manner that protects the public health and safety;

c) Take reasonable precautions against the reasonably foreseeable acts or omissions of a third party and the consequences that are foreseeable could result from those acts or omissions.

8.0 SIGNATURE(S) OF ENVIRONMENTAL PROFESSIONAL(S)



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TABLES

TABLE 1
SOIL ANALYTICAL SUMMARY
PEREGRINE FALCON SITE 7C
11031 and 11081 SHOEMAKER

Parameters* *(Refer to detailed laboratory report for method reference data)*	Chemical Abstract Service Number	Statewide Default Background Levels	Groundwater Surface Water Interface Protection Criteria	Residential Soil Volatilization to Indoor Air Inhalation (SVIAI) Criteria	Residential Recommended Interim Action Screening Levels (RIASL)	Residential Direct Contact Criteria	Nonresidential Soil Volatilization to Indoor Air Inhalation (SVIAI) Criteria	Nonresidential Recommended Interim Action Screening Levels (RIASL)	Nonresidential Direct Contact Criteria	SB-1 (Site 7C) 3/6/2019 2-3	SB-1 (Site 7C) 3/6/2019 9-10	SB-2 (Site 7C) 3/6/2019 3-4	SB-2 (Site 7C) 3/6/2019 6-7	SB-3 (Site 7C) 3/6/2019 3-4	SB-3 (Site 7C) 3/6/2019 5-6	SB-4 (Site 7C) 3/6/2019 4-5	SB-4 (Site 7C) 3/6/2019 6-7	SB-5 (Site 7C) 3/6/2019 1-2	SB-5 (Site 7C) 3/6/2019 3-4	SB-6 (Site 7C) 3/6/2019 1-2	SB-6 (Site 7C) 3/6/2019 9-10	SB-7 (Site 7C) 3/6/2019 2-3	SB-7 (Site 7C) 3/6/2019 5-6	SB-8 (Site 7C) 3/6/2019 4-5
Metals ug/Kg																									
Arsenic	7440-38-2	5,800	4,600	NLV	NA	7,600	NLV	NA	37,000	**8,080**	5,750	1,950	**8,070**	3,680	4,790	4,140	3,540	3,020	**10,500**	5,880	6,320	ND	1,910	**9,960**
Barium (B)	7440-39-3	75,000	(G)	NLV	NA	3.70E+07	NLV	NA	1.30E+08	248,000	46,500	65,200	53,300	19,300	67,600	27,700	71,000	48,900	123,000	64,900	110,000	559,000	72,000	153,000
Cadmium (B)	7440-43-9	1,200	(G,X)	NLV	NA	5.50E+05	NLV	NA	2.10E+06	558	116	635	148	77,600	17,200	255	200	200	212	444	192	55,600	116	**1,230,000**
Chromium, Total	7440-47-3	18,000 (total)	3,300	NLV	NA	2.50E+06	NLV	NA	9.20E+06	18,900	15,000	9,780	14,500	7,390	22,300	7,280	16,700	11,100	23,800	14,100	21,900	27,600	17,200	19,200
Copper (B)	7440-50-8	32,000	(G)	NLV	NA	2.00E+07	NLV	NA	7.30E+07	48,000	10,800	5,890	11,600	629,000	12,300	26,200	10,100	5,200	19,800	17,100	17,500	756,000	7,220	10,600,000
Lead (B)	7439-92-1	21,000	(G,X)	NLV	NA	4.00E+05	NLV	NA	9.0E+5 (DD)	**613,000**	6,850	5,330	12,300	**569,000**	9,010	25,100	7,850	7,420	15,600	27,100	12,100	**482,000**	7,990	***2,930,000***
Mercury, Total	7439-97-6	130	50 (M); 1.2	48,000	0.027	1.60E+05	89,000	0.12	5.80E+05	**3,410**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium (B)	7782-49-2	410	400	NLV	NA	2.60E+06	NLV	NA	9.60E+06	609	ND	ND	ND	ND	ND	393	ND	ND	ND	658	ND	ND	ND	1,220
Silver (B)	7440-22-4	1,000	100 (M); 27	NLV	NA	2.50E+06	NLV	NA	9.00E+06	334	ND	ND	ND	69.1	ND	ND	ND	ND	ND	ND	ND	4,490	ND	8,740
Zinc (B)	7440-66-6	47,000	(G)	NLV	NA	1.70E+08	NLV	NA	6.30E+08	185,000	30,700	17,600	37,600	1,020,000	263,000	55,300	35,300	25,200	54,800	63,700	44,700	471,000	35,700	1,290,000
Semivolatiles ug/Kg																									
Acenaphthene	83-32-9	NA	8,700	1.90E+08	NA	4.40E+07	3.50E+08	NA	1.30E+08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	120-12-7	NA	ID	1.0E+9 (D)	NA	2.30E+08	1.0E+9 (D)	NA	7.30E+08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene (Q)	56-55-3	NA	NLL	NLV	NA	20,000	NLV	NA	80,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	770
Benzo(a)pyrene (Q)	50-32-8	NA	NLL	NLV	NA	2,000	NLV	NA	8,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	548
Benzo(b)fluoranthene (Q)	205-99-2	NA	NLL	ID	NA	20,000	ID	NA	80,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	836
Benzo(g,h,i)perylene	191-24-2	NA	NLL	NLV	NA	2.50E+06	NLV	NA	7.00E+06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene (Q)	207-08-9	NA	NLL	NLV	NA	2.00E+05	NLV	NA	8.00E+05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene (Q)	218-01-9	NA	NLL	ID	NA	2.00E+06	ID	NA	8.00E+06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	921
Dibenzofuran	132-64-9	NA	1,700	2.00E+06	NA	ID	3.60E+06	NA	ID	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	206-44-0	NA	5,500	1.0E+9 (D)	NA	4.60E+07	1.0E+9 (D)	NA	1.30E+08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,800
Flourene	86-37-7	NA	5,300	5.80E+08	NA	2.7E+7 (C)	1.0E+9 (D)	NA	8.7E+7 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene (Q)	193-39-5	NA	NLL	NLV	NA	20,000	NLV	NA	80,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	91-57-6	NA	4,200	2.70E+06	NA	8.10E+06	4.90E+06	NA	2.60E+07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	85-01-8	NA	2,100	2.80E+06	NA	1.60E+06	5.10E+06	NA	5.20E+06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,200
Pyrene	129-00-0	NA	ID	1.0E+9 (D)	NA	2.90E+07	1.0E+9 (D)	NA	8.40E+07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,400
Total SVOCs										ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7,475
Volatiles, VOCs ug/Kg																									
n-Butylbenzeze	104-51-8	NA	ID	ID	NA	2.50E+06	ID	NA	8.00E+06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	NA	12,000	22,000	2.1 (M)	2.5E+6 (C)	41,000	9.2 (M)	8.0E+6 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	91-20-3	NA	730	2.50E+05	NA	1.60E+07	4.70E+05	NA	5.20E+07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene (I)	103-65-1	NA	ID	ID	NA	2.50E+06	ID	NA	8.00E+06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	127-18-4	NA	1,200 (X)	1.10E+04	6.2(M)	2.0E+5 (C)	2.10E+04	19 (M)	9.3E+5 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene	79-01-6	NA	4,000 (X)	1,000	0.33 (M)	1.1E+5 (DD)	1,900	1.0 (M)	6.6E+5 (C,DD)	ND	ND	ND	ND	ND	**87.1**	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trimethylbenzene	526-73-8	NA	ID	1.4E+5 (C)	270	ID	1.4E+5 (C)	1200	ID	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene (I)	95-63-6	NA	570	4.3E+6 (C)	150	3.2E+7 (C)	8.0E+6 (C)	650	1.0E+8 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene (I)	108-67-8	NA	1,100	2.6E+6 (C)	100	3.2E+7 (C)	4.8E+6 (C)	450	1.0E+8 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	87.1	ND	ND	ND	ND	ND	ND	ND	ND	ND

Only detected analytes or compounds are listed
Concentrations are in micrograms per kilogram (ug/Kg)
Shaded cells indicate an exceedance of GSI Protection Criteria and Background
Shaded cells indicate an exceedance of Default Background
Bold cells indicate an exceedance of Residential Direct Contact Criteria and Background
Italic cells indicate an exceedance of Nonresidential Direct Contact Criteria and Background
Red text indicates an exceedance of Residential or Nonresidential RIASLs
Red italic text indicates an exceedance of Residential or Nonresidential RIASLs and SVIAI Criteria
Chromium Criteria are for Chromium VI
Cleanup Criteria for 1,2,3-Trimethylbenzene based on MDEQ memo dated April 26, 2007
NA - Not applicable
NLV - Hazardous Substance is not likely to volatilize under most conditions
NLL - Hazardous substance is not likely to leach under most conditions
(B) - Background may be substituted if higher than the calculated cleanup criterion
(D) - Calculated criterion exceeds 100 percent, hence is reduced to 100 percent or 1.0E+9 ppb
(DD) - Hazardous substance causes developmental effects
(G) - GSI criterion calculated per Generic Facility-Specific Part 201 calculation using generic default values
(X) - The GSI criterion shown is not protective of surface water that is used as a drinking water source

TABLE 1
SOIL ANALYTICAL SUMMARY
PEREGRINE FALCON SITE 7C
11031 and 11081 SHOEMAKER

Parameters* *(Refer to detailed laboratory report for method reference data)*	**Chemical Abstract Service Number**	**Statewide Default Background Levels**	**Groundwater Surface Water Interface Protection Criteria**	**Residential Soil Volatilization to Indoor Air Inhalation (SVIAI) Criteria**	**Residential Recommended Interim Action Screening Levels (RIASL)**	**Residential Direct Contact Criteria**	**Nonresidential Soil Volatilization to Indoor Air Inhalation (SVIAI) Criteria**	**Nonresidential Recommended Interim Action Screening Levels (RIASL)**	**Nonresidential Direct Contact Criteria**	SB-8 (Site 7C) 3/6/2019 6-7	SB-9 (Site 7C) 3/6/2019 3-4	SB-9 (Site 7C) 3/6/2019 7-8	SB-10 (Site 7C) 3/6/2019 2-3	SB-10 (Site 7C) 3/6/2019 4-5	SB-11 (Site 7C) 3/6/2019 3-4	SB-11 (Site 7C) 3/6/2019 7-8	SB-12 (Site 7C) 3/6/2019 1-2	SB-12 (Site 7C) 3/6/2019 5-6	SB-13 (Site 7C) 3/6/2019 1-2	SB-13 (Site 7C) 3/6/2019 3-4	SB-14 (Site 7C) 3/7/2019 1-2	SB-14 (Site 7C) 3/7/2019 3-4	SB-15 (Site 7C) 3/7/2019 2-3	SB-15 (Site 7C) 3/7/2019 6-7
Metals ug/Kg																									
Arsenic	7440-38-2	5,800	4,600	NLV	NA	7,600	NLV	NA	37,000	5,180	5,400	1,900	3,310	4,460	**7,930**	**11,000**	3,380	7,180	1,980	6,100	5,790	5,530	4,640	4,210
Barium (B)	7440-39-3	75,000	(G)	NLV	NA	3.70E+07	NLV	NA	1.30E+08	83,700	110,000	94,100	54,300	85,700	90,300	64,400	82,600	116,000	268,000	78,000	39,800	58,400	96,800	74,500
Cadmium (B)	7440-43-9	1,200	(G,X)	NLV	NA	5.50E+05	NLV	NA	2.10E+06	428	190	224	222	199	192	341	459,000	9,980	31,700	132	70,600	82,100	372	264
Chromium, Total	7440-47-3	18,000 (total)	3,300	NLV	NA	2.50E+06	NLV	NA	9.20E+06	16,900	23,300	20,400	9,530	15,600	21,600	18,300	15,600	21,600	14,300	16,100	18,300	18,400	14,100	19,000
Copper (B)	7440-50-8	32,000	(G)	NLV	NA	2.00E+07	NLV	NA	7.30E+07	19,800	18,500	15,600	24,600	11,200	16,300	14,600	13,500	18,800	8,040,000	12,600	11,600	46,300	11,400	16,600
Lead (B)	7439-92-1	21,000	(G,X)	NLV	NA	4.00E+05	NLV	NA	9.0E+5 (DD)	17,200	11,800	11,200	20,500	15,400	13,900	11,600	24,300	15,400	122,000	18,900	20,600	19,400	17,600	10,400
Mercury, Total	7439-97-6	130	50 (M); 1.2	48,000	0.027	1.60E+05	89,000	0.12	5.80E+05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium (B)	7782-49-2	410	400	NLV	NA	2.60E+06	NLV	NA	9.60E+06	842	1,340	1,260	637	1,010	1,250	ND	704	ND	741	825	842	1,590	1,460	1,140
Silver (B)	7440-22-4	1,000	100 (M); 27	NLV	NA	2.50E+06	NLV	NA	9.00E+06	ND	ND	61.9	76.3	61.0	ND	ND	73.0	ND	3,120	ND	ND	84.6	ND	66.6
Zinc (B)	7440-66-6	47,000	(G)	NLV	NA	1.70E+08	NLV	NA	6.30E+08	65,500	53,500	57,800	41,700	44,300	48,500	50,800	240,000	55,400	850,000	51,500	3,650,000	5,010,000	43,100	43,500
Semivolatiles ug/Kg																									
Acenaphthene	83-32-9	NA	8,700	1.90E+08	NA	4.40E+07	3.50E+08	NA	1.30E+08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	120-12-7	NA	ID	1.0E+9 (D)	NA	2.30E+08	1.0E+9 (D)	NA	7.30E+08	ND	ND	ND	ND	ND	ND	ND	ND	ND	393	ND	ND	ND	ND	ND
Benzo(a)anthracene (Q)	56-55-3	NA	NLL	NLV	NA	20,000	NLV	NA	80,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,620	ND	ND	ND	ND	ND
Benzo(a)pyrene (Q)	50-32-8	NA	NLL	NLV	NA	2,000	NLV	NA	8,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,150	ND	ND	ND	ND	ND
Benzo(b)fluoranthene (Q)	205-99-2	NA	NLL	ID	NA	20,000	ID	NA	80,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,540	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	191-24-2	NA	NLL	NLV	NA	2.50E+06	NLV	NA	7.00E+06	ND	ND	ND	ND	ND	ND	ND	ND	ND	629	ND	ND	ND	ND	ND
Benzo(k)fluoranthene (Q)	207-08-9	NA	NLL	NLV	NA	2.00E+05	NLV	NA	8.00E+05	ND	ND	ND	ND	ND	ND	ND	ND	ND	511	ND	ND	ND	ND	ND
Chrysene (Q)	218-01-9	NA	NLL	ID	NA	2.00E+06	ID	NA	8.00E+06	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,570	ND	522	ND	ND	ND
Dibenzofuran	132-64-9	NA	1,700	2.00E+06	NA	ID	3.60E+06	NA	ID	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	206-44-0	NA	5,500	1.0E+9 (D)	NA	4.60E+07	1.0E+9 (D)	NA	1.30E+08	ND	ND	ND	536	ND	ND	ND	ND	ND	2,060	ND	ND	ND	ND	ND
Flourene	86-37-7	NA	5,300	5.80E+08	NA	2.7E+7 (C)	1.0E+9 (D)	NA	8.7E+7 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene (Q)	193-39-5	NA	NLL	NLV	NA	20,000	NLV	NA	80,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	542	ND	ND	ND	ND	ND
2-Methylnaphthalene	91-57-6	NA	4,200	2.70E+06	NA	8.10E+06	4.90E+06	NA	2.60E+07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	85-01-8	NA	2,100	2.80E+06	NA	1.60E+06	5.10E+06	NA	5.20E+06	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,430	ND	ND	ND	ND	ND
Pyrene	129-00-0	NA	ID	1.0E+9 (D)	NA	2.90E+07	1.0E+9 (D)	NA	8.40E+07	ND	ND	ND	527	ND	ND	ND	ND	ND	2,080	ND	ND	ND	ND	ND
Total SVOCs										ND	ND	ND	1,063	ND	ND	ND	ND	ND	13,525	ND	522	ND	ND	ND
Volatiles, VOCs ug/Kg																									
n-Butylbenzeze	104-51-8	NA	ID	ID	NA	2.50E+06	ID	NA	8.00E+06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	NA	12,000	22,000	2.1 (M)	2.5E+6 (C)	41,000	9.2 (M)	8.0E+6 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	91-20-3	NA	730	2.50E+05	NA	1.60E+07	4.70E+05	NA	5.20E+07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene (I)	103-65-1	NA	ID	ID	NA	2.50E+06	ID	NA	8.00E+06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	127-18-4	NA	1,200 (X)	1.10E+04	6.2(M)	2.0E+5 (C)	2.10E+04	19 (M)	9.3E+5 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene	79-01-6	NA	4,000 (X)	1,000	0.33 (M)	1.1E+5 (DD)	1,900	1.0 (M)	6.6E+5 (C,DD)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trimethylbenzene	526-73-8	NA	ID	1.4E+5 (C)	270	ID	1.4E+5 (C)	1200	ID	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene (I)	95-63-6	NA	570	4.3E+6 (C)	150	3.2E+7 (C)	8.0E+6 (C)	650	1.0E+8 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene (I)	108-67-8	NA	1,100	2.6E+6 (C)	100	3.2E+7 (C)	4.8E+6 (C)	450	1.0E+8 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Only detected analytes or compounds are listed
Concentrations are in micrograms per kilogram (ug/Kg)
Shaded cells indicate an exceedance of GSI Protection Criteria and Background
Shaded cells indicate an exceedance of Default Background
Bold cells indicate an exceedance of Residential Direct Contact Criteria and Background
Italic cells indicate an exceedance of Nonresidential Direct Contact Criteria and Background
Red text indicates an exceedance of Residential or Nonresidential RIASLs
Red italic text indicates an exceedance of Residential or Nonresidential RIASLs and SVIAI Criteria
Chromium Criteria are for Chromium VI
Cleanup Criteria for 1,2,3-Trimethylbenzene based on MDEQ memo dated April 26, 2007
NA - Not applicable
NLV - Hazardous Substance is not likely to volatilize under most conditions
NLL - Hazardous substance is not likely to leach under most conditions
(B) - Background may be substituted if higher than the calculated cleanup criterion
(D) - Calculated criterion exceeds 100 percent, hence is reduced to 100 percent or 1.0E+9 ppb
(DD) - Hazardous substance causes developmental effects
(G) - GSI criterion calculated per Generic Facility-Specific Part 201 calculation using generic default values
(X) - The GSI criterion shown is not protective of surface water that is used as a drinking water source

TABLE 1
SOIL ANALYTICAL SUMMARY
PEREGRINE FALCON SITE 7C
11031 and 11081 SHOEMAKER

Parameters* **(Refer to detailed laboratory report for method reference data)*	**Chemical Abstract Service Number**	**Statewide Default Background Levels**	**Groundwater Surface Water Interface Protection Criteria**	**Residential Soil Volatilization to Indoor Air Inhalation (SVIAI) Criteria**	**Residential Recommended Interim Action Screening Levels (RIASL)**	**Residential Direct Contact Criteria**	**Nonresidential Soil Volatilization to Indoor Air Inhalation (SVIAI) Criteria**	**Nonresidential Recommended Interim Action Screening Levels (RIASL)**	**Nonresidential Direct Contact Criteria**	SB-16 (Site 7C) 3/7/2019 4-5	SB-16 (Site 7C) 3/7/2019 5-6	SB-17 (Site 7C) 3/7/2019 1-2	SB-17 (Site 7C) 3/7/2019 3-4	SB-18 (Site 7C) 3/7/2019 1-2	SB-18 (Site 7C) 3/7/2019 5-6	SB-19 (Site 7C) 3/7/2019 4-5	SB-19 (Site 7C) 3/7/2019 5-6	SB-20 (Site 7C) 3/7/2019 2-3	SB-20 (Site 7C) 3/7/2019 6-7	SB-21 (Site 7C) 3/7/2019 1-2	SB-21 (Site 7C) 3/7/2019 3-4	SB-22 (Site 7C) 3/7/2019 2-3	SB-22 (Site 7C) 3/7/2019 8-9
Metals ug/Kg																								
Arsenic	7440-38-2	5,800	4,600	NLV	NA	7,600	NLV	NA	37,000	**10,900**	6,000	3,570	1,770	**10,100**	6,440	**30,900**	5,520	4,270	4,480	4,630	4,280	4,230	5,630
Barium (B)	7440-39-3	75,000	(G)	NLV	NA	3.70E+07	NLV	NA	1.30E+08	167,000	90,900	61,000	54,400	64,600	72,700	62,300	101,000	21,400	74,000	44,900	68,300	22,400	121,000
Cadmium (B)	7440-43-9	1,200	(G,X)	NLV	NA	5.50E+05	NLV	NA	2.10E+06	1,040	1,220	1,330	103	93,500	807	**973,000**	2,790	202	129	185	152	149	255
Chromium, Total	7440-47-3	18,000 (total)	3,300	NLV	NA	2.50E+06	NLV	NA	9.20E+06	13,300	18,300	7,910	13,900	14,800	32,400	92,200	27,900	12,500	18,200	9,940	22,000	8,100	32,600
Copper (B)	7440-50-8	32,000	(G)	NLV	NA	2.00E+07	NLV	NA	7.30E+07	24,400	15,600	29,100	5,550	24,700	33,600	**720,000,000**	41,200	12,800	10,700	8,960	12,600	8,210	35,200
Lead (B)	7439-92-1	21,000	(G,X)	NLV	NA	4.00E+05	NLV	NA	9.0E+5 (DD)	240,000	8,870	10,100	8,650	56,800	84,400	***41,100,000***	44,700	5,590	6,880	9,750	8,260	5,530	13,200
Mercury, Total	7439-97-6	130	50 (M); 1.2	48,000	0.027	1.60E+05	89,000	0.12	5.80E+05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium (B)	7782-49-2	410	400	NLV	NA	2.60E+06	NLV	NA	9.60E+06	899	1,250	ND	933	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver (B)	7440-22-4	1,000	100 (M); 27	NLV	NA	2.50E+06	NLV	NA	9.00E+06	ND	ND	ND	ND	ND	103	221,000	ND	ND	ND	ND	ND	ND	ND
Zinc (B)	7440-66-6	47,000	(G)	NLV	NA	1.70E+08	NLV	NA	6.30E+08	84,600	45,500	202,000	32,800	4,330,000	160,000	10,200,000	59,500	18,600	42,900	29,000	37,200	63,900	72,600
Semivolatiles ug/Kg																								
Acenaphthene	83-32-9	NA	8,700	1.90E+08	NA	4.40E+07	3.50E+08	NA	1.30E+08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	120-12-7	NA	ID	1.0E+9 (D)	NA	2.30E+08	1.0E+9 (D)	NA	7.30E+08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene (Q)	56-55-3	NA	NLL	NLV	NA	20,000	NLV	NA	80,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene (Q)	50-32-8	NA	NLL	NLV	NA	2,000	NLV	NA	8,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene (Q)	205-99-2	NA	NLL	ID	NA	20,000	ID	NA	80,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	191-24-2	NA	NLL	NLV	NA	2.50E+06	NLV	NA	7.00E+06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene (Q)	207-08-9	NA	NLL	NLV	NA	2.00E+05	NLV	NA	8.00E+05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene (Q)	218-01-9	NA	NLL	ID	NA	2.00E+06	ID	NA	8.00E+06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	132-64-9	NA	1,700	2.00E+06	NA	ID	3.60E+06	NA	ID	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	206-44-0	NA	5,500	1.0E+9 (D)	NA	4.60E+07	1.0E+9 (D)	NA	1.30E+08	ND	ND	ND	ND	ND	ND	ND	508	ND	ND	ND	ND	ND	ND
Flourene	86-37-7	NA	5,300	5.80E+08	NA	2.7E+7 (C)	1.0E+9 (D)	NA	8.7E+7 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene (Q)	193-39-5	NA	NLL	NLV	NA	20,000	NLV	NA	80,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	91-57-6	NA	4,200	2.70E+06	NA	8.10E+06	4.90E+06	NA	2.60E+07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	85-01-8	NA	2,100	2.80E+06	NA	1.60E+06	5.10E+06	NA	5.20E+06	ND	ND	ND	ND	ND	ND	2,690	581	ND	ND	ND	ND	ND	ND
Pyrene	129-00-0	NA	ID	1.0E+9 (D)	NA	2.90E+07	1.0E+9 (D)	NA	8.40E+07	ND	ND	ND	ND	ND	ND	ND	648	ND	ND	ND	ND	ND	ND
Total SVOCs										ND	ND	ND	ND	ND	ND	2,690	1,737	ND	ND	ND	ND	ND	ND
Volatiles, VOCs ug/Kg																								
n-Butylbenzeze	104-51-8	NA	ID	ID	NA	2.50E+06	ID	NA	8.00E+06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	NA	12,000	22,000	2.1 (M)	2.5E+6 (C)	41,000	9.2 (M)	8.0E+6 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**109**	ND	ND	ND
Naphthalene	91-20-3	NA	730	2.50E+05	NA	1.60E+07	4.70E+05	NA	5.20E+07	ND	ND	ND	ND	ND	ND	58.1	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene (I)	103-65-1	NA	ID	ID	NA	2.50E+06	ID	NA	8.00E+06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	127-18-4	NA	1,200 (X)	1.10E+04	6.2(M)	2.0E+5 (C)	2.10E+04	19 (M)	9.3E+5 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**103**	ND	ND	ND
Trichloroethylene	79-01-6	NA	4,000 (X)	1,000	0.33 (M)	1.1E+5 (DD)	1,900	1.0 (M)	6.6E+5 (C,DD)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**120**	ND	ND	**317**
1,2,3-Trimethylbenzene	526-73-8	NA	ID	1.4E+5 (C)	270	ID	1.4E+5 (C)	1200	ID	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene (I)	95-63-6	NA	570	4.3E+6 (C)	150	3.2E+7 (C)	8.0E+6 (C)	650	1.0E+8 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene (I)	108-67-8	NA	1,100	2.6E+6 (C)	100	3.2E+7 (C)	4.8E+6 (C)	450	1.0E+8 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	58.1	ND	ND	ND	332.0	ND	ND	317.0

Only detected analytes or compounds are listed
Concentrations are in micrograms per kilogram (ug/Kg)
Shaded cells indicate an exceedance of GSI Protection Criteria and Background
Shaded cells indicate an exceedance of Default Background
Bold cells indicate an exceedance of Residential Direct Contact Criteria and Background
Italic cells indicate an exceedance of Nonresidential Direct Contact Criteria and Background
Red text indicates an exceedance of Residential or Nonresidential RIASLs
Red italic text indicates an exceedance of Residential or Nonresidential RIASLs and SVIAI Criteria
Chromium Criteria are for Chromium VI
Cleanup Criteria for 1,2,3-Trimethylbenzene based on MDEQ memo dated April 26, 2007
NA - Not applicable
NLV - Hazardous Substance is not likely to volatilize under most conditions
NLL - Hazardous substance is not likely to leach under most conditions
(B) - Background may be substituted if higher than the calculated cleanup criterion
(D) - Calculated criterion exceeds 100 percent, hence is reduced to 100 percent or 1.0E+9 ppb
(DD) - Hazardous substance causes developmental effects
(G) - GSI criterion calculated per Generic Facility-Specific Part 201 calculation using generic default values
(X) - The GSI criterion shown is not protective of surface water that is used as a drinking water source

TABLE 1
SOIL ANALYTICAL SUMMARY
PEREGRINE FALCON SITE 7C
11031 and 11081 SHOEMAKER

Parameters* **(Refer to detailed laboratory report for method reference data)*	**Chemical Abstract Service Number**	**Statewide Default Background Levels**	**Groundwater Surface Water Interface Protection Criteria**	**Residential Soil Volatilization to Indoor Air Inhalation (SVIAI) Criteria**	**Residential Recommended Interim Action Screening Levels (RIASL)**	**Residential Direct Contact Criteria**	**Nonresidential Soil Volatilization to Indoor Air Inhalation (SVIAI) Criteria**	**Nonresidential Recommended Interim Action Screening Levels (RIASL)**	**Nonresidential Direct Contact Criteria**	SB-23 (Site 7C) 3/7/2019 1-2	SB-23 (Site 7C) 3/7/2019 14-15	SB-24 (Site 7C) 3/7/2019 0-1	SB-24 (Site 7C) 3/7/2019 4-5	SB-25 (Site 7C) 3/7/2019 0-1	SB-25 (Site 7C) 3/7/2019 2-3	SB-26 (Site 7C) 3/7/2019 9-10	SB-27 (Site 7C) 3/7/2019 3-4	SB-27 (Site 7C) 3/7/2019 6-7	SB-28 (Site 7C) 3/7/2019 2-3	SB-29 (Site 7C) 3/7/2019 1-2	SB-29 (Site 7C) 3/7/2019 4-5	SB-30 (Site 7C) 3/7/2019 1-2	SB-30 (Site 7C) 3/7/2019 4-5	SB-31 (Site 7C) 3/8/2019 3-4
Metals ug/Kg																									
Arsenic	7440-38-2	5,800	4,600	NLV	NA	7,600	NLV	NA	37,000	4,250	5,220	**9,220**	**8,050**	3,510	6,940	**8,780**	5,300	**11,800**	5,140	3,450	**12,800**	5,810	2,480	**11,100**
Barium (B)	7440-39-3	75,000	(G)	NLV	NA	3.70E+07	NLV	NA	1.30E+08	42,500	72,500	83,400	85,300	18,900	92,900	122,000	147,000	66,000	103,000	30,400	135,000	228,000	29,800	137,000
Cadmium (B)	7440-43-9	1,200	(G,X)	NLV	NA	5.50E+05	NLV	NA	2.10E+06	149	188	3,370	440	182	203	207	1,800	2,540	372	5,180	227	7,770	80.4	257
Chromium, Total	7440-47-3	18,000 (total)	3,300	NLV	NA	2.50E+06	NLV	NA	9.20E+06	8,760	25,500	17,000	21,100	8,690	27,800	24,800	37,100	1,200,000	19,600	6,610	29,100	21,800	6,960	25,000
Copper (B)	7440-50-8	32,000	(G)	NLV	NA	2.00E+07	NLV	NA	7.30E+07	6,720	14,500	245,000	14,300	4,310	21,600	21,700	104,000	298,000	16,200	2,240,000	19,600	1,190,000	2,730	25,000
Lead (B)	7439-92-1	21,000	(G,X)	NLV	NA	4.00E+05	NLV	NA	9.0E+5 (DD)	9,200	8,910	284,000	10,800	5,010	10,500	13,400	145,000	51,100	22,300	**408,000**	13,000	***1,870,000***	5,030	16,300
Mercury, Total	7439-97-6	130	50 (M); 1.2	48,000	0.027	1.60E+05	89,000	0.12	5.80E+05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium (B)	7782-49-2	410	400	NLV	NA	2.60E+06	NLV	NA	9.60E+06	ND	ND	ND	ND	ND	ND	ND	ND	781	ND	ND	1,420	ND	665	1,470
Silver (B)	7440-22-4	1,000	100 (M); 27	NLV	NA	2.50E+06	NLV	NA	9.00E+06	ND	ND	82.3	ND	ND	ND	ND	225	632	ND	501	88.9	524	ND	66.1
Zinc (B)	7440-66-6	47,000	(G)	NLV	NA	1.70E+08	NLV	NA	6.30E+08	22,200	39,200	491,000	45,100	12,400	59,500	60,000	250,000	224,000	61,700	1,070,000	65,000	512,000	16,100	60,800
Semivolatiles ug/Kg																								
Acenaphthene	83-32-9	NA	8,700	1.90E+08	NA	4.40E+07	3.50E+08	NA	1.30E+08	ND	ND	ND	ND	ND	ND	ND	13,200	ND	ND	ND	ND	ND	ND	ND
Anthracene	120-12-7	NA	ID	1.0E+9 (D)	NA	2.30E+08	1.0E+9 (D)	NA	7.30E+08	ND	ND	772	ND	ND	ND	ND	10,800	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene (Q)	56-55-3	NA	NLL	NLV	NA	20,000	NLV	NA	80,000	ND	ND	2,010	ND	ND	ND	ND	17,200	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene (Q)	50-32-8	NA	NLL	NLV	NA	2,000	NLV	NA	8,000	ND	ND	1,300	ND	ND	ND	ND	***10,700***	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene (Q)	205-99-2	NA	NLL	ID	NA	20,000	ID	NA	80,000	ND	ND	1,840	ND	ND	ND	ND	13,700	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	191-24-2	NA	NLL	NLV	NA	2.50E+06	NLV	NA	7.00E+06	ND	ND	913	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene (Q)	207-08-9	NA	NLL	NLV	NA	2.00E+05	NLV	NA	8.00E+05	ND	ND	635	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene (Q)	218-01-9	NA	NLL	ID	NA	2.00E+06	ID	NA	8.00E+06	ND	ND	1,680	ND	ND	ND	ND	16,800	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	132-64-9	NA	1,700	2.00E+06	NA	ID	3.60E+06	NA	ID	ND	ND	ND	ND	ND	ND	ND	10,200	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	206-44-0	NA	5,500	1.0E+9 (D)	NA	4.60E+07	1.0E+9 (D)	NA	1.30E+08	ND	ND	4,100	ND	ND	ND	ND	46,900	ND	ND	ND	ND	ND	ND	ND
Flourene	86-37-7	NA	5,300	5.80E+08	NA	2.7E+7 (C)	1.0E+9 (D)	NA	8.7E+7 (C)	ND	ND	ND	ND	ND	ND	ND	13,100	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene (Q)	193-39-5	NA	NLL	NLV	NA	20,000	NLV	NA	80,000	ND	ND	762	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	91-57-6	NA	4,200	2.70E+06	NA	8.10E+06	4.90E+06	NA	2.60E+07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	85-01-8	NA	2,100	2.80E+06	NA	1.60E+06	5.10E+06	NA	5.20E+06	ND	ND	3,220	ND	ND	ND	ND	52,300	ND	ND	ND	550	ND	ND	ND
Pyrene	129-00-0	NA	ID	1.0E+9 (D)	NA	2.90E+07	1.0E+9 (D)	NA	8.40E+07	ND	ND	3,800	ND	ND	ND	ND	41,000	ND	ND	ND	ND	ND	ND	ND
Total SVOCs										ND	ND	21,032	ND	ND	ND	ND	245,900	ND	ND	ND	550	ND	ND	ND
Volatiles, VOCs ug/Kg																								
n-Butylbenzeze	104-51-8	NA	ID	ID	NA	2.50E+06	ID	NA	8.00E+06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	NA	12,000	22,000	2.1 (M)	2.5E+6 (C)	41,000	9.2 (M)	8.0E+6 (C)	ND	ND	ND	ND	ND	ND	ND	**315**	ND	ND	ND	ND	ND	ND	ND
Naphthalene	91-20-3	NA	730	2.50E+05	NA	1.60E+07	4.70E+05	NA	5.20E+07	ND	ND	ND	ND	ND	ND	ND	ND	486	ND	ND	ND	ND	ND	ND
n-Propylbenzene (I)	103-65-1	NA	ID	ID	NA	2.50E+06	ID	NA	8.00E+06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	127-18-4	NA	1,200 (X)	1.10E+04	6.2(M)	2.0E+5 (C)	2.10E+04	19 (M)	9.3E+5 (C)	ND	ND	ND	ND	ND	ND	**168**	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene	79-01-6	NA	4,000 (X)	1,000	0.33 (M)	1.1E+5 (DD)	1,900	1.0 (M)	6.6E+5 (C,DD)	ND	ND	ND	ND	ND	ND	ND	**7,040**	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trimethylbenzene	526-73-8	NA	ID	1.4E+5 (C)	270	ID	1.4E+5 (C)	1200	ID	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene (I)	95-63-6	NA	570	4.3E+6 (C)	150	3.2E+7 (C)	8.0E+6 (C)	650	1.0E+8 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene (I)	108-67-8	NA	1,100	2.6E+6 (C)	100	3.2E+7 (C)	4.8E+6 (C)	450	1.0E+8 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	7,523.0	486.0	ND	ND	ND	ND	ND	ND

Only detected analytes or compounds are listed
Concentrations are in micrograms per kilogram (ug/Kg)
Shaded cells indicate an exceedance of GSI Protection Criteria and Background
Shaded cells indicate an exceedance of Default Background
Bold cells indicate an exceedance of Residential Direct Contact Criteria and Background
Italic cells indicate an exceedance of Nonresidential Direct Contact Criteria and Background
Red text indicates an exceedance of Residential or Nonresidential RIASLs
Red italic text indicates an exceedance of Residential or Nonresidential RIASLs and SVIAI Criteria
Chromium Criteria are for Chromium VI
Cleanup Criteria for 1,2,3-Trimethylbenzene based on MDEQ memo dated April 26, 2007
NA - Not applicable
NLV - Hazardous Substance is not likely to volatilize under most conditions
NLL - Hazardous substance is not likely to leach under most conditions
(B) - Background may be substituted if higher than the calculated cleanup criterion
(D) - Calculated criterion exceeds 100 percent, hence is reduced to 100 percent or 1.0E+9 ppb
(DD) - Hazardous substance causes developmental effects
(G) - GSI criterion calculated per Generic Facility-Specific Part 201 calculation using generic default values
(X) - The GSI criterion shown is not protective of surface water that is used as a drinking water source

TABLE 1
SOIL ANALYTICAL SUMMARY
PEREGRINE FALCON SITE 7C
11031 and 11081 SHOEMAKER

Parameters* **(Refer to detailed laboratory report for method reference data)*	**Chemical Abstract Service Number**	**Statewide Default Background Levels**	**Groundwater Surface Water Interface Protection Criteria**	**Residential Soil Volatilization to Indoor Air Inhalation (SVIAI) Criteria**	**Residential Recommended Interim Action Screening Levels (RIASL)**	**Residential Direct Contact Criteria**	**Nonresidential Soil Volatilization to Indoor Air Inhalation (SVIAI) Criteria**	**Nonresidential Recommended Interim Action Screening Levels (RIASL)**	**Nonresidential Direct Contact Criteria**	SB-31 (Site 7C) 3/8/2019 6-7	SB-32 (Site 7C) 3/8/2019 2-3	SB-33 (Site 7C) 3/8/2019 4-5	SB-33 (Site 7C) 3/8/2019 5-6	SB-34 (Site 7C) 3/8/2019 2-3	SB-34 (Site 7C) 3/8/2019 4-5	SB-35 (Site 7C) 3/8/2019 1-2	SB-35 (Site 7C) 3/8/2019 4-5	SB-36 (Site 7C) 3/8/2019 2-3	SB-36 (Site 7C) 3/8/2019 5-6	SB-37 (Site 7C) 3/8/2019 1-2	SB-37 (Site 7C) 3/8/2019 4-5	SB-38 (Site 7C) 3/8/2019 1-2	SB-38 (Site 7C) 3/8/2019 7-8
Metals ug/Kg																								
Arsenic	7440-38-2	5,800	4,600	NLV	NA	7,600	NLV	NA	37,000	**9,720**	**8,380**	872	5,360	3,300	2,640	**7,720**	2,420	1,580	4,190	3,590	4,580	**8,250**	**11,500**
Barium (B)	7440-39-3	75,000	(G)	NLV	NA	3.70E+07	NLV	NA	1.30E+08	79,900	108,000	11,900	129,000	55,900	43,800	107,000	55,500	30,800	150,000	31,300	59,400	77,100	89,200
Cadmium (B)	7440-43-9	1,200	(G,X)	NLV	NA	5.50E+05	NLV	NA	2.10E+06	195	215	78.1	99.4	21,200	97.3	39,500	190	293,000	1,580	610	282	47,700	386
Chromium, Total	7440-47-3	18,000 (total)	3,300	NLV	NA	2.50E+06	NLV	NA	9.20E+06	17,200	22,000	4,770	21,900	9,570	10,700	8,450	10,800	6,820	24,100	10,200	11,700	8,500	24,200
Copper (B)	7440-50-8	32,000	(G)	NLV	NA	2.00E+07	NLV	NA	7.30E+07	18,800	11,600	1,740	17,700	5,890,000	4,040	2,120,000	16,800	13,900,000	25,700	47,200	9,780	1,370,000	24,000
Lead (B)	7439-92-1	21,000	(G,X)	NLV	NA	4.00E+05	NLV	NA	9.0E+5 (DD)	11,500	17,700	1,970	11,500	***1,120,000***	5,460	**687,000**	8,710	***1,260,000***	13,900	25,100	9,840	237,000	15,900
Mercury, Total	7439-97-6	130	50 (M); 1.2	48,000	0.027	1.60E+05	89,000	0.12	5.80E+05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium (B)	7782-49-2	410	400	NLV	NA	2.60E+06	NLV	NA	9.60E+06	1,260	1,540	263	1,490	652	666	3,570	797	344	1,230	ND	674	2,640	ND
Silver (B)	7440-22-4	1,000	100 (M); 27	NLV	NA	2.50E+06	NLV	NA	9.00E+06	79.9	ND	ND	ND	1,860	ND	622	ND	3,430	128	80.1	ND	ND	67.8
Zinc (B)	7440-66-6	47,000	(G)	NLV	NA	1.70E+08	NLV	NA	6.30E+08	50,200	51,300	7,050	56,700	1,090,000	21,700	1,040,000	37,000	3,550,000	59,600	61,400	37,800	417,000	61,100
Semivolatiles ug/Kg																								
Acenaphthene	83-32-9	NA	8,700	1.90E+08	NA	4.40E+07	3.50E+08	NA	1.30E+08	ND	ND	ND	ND	ND	741	ND	ND	713	ND	ND	ND	ND	ND
Anthracene	120-12-7	NA	ID	1.0E+9 (D)	NA	2.30E+08	1.0E+9 (D)	NA	7.30E+08	ND	ND	ND	ND	ND	1,170	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene (Q)	56-55-3	NA	NLL	NLV	NA	20,000	NLV	NA	80,000	ND	ND	ND	ND	ND	ND	ND	ND	423	ND	ND	ND	ND	ND
Benzo(a)pyrene (Q)	50-32-8	NA	NLL	NLV	NA	2,000	NLV	NA	8,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene (Q)	205-99-2	NA	NLL	ID	NA	20,000	ID	NA	80,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	191-24-2	NA	NLL	NLV	NA	2.50E+06	NLV	NA	7.00E+06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene (Q)	207-08-9	NA	NLL	NLV	NA	2.00E+05	NLV	NA	8.00E+05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene (Q)	218-01-9	NA	NLL	ID	NA	2.00E+06	ID	NA	8.00E+06	ND	ND	815	ND	ND	857	ND	ND	1,540	ND	ND	ND	ND	ND
Dibenzofuran	132-64-9	NA	1,700	2.00E+06	NA	ID	3.60E+06	NA	ID	ND	ND	ND	ND	ND	768	ND	ND	802	ND	ND	ND	ND	ND
Fluoranthene	206-44-0	NA	5,500	1.0E+9 (D)	NA	4.60E+07	1.0E+9 (D)	NA	1.30E+08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	658	ND	ND	ND
Flourene	86-37-7	NA	5,300	5.80E+08	NA	2.7E+7 (C)	1.0E+9 (D)	NA	8.7E+7 (C)	ND	ND	ND	ND	ND	1,740	ND	ND	807	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene (Q)	193-39-5	NA	NLL	NLV	NA	20,000	NLV	NA	80,000	ND	ND	ND	ND	ND	ND	ND	ND	1,790	ND	ND	ND	ND	ND
2-Methylnaphthalene	91-57-6	NA	4,200	2.70E+06	NA	8.10E+06	4.90E+06	NA	2.60E+07	ND	ND	ND	ND	21,500	12,500	6,790	ND	9,330	ND	ND	ND	4,670	ND
Phenanthrene	85-01-8	NA	2,100	2.80E+06	NA	1.60E+06	5.10E+06	NA	5.20E+06	ND	ND	ND	ND	14,200	5,520	2,250	ND	5,740	ND	404	ND	2,640	ND
Pyrene	129-00-0	NA	ID	1.0E+9 (D)	NA	2.90E+07	1.0E+9 (D)	NA	8.40E+07	ND	ND	714	ND	ND	2,370	ND	ND	2,580	529	708	ND	ND	ND
Total SVOCs										ND	ND	1,529	ND	35,700	25,666	9,040	ND	23,725	529	1,770	ND	7,310	ND
Volatiles, VOCs ug/Kg																								
n-Butylbenzeze	104-51-8	NA	ID	ID	NA	2.50E+06	ID	NA	8.00E+06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	NA	12,000	22,000	2.1 (M)	2.5E+6 (C)	41,000	9.2 (M)	8.0E+6 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	91-20-3	NA	730	2.50E+05	NA	1.60E+07	4.70E+05	NA	5.20E+07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene (I)	103-65-1	NA	ID	ID	NA	2.50E+06	ID	NA	8.00E+06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	127-18-4	NA	1,200 (X)	1.10E+04	6.2(M)	2.0E+5 (C)	2.10E+04	19 (M)	9.3E+5 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene	79-01-6	NA	4,000 (X)	1,000	0.33 (M)	1.1E+5 (DD)	1,900	1.0 (M)	6.6E+5 (C,DD)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trimethylbenzene	526-73-8	NA	ID	1.4E+5 (C)	270	ID	1.4E+5 (C)	1200	ID	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene (I)	95-63-6	NA	570	4.3E+6 (C)	150	3.2E+7 (C)	8.0E+6 (C)	650	1.0E+8 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene (I)	108-67-8	NA	1,100	2.6E+6 (C)	100	3.2E+7 (C)	4.8E+6 (C)	450	1.0E+8 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Only detected analytes or compounds are listed
Concentrations are in micrograms per kilogram (ug/Kg)
Shaded cells indicate an exceedance of GSI Protection Criteria and Background
Shaded cells indicate an exceedance of Default Background
Bold cells indicate an exceedance of Residential Direct Contact Criteria and Background
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Red text indicates an exceedance of Residential or Nonresidential RIASLs
Red italic text indicates an exceedance of Residential or Nonresidential RIASLs and SVIAI Criteria
Chromium Criteria are for Chromium VI
Cleanup Criteria for 1,2,3-Trimethylbenzene based on MDEQ memo dated April 26, 2007
NA - Not applicable
NLV - Hazardous Substance is not likely to volatilize under most conditions
NLL - Hazardous substance is not likely to leach under most conditions
(B) - Background may be substituted if higher than the calculated cleanup criterion
(D) - Calculated criterion exceeds 100 percent, hence is reduced to 100 percent or 1.0E+9 ppb
(DD) - Hazardous substance causes developmental effects
(G) - GSI criterion calculated per Generic Facility-Specific Part 201 calculation using generic default values
(X) - The GSI criterion shown is not protective of surface water that is used as a drinking water source

TABLE 1
SOIL ANALYTICAL SUMMARY
PEREGRINE FALCON SITE 7C
11031 and 11081 SHOEMAKER

Parameters* *(Refer to detailed laboratory report for method reference data)*	**Chemical Abstract Service Number**	**Statewide Default Background Levels**	**Groundwater Surface Water Interface Protection Criteria**	**Residential Soil Volatilization to Indoor Air Inhalation (SVIAI) Criteria**	**Residential Recommended Interim Action Screening Levels (RIASL)**	**Residential Direct Contact Criteria**	**Nonresidential Soil Volatilization to Indoor Air Inhalation (SVIAI) Criteria**	**Nonresidential Recommended Interim Action Screening Levels (RIASL)**	**Nonresidential Direct Contact Criteria**	SB-39 (Site 7C) 3/8/2019 3-4	SB-39 (Site 7C) 3/8/2019 6-7	SB-40 (Site 7C) 3/8/2019 5-6	SB-40 (Site 7C) 3/8/2019 12-13	SB-41 (Site 7C) 3/8/2019 1-2	SB-41 (Site 7C) 3/8/2019 4-5	SB-42 (Site 7C) 3/8/2019 3-4	SB-42 (Site 7C) 3/8/2019 6-7	SB-43 (Site 7C) 3/8/2019 1-2	SB-44 (Site 7C) 3/8/2019 7-8	SB-44 (Site 7C) 3/8/2019 9-10
Metals ug/Kg																				
Arsenic	7440-38-2	5,800	4,600	NLV	NA	7,600	NLV	NA	37,000	**9,060**	4,180	2,510	5,020	6,130	4,170	4,650	**8,670**	3,940	3,200	**8,620**
Barium (B)	7440-39-3	75,000	(G)	NLV	NA	3.70E+07	NLV	NA	1.30E+08	137,000	68,400	29,100	65,600	151,000	37,100	42,900	128,000	23,600	26,200	112,000
Cadmium (B)	7440-43-9	1,200	(G,X)	NLV	NA	5.50E+05	NLV	NA	2.10E+06	36,000	338	223	164	4,450	279	302	245	114	1,570	138
Chromium, Total	7440-47-3	18,000 (total)	3,300	NLV	NA	2.50E+06	NLV	NA	9.20E+06	9,660	16,000	11,500	20,200	232,000	8,620	7,520	23,100	5,990	6,790	24,100
Copper (B)	7440-50-8	32,000	(G)	NLV	NA	2.00E+07	NLV	NA	7.30E+07	7,150,000	18,000	13,900	13,100	123,000	9,960	27,200	20,300	5,350	9,350	22,600
Lead (B)	7439-92-1	21,000	(G,X)	NLV	NA	4.00E+05	NLV	NA	9.0E+5 (DD)	***1,640,000***	10,200	7,800	8,000	99,200	43,700	48,500	14,100	7,160	69,500	13,400
Mercury, Total	7439-97-6	130	50 (M); 1.2	48,000	0.027	1.60E+05	89,000	0.12	5.80E+05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium (B)	7782-49-2	410	400	NLV	NA	2.60E+06	NLV	NA	9.60E+06	1,720	789	ND	ND	1,020	648	637	1,580	ND	ND	ND
Silver (B)	7440-22-4	1,000	100 (M); 27	NLV	NA	2.50E+06	NLV	NA	9.00E+06	773	ND	ND	ND	1,240	ND	ND	65.5	ND	ND	63.0
Zinc (B)	7440-66-6	47,000	(G)	NLV	NA	1.70E+08	NLV	NA	6.30E+08	21,000,000	79,000	40,300	42,700	105,000	156,000	67,300	59,000	24,100	74,100	59,700
Semivolatiles ug/Kg																				
Acenaphthene	83-32-9	NA	8,700	1.90E+08	NA	4.40E+07	3.50E+08	NA	1.30E+08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	120-12-7	NA	ID	1.0E+9 (D)	NA	2.30E+08	1.0E+9 (D)	NA	7.30E+08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene (Q)	56-55-3	NA	NLL	NLV	NA	20,000	NLV	NA	80,000	ND	ND	ND	ND	474	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene (Q)	50-32-8	NA	NLL	NLV	NA	2,000	NLV	NA	8,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene (Q)	205-99-2	NA	NLL	ID	NA	20,000	ID	NA	80,000	ND	ND	ND	ND	456	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	191-24-2	NA	NLL	NLV	NA	2.50E+06	NLV	NA	7.00E+06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene (Q)	207-08-9	NA	NLL	NLV	NA	2.00E+05	NLV	NA	8.00E+05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene (Q)	218-01-9	NA	NLL	ID	NA	2.00E+06	ID	NA	8.00E+06	ND	ND	ND	ND	418	ND	ND	ND	ND	ND	ND
Dibenzofuran	132-64-9	NA	1,700	2.00E+06	NA	ID	3.60E+06	NA	ID	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	206-44-0	NA	5,500	1.0E+9 (D)	NA	4.60E+07	1.0E+9 (D)	NA	1.30E+08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Flourene	86-37-7	NA	5,300	5.80E+08	NA	2.7E+7 (C)	1.0E+9 (D)	NA	8.7E+7 (C)	ND	ND	567	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene (Q)	193-39-5	NA	NLL	NLV	NA	20,000	NLV	NA	80,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	91-57-6	NA	4,200	2.70E+06	NA	8.10E+06	4.90E+06	NA	2.60E+07	3,950	ND	429	ND	498	ND	ND	ND	ND	ND	505
Phenanthrene	85-01-8	NA	2,100	2.80E+06	NA	1.60E+06	5.10E+06	NA	5.20E+06	ND	ND	1,300	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	129-00-0	NA	ID	1.0E+9 (D)	NA	2.90E+07	1.0E+9 (D)	NA	8.40E+07	ND	ND	ND	ND	527	ND	ND	ND	ND	ND	ND
Total SVOCs										3,950	ND	2,296	ND	2,373	ND	ND	ND	ND	ND	505
Volatiles, VOCs ug/Kg																				
n-Butylbenzeze	104-51-8	NA	ID	ID	NA	2.50E+06	ID	NA	8.00E+06	ND	ND	ND	ND	ND	ND	ND	ND	ND	68.6	98.5
Cis-1,2-Dichloroethene	156-59-2	NA	12,000	22,000	2.1 (M)	2.5E+6 (C)	41,000	9.2 (M)	8.0E+6 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	91-20-3	NA	730	2.50E+05	NA	1.60E+07	4.70E+05	NA	5.20E+07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene (I)	103-65-1	NA	ID	ID	NA	2.50E+06	ID	NA	8.00E+06	ND	ND	ND	ND	ND	ND	ND	ND	ND	69.1	149
Tetrachloroethylene	127-18-4	NA	1,200 (X)	1.10E+04	6.2(M)	2.0E+5 (C)	2.10E+04	19 (M)	9.3E+5 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene	79-01-6	NA	4,000 (X)	1,000	0.33 (M)	1.1E+5 (DD)	1,900	1.0 (M)	6.6E+5 (C,DD)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trimethylbenzene	526-73-8	NA	ID	1.4E+5 (C)	270	ID	1.4E+5 (C)	1200	ID	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	143
1,2,4-Trimethylbenzene (I)	95-63-6	NA	570	4.3E+6 (C)	150	3.2E+7 (C)	8.0E+6 (C)	650	1.0E+8 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	**235**	774
1,3,5-Trimethylbenzene (I)	108-67-8	NA	1,100	2.6E+6 (C)	100	3.2E+7 (C)	4.8E+6 (C)	450	1.0E+8 (C)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**219**
Total VOCs	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	372.7	1,383.5

Only detected analytes or compounds are listed
Concentrations are in micrograms per kilogram (ug/Kg)
Shaded cells indicate an exceedance of GSI Protection Criteria and Background
Shaded cells indicate an exceedance of Default Background
Bold cells indicate an exceedance of Residential Direct Contact Criteria and Background
Italic cells indicate an exceedance of Nonresidential Direct Contact Criteria and Background
Red text indicates an exceedance of Residential or Nonresidential RIASLs
Red italic text indicates an exceedance of Residential or Nonresidential RIASLs and SVIAI Criteria
Chromium Criteria are for Chromium VI
Cleanup Criteria for 1,2,3-Trimethylbenzene based on MDEQ memo dated April 26, 2007
NA - Not applicable
NLV - Hazardous Substance is not likely to volatilize under most conditions
NLL - Hazardous substance is not likely to leach under most conditions
(B) - Background may be substituted if higher than the calculated cleanup criterion
(D) - Calculated criterion exceeds 100 percent, hence is reduced to 100 percent or 1.0E+9 ppb
(DD) - Hazardous substance causes developmental effects
(G) - GSI criterion calculated per Generic Facility-Specific Part 201 calculation using generic default values
(X) - The GSI criterion shown is not protective of surface water that is used as a drinking water source

TABLE 2
SITE 7C TCLP ANALYTICAL RESULTS
11031 and 11081 SHOEMAKER

Parameters*	**Chemical Abstract Service Number**	**EPA Hazardous Waste Number**	**Regulatory Levels (mg/L)**	Sample Location	SB-45 (Site 7C)	SB-46 (Site 7C)	SB-47 (Site 7C)	SB-48 (Site 7C)	SB-49 (Site 7C)	SB-50 (Site 7C)	SB-51 (Site 7C)	SB-52 (Site 7C)	SB-53 (Site 7C)	SB-54 (Site 7C)	SB-55 (Site 7C)	SB-56 (Site 7C)
				Collection Date	3/19/2019	3/19/2019	3/19/2019	3/19/2019	3/19/2019	3/19/2019	3/19/2019	3/19/2019	3/19/2019	3/19/2019	3/19/2019	3/19/2019
(Refer to detailed laboratory report for method reference data)				Depth	Composite	Composite	Composite	Composite	Composite	Composite	Composite	Composite	Composite	Composite	Composite	Composite
Metals mg/L																
Arsenic	7440-38-2	D004	5.0		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Barium (B)	7440-39-3	D005	100.0		ND	ND	ND	ND	ND	ND	ND	**1.0**	ND	**2.3**	ND	ND
Cadmium (B)	7440-43-9	D006	1.0		ND	**0.084**	**4.2**	ND	ND	**0.41**	**0.057**	**2.0**	**0.27**	**0.15**	ND	ND
Chromium, Total	7440-47-3	D007	5.0		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Copper (B)	7440-50-8	NA	NA		**14.4**	**11.5**	**0.152**	ND	ND	ND	**0.145**	**8.89**	**2.35**	**0.325**	**0.202**	ND
Lead (B)	7439-92-1	D008	5.0		**1.7**	**15.4**	ND	ND	ND	ND	ND	**2.5**	ND	**0.91**	ND	ND
Selenium (B)	7782-49-2	D010	1.0		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver (B)	7440-22-4	D011	5.0		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc (B)	7440-66-6	NA	NA		**2.7**	**14.7**	ND	**1.28**	ND	**0.986**	**0.514**	**7.8**	**0.558**	**1.94**	**2.8**	**0.734**
PCBs, ug/Kg																
PCB, Aroclor 1016	12674-11-2	NA	NA		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB, Aroclor 1221	11104-28-2	NA	NA		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB, Aroclor 1232	11141-16-5	NA	NA		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB, Aroclor 1242	53469-21-9	NA	NA		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB, Aroclor 1248	12672-29-6	NA	NA		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB, Aroclor 1254	11097-69-1	NA	NA		ND	ND	ND	**126**	ND	ND	ND	ND	ND	**432**	ND	ND
PCB, Aroclor 1260	11096-82-5	NA	NA		ND	ND	**646**	ND	ND	ND	ND	ND	ND	ND	ND	ND
TCLP Semivolatiles, mg/L																
1,4-Dichlorobenzene	106-46-7	D027	7.5		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	121-14-2	D030	0.13		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloro-1,3-butadine	87-68-3	D033	0.5		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene (C-66)	118-74-1	D032	0.13		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	67-72-1	D034	3.0		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylphenol, 2-	95-48-7	D023	200.0		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylphenol, 3- and 4-	108-39-4/106-44-5	D024/D025	200.0		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene (I)	98-95-3	D036	2.0		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	87-86-5	D037	100.0		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyridine (I)	110-86-1	D038	5.0		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	95-95-4	D041	400.0		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	88-06-2	D042	2.0		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TCLP Volatiles, mg/L																
Benzene (I)	71-43-2	D018	0.5		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK) (I)	78-93-3	D035	200.0		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	56-23-5	D019	0.5		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene (I)	108-90-7	D021	100.0		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	67-66-3	D022	6.0		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	D027	7.5		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	75-35-4	D029	0.7		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane (I)	107-06-2	D028	0.5		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	127-18-4	D039	0.7		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	79-01-6	D040	0.5		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	75-01-4	D043	0.2		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
NA - Not Available
ND - Not Detected
Indicates that the detection exceeds the Regulatory Level
Concentrations are in micrograms per kilogram (ug/Kg)
Concentrations are in milligrams per Liter (mg/L)
Regulatory Levels based on 40 Code of Federal Regulations 261.24
Bold number indicates that the compound was detected

FIGURES

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Figure 1
Property Locations
Peregrine Falcon

Detroit, MI
City of Detroit Brownfield
Redevelopment Authority

0 1 2
1 in = 2 miles

N
W E
S

Data Sources: State of Michigan, Statistics Canada

1842-6846-00 Author: GH Date: 3/22/2019

Document Path: M:\Proj\1842\6846_DBRA_Peregrine_Falcon_Sites\Maps_and_Figures\GIS\MXDs\PFS_Reference_MXDs\Fig_1_Site_Location.mxd

Figure 2
Site 7C
Peregrine Falcon
11031 and 11081 Shoemaker St
Detroit, MI 48213

0 75 150
1 in = 150 ft

N
W E
S

Fig: 2

Data Sources: State of Michigan, City of Detroit, SEMCOG, Statistics Canada, Wayne State University

1842-6846-00 Author: GH Date: 4/18/2019

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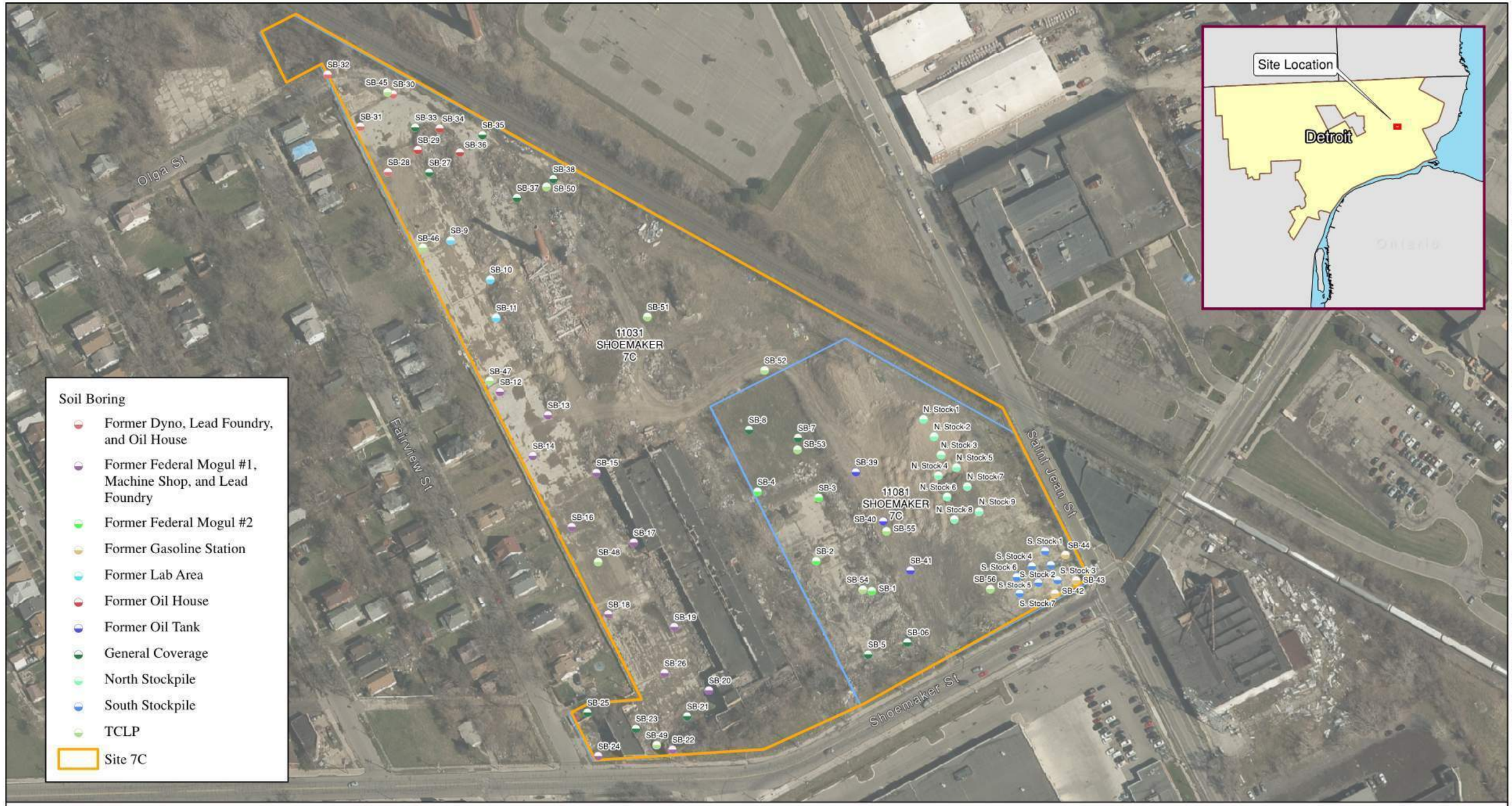

Figure 3
Site 7C Soil Boring Locations
Peregrine Falcon
11031 and 11081 Shoemaker St
Detroit, MI 48213

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0 75 150
1 in = 150 ft

N
W E
S

Fig: 3

Data Sources: State of Michigan, City of Detroit, SEMCOG, Statistics Canada

1842-6846-00 Author: GH Date: 4/22/2019

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Figure 4
Site 7C Soil Sample SVOCs Residential Direct Contact Criteria Exceedances
Peregrine Falcon

11031 and 11081 Shoemaker St
Detroit, MI 48213

0 75 150
1 in = 150 ft

N
W E
S

Fig: 4

Data Sources: State of Michigan, City of Detroit, SEMCOG, Statistics Canada

1842-6846-00 Author: GH Date: 4/29/2019

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Figure 5
Site 7C Soil Sample Metals Residential Direct Contact Criteria Exceedances
Peregrine Falcon
11031 and 11081 Shoemaker St
Detroit, MI 48213

0 75 150
1 in = 150 ft

N
W E
S

Fig: 5

Data Sources: State of Michigan, City of Detroit, SEMCOG, Statistics Canada

1842-6846-00 Author: GH Date: 4/29/2019

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APPENDIX L

February 15, 2022

Mr. Lee Gosson
Michigan Department of Environment, Great Lakes, and Energy
Remediation and Redevelopment Division
Bay City District Office
401 Ketchum Street, Suite B
Bay City, Michigan 48708

Re: Expanded Triage Program – Limited Site Investigation
11031 Shoemaker Street Detroit MI 48213
11031 Shoemaker Street
Detroit, Wayne County, Michigan
Facility ID: 00041622

Dear Mr. Gosson:

The Mannik & Smith Group, Inc. (MSG) has been retained by the Michigan Department of Technology, Management and Budget (DTMB) to provide limited site investigation services on behalf of the Michigan Department of Environment, Great Lakes, and Energy (EGLE) under EGLE's 2019 Environmental Expanded Triage Program (ETP). This report summarizes MSG's limited site investigation activities conducted at the 11031 Shoemaker Street Detroit MI 48213 site (the Site) located at 11031 Shoemaker Street in Detroit, Wayne County, Michigan (*Figure 1, Site Location Map*).

The limited Site investigation activities described in this report were performed in general accordance with MSG's 2019 Environmental Expanded Triage Work Plan dated July 8, 2019. The findings of this report are valid as of the report date, subject to the limitations presented in *Attachment A, Triage Site Investigation Limitations*.

On October 22, 2021, MSG conducted a geophysical survey at the Site within an area defined by Mr. Ari McKeever, EGLE's State Project Manager (SPM). The results of the geophysical survey are included in *Attachment B, Geophysical Investigation Report.*

On January 12-14, 2022, MSG drilled and sampled fifteen soil borings, designated SB-01 through SB-15, at the Site using direct-push technology. The soil borings were advanced to a maximum depth of 15 feet below ground level (bgl). Continuous soil cores were collected from the ground surface to the boring terminus depth at each boring location. The recovered soil cores were field screened for total (undifferentiated) volatile organic compounds (VOCs) using a calibrated photoionization detector (PID). Five (5) soil samples were selected for oleophilic dye testing to expeditiously evaluate for the presence of non-aqueous phase liquids (NAPL) using the following priority system:

1. Site specific instructions given by the SPM.
2. Samples with visible staining (not including sheens or other visual observations of NAPL).
3. Samples with the highest PID readings at a given boring location.
4. Professional judgment.

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

One (1) of the five (5) dye-tested soil samples [SB-14 (5ft)] yielded a positive result for the presence of NAPL. The remaining four (4) dye-tested soil samples [SB-02 (10ft), SB-04 (9ft), SB-11 (15 ft), and SB-13 (15ft)] yielded negative results.

The soils encountered at the Site during drilling and sampling on January 12-14, 2022 generally consisted of silty sand/ sandy silt underlain by silty clay. Groundwater was encountered during drilling and soil sampling activities at one (1) of the 15 boring locations (SB-11 at a depth of approximately 9.8 feet bgl), although there was insufficient groundwater present at SB-11 to collect a groundwater sample for laboratory analysis.

Indications of petroleum-related impact (elevated PID readings greater than 1 part per million {ppm}, odors, staining) were observed at seven (7) of the 15 soil boring locations including borings SB-01, SB-02, SB-03, SB-04, SB-05, SB-11, and SB-14. PID field screening results for the recovered soil cores ranged from less than 1.0 ppm to a maximum of 26.7 ppm (SB-05 at a depth of 9 feet bgl).

The soil boring locations are depicted on *Figure 2, Soil Sample Analytical Summary*. The Daily Field Reports for the drilling and sampling activities are included in *Attachment C, Daily Field Reports*. The soil boring logs are provided in *Attachment D, Soil Boring Logs*. Photographs of the field investigation activities are included in *Attachment E, Photo Log*.

Soil samples from each boring were selected for VOCs analysis using the following priority system:

1. Site specific instructions given by the SPM.
2. Samples with visible staining or sheen or positive oleophilic dye testing results.
3. Samples with PID readings greater than 1,000 ppm.
4. Samples with PID readings between 500 ppm and 999 ppm.
5. Samples with PID readings between 100 ppm and 499 ppm.
6. Samples with PID readings between 1 ppm and 99 ppm.
7. Samples collected from a depth interval just above the depth where groundwater was encountered during drilling and soil sampling
8. Samples at the terminus depth of the boring if no groundwater was encountered during drilling and soil sampling.

Soil samples were selected for polynuclear aromatic hydrocarbon (PNA) analysis using the following priority system:

1. Site specific instructions given by the SPM.
2. Samples with visible staining or sheen or positive oleophilic dye testing results.

As noted above, groundwater was encountered during drilling and soil sampling at boring SB-11 at a depth of approximately 9.8 feet bgs. A temporary monitoring well assembly screened from 10-15 ft bgl was installed in the SB-11 borehole on January 13, 2022. Collection of a groundwater sample was attempted on January 14, 2022 after the temporary monitoring well had been allowed to equilibrate overnight. There was insufficient groundwater present in the temporary well for sampling on January 14. Therefore, no groundwater sample was collected for laboratory analysis.

Below is a summary of the soil samples collected for laboratory analysis:

Sample Selection Summary

Sample ID	Soil Boring	Sample Type	Sample Depth (ft)	Field Indicator
SB-01 (10 ft)	SB-01	Soil	10	PID= 2.5 ppm

Sample ID	Soil Boring	Sample Type	Sample Depth (ft)	Field Indicator
SB-02 (10 ft)	SB-02	Soil	10	PID = 5.3 ppm
SB-03 (9 ft)	SB-03	Soil	9	PID = 2.6 ppm
SB-04 (9 ft)	SB-04	Soil	9	PID= 15.7 ppm
SB-05 (9 ft)	SB-05	Soil	9	PID = 26.7 ppm
SB-06 (15 ft)	SB-06	Soil	15	Boring Terminus
SB-07 (15 ft)	SB-07	Soil	15	Boring Terminus
SB-08 (15 ft)	SB-08	Soil	15	Boring Terminus
DUP-1	SB-08	Soil	15	Boring Terminus
SB-09	SB-09	Not Sampled	--	Refusal at 1 ft bgl – 3 offsets attempted
SB-10	SB-10	Not Sampled	--	Refusal at 1 ft bgl – 3 offsets attempted
SB-11 (15 ft)	SB-11	Soil	15	Sheen
SB-12 (15 ft)	SB-12	Soil	15	Boring Terminus
SB-13 (15 ft)	SB-13	Soil	15	Boring Terminus
SB-14 (5 ft)	SB-14	Soil	5	Petroleum-like Odor Positive Dye Test
SB-15 (15 ft)	SB-15	Soil	15	Boring Terminus

MSG collected 14 soil samples for laboratory analyses, including one (1) duplicate soil sample collected for quality assurance/quality control (QA/QC) purposes. The duplicate soil sample (designated DUP-1) corresponds to the soil sample collected from boring SB-08 at a depth of 15 feet bgl. Samples were not collected from borings SB-09 and SB-10 due to obstacles encountered at one (1) foot bgs, despite three (3) offset attempts per boring.

The 14 soil samples collected for VOC analysis were preserved in the field using United States Environmental Protection Agency (USEPA) Method 5035, and were analyzed for VOCs by Fibertec Environmental Services (Fibertec) of Holt, Michigan, an overflow laboratory of the EGLE Environmental Laboratory in Lansing, Michigan, using USEPA Method 8260D. In addition, eight (8) soil samples including SB-02 (10 ft), SB-04 (9 ft), SB-05 (9 ft), SB-08 (15 ft), DUP-1, SB-11 (15 ft), SB-13 (15 ft), and SB-14 (15 ft) were submitted to the EGLE Environmental Laboratory who subcontracted Fibertec for analysis of PNAs using USEPA Method 8270E.

The above noted soil samples were submitted to the laboratory under standard chain of custody protocol. The soil sample laboratory analytical results are summarized on the attached tables. The laboratory analytical data report and chain of custody forms are included in *Attachment F, Laboratory Data Report and Chain of Custody Forms.*

MSG appreciates the opportunity to provide these professional services to the DTMB and EGLE. We look forward to continued opportunities to serve the State of Michigan.

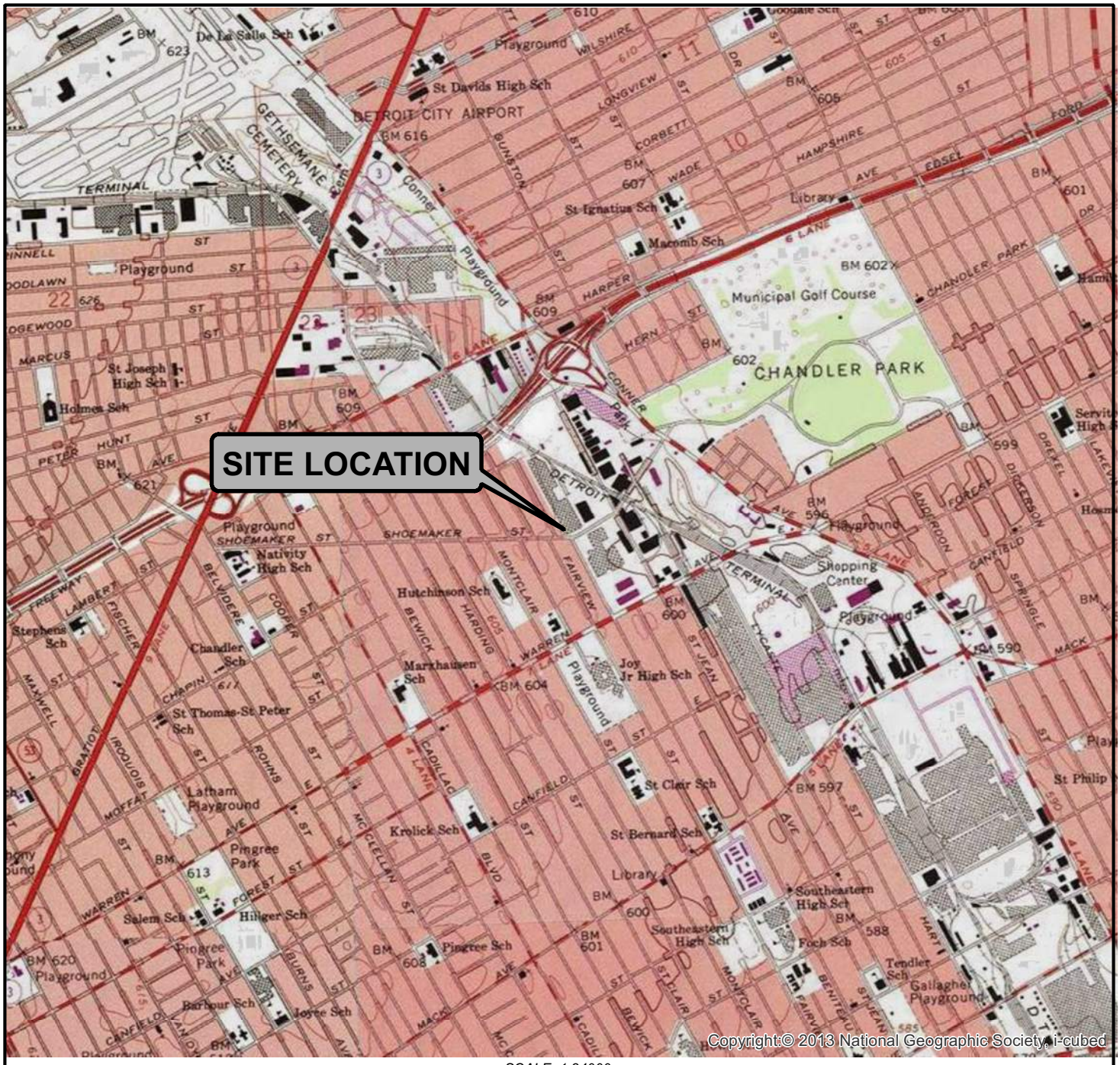
Sincerely,

Dave Adler, CPG
MSG Project Manager

Mark Schult, CPG
MSG Group Manager

Cc: Ari McKeever, EGLE RRD
Warren District Office

FIGURES



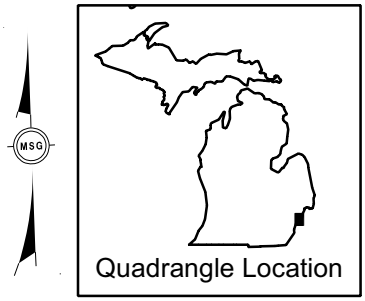
SCALE 1:24000

1 ½ 0 1 Miles

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

1 0.5 0 1 Kilometers

Contour Interval 10 Feet
National Geodetic Vertical Datum of 1929



NOTE: Map adapted from National Geographic TOPO!
seamless, scanned images of USGS Topographic Maps,
Belle Isle, Detroit, Grosse Pointe and Highland Park, MI (7.5 minute series).

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FIGURE 1

SITE LOCATION MAP

11031 Shoemaker Street
11031 Shoemaker Street
Detroit, Wayne County, MI

DATE	DRAWN BY	DESIGNED BY	PROJECT NO.
10/19/2021	CJB	CJB	DTMB0576

Date Saved: 10/19/2021 3:57:05 PM
Path: S:\Projects\Project A-E\DTMB0576\ENGAPPS\DTMB576_Fig1_Site_Location_Map.mxd

Grey indicates contaminant was detected.
Yellow indicates contaminant exceeds DWPC.
Blue indicates contaminant exceeds GSIPC.
Green indicates contaminant exceeds both DWPC and GSIPC.
Orange indicates contaminant exceeds one or more criteria; SVIIC and/or DCC.

FAIRVIEW ST

GPR/EM Linear Anomaly Suspect Unknown Utility (~3' bgs)

GPR/EM Linear Anomaly Suspect Unknown Utility (~3' bgs)

GPR/EM Linear Anomaly Suspect Unknown Utility (~3' bgs)

GPR/EM Linear Anomaly Suspect Unknown Utility (~3' bgs)

GPR/EM Linear Anomalies Suspect Unknown Utilities (~3' bgs)

GPR/EM Linear Anomalies Suspect Unknown Utilities (~3' bgs)

GPR/EM Linear Anomaly Suspect Unknown Utility (~3' bgs)

SB-14 (5')	1/14/2022
nBB	180
sBB	96
2-M	760
C	380
FLA	890
FLE	880
2-M (PNA)	810
Phen	4,100
Pyr	730

SB-15 (15')	1/14/2022
VOCs	ND
PNAs	NS

SB-13 (15')	1/14/2022
VOCs	ND
PNAs	ND

SB-12 (15')	1/14/2022
VOCs	ND
PNAs	ND

SB-11 (15')	1/13/2022
c1,2-DCE	650
t1,2-DCE	54
TCE	1,100
VC	52
PNAs	ND

SB-08 (15')	1/12/2022	DUP-1	1/12/2022
TCE	76	TCE	ND
PNAs	ND	PNAs	ND

SB-07 (15')	1/12/2022
PCE	60
TCE	120
PNAs	NS

SB-06 (15')	1/12/2022
PCE	55
PNAs	NS

SB-05 (9')	1/12/2022
1,1-DCE	86
c1,2-DCE	77,000
t1,2-DCE	340
2-M	2,500
N	730
PCE	31,000
TCE	130,000
1,2,3-TMB	130
VC	1,400
2-M (PNA)	700

SB-03 (9')	1/12/2022
c1,2-DCE	2,900
PCE	1,500
TCE	17,000
PNAs	NS

SB-04 (9')	1/12/2022
c1,2-DCE	33,000
PCE	200,000
TCE	1,300,000
2-M (PNA)	750
N (PNA)	490

SB-01 (10')	1/12/2022
c1,2-DCE	20,000
t1,2-DCE	130
PCE	11,000
TCE	210,000
PNAs	NS

SB-02 (10')	1/12/2022
c1,2-DCE	24,000
PCE	67,000
TCE	1,100,000
PNAs	ND

ALLEY

SHOEMAKER ST

SB-14, SB-15a, SB-15b, PK-3, SB-13, SB-12, SB-10d, SB-10c, SB-10b, SB-10a, PK-2, SB-11, SB-09b, SB-09a, SB-09d, SB-09c, SB-08, SB-07, SB-06, SB-05, SB-03, SB-04, PK-1, SB-02, SB-01

CHEMICAL ABBREVIATIONS

1,2,3-TMB	= 1,2,3-Trimethylbenzene
2-M	= 2-Methylnaphthalene
N	= Naphthalene
nBB	= n-Butylbenzene
sBB	= sec-Butylbenzene
2-M	= 2-Methylnaphthalene
C	= Chrysene
FLA	= Fluoranthene
FLE	= Fluorene
Phen	= Phenanthrene
Pyr	= Pyrene
PNAs	= Polynuclear Aromatics
ND	= Not Detected
c1,2-DCE	= cis-1,2-Dichloroethene
t1,2-DCE	= trans-1,2-Dichloroethene
PCE	= Tetracholoroethene
TCE	= Trichloroethene
NS	= Not Sampled
1,1-DCE	= 1,1-Dichloroethene
VC	= Vinyl chloride
VOC	= Volatile Organic Compound

MSG

Legend

- Approx. Property Boundary
- Approx. Geophysical Survey Area
- GPR/EM Anomaly
- GPR Obstruction Area
- Linear Anomaly Continuation
- Fire Hydrant
- Utility Manhole
- Utility Pole
- Soil Boring
- PK Nail

0 60 120

Scale: 1" = 60'

Property boundary approximated.
Property boundary information obtained from Wayne County Parcel Viewer

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FIGURE 2

SOIL SAMPLE ANALYTICAL SUMMARY

11031 Shoemaker Street
11031 Shoemaker Street
Detroit, Wayne County, Michigan

DATE	DRAWN BY	DESIGNED BY	PROJECT NO.
2/10/2022	CJB	CJB	DTMB0576

Date Saved: 2/14/2022 8:22:00 AM
Path: S:\Projects\Project A-E\DTMB0576\ENGAPPS\DTMB0576_Fig2_Soil_Sample_Analytical_Summary_.mxd

TABLES

Michigan Department of Environmental Quality Analytical Testing Report
Work Order:
Report Date:
Client:
Attention:
Project Name: SWET21-WARREN-11031 Shoemaker Street
Project Number:

Sample Number								A06456-001	A06456-002	A06456-003	A06456-004	A06456-005	A06456-006	A06456-007	A06456-008	A06456-009	A06456-010	A06456-011	A06456-012	A06456-013	A06456-014
Sample ID								SB-01 (10ft)	SB-02 (10ft)	SB-03 (9ft)	SB-04 (9ft)	SB-05 (9ft)	SB-06 (15ft)	SB-07 (15ft)	SB-08 (15ft)	SB-11 (15ft)	DUP-1	SB-12 (15ft)	SB-13 (15ft)	SB-14 (5ft)	SB-15 (15ft)
Sample Depth																					
Date Collected			Target Detection Limit (TDL)	Drinking Water Protection Criteria (DWPC)	Groundwater Surface Water Protection Criteria (GSIPC)	Soil Volatilization to Indoor Air Inhalation Criteria (SVIIC)	Direct Contact Criteria (DCC)	01/12/22	01/12/22	01/12/22	01/12/22	01/12/22	01/12/22	01/12/22	01/12/22	01/13/22	01/12/22	01/14/22	01/14/22	01/14/22	01/14/22
Date Received																					
Analyte	Units	Method		Organics-Volatiles																	
Acetone (I)	ug/kg	8260		15,000	34,000	290,000,000	23,000,000	<1,000	<100,000	<1,000	<100,000	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000
Acetonitrile	ug/kg	8260		2,800	260,000	4,800,000	4,300,000														
Acetophenone	ug/kg	8260		30,000	ID	120,000,000	47,000,000														
Acrolein (I)	ug/kg	8260		2,400	NA	410	3,600,000														
Acrylamide	ug/kg	8260		10	200	NLV	1,900														
Acrylonitrile (I)	ug/kg	8260		100	100	6,600	16,000	<190	<41,000	<210	<41,000	<210	<170	<170	<170	<180	<170	<190	<220	<200	<180
t-Amyl methyl ether (TAME)	ug/kg	8260		3,900	NA	58,000	29,000,000														
Benzene (I)	ug/kg	8260		100	4,000	1,600	180,000	<50	<10,000	<51	<10,000	<52	<50	<50	<50	<50	<50	<50	<54	<50	<50
Benzyl chloride	ug/kg	8260		150	NA	6,300	48,000														
Bromobenzene (I)	ug/kg	8260		550	NA	310,000	540,000	<100	<10,000	<100	<10,000	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
Bromochloromethane	ug/kg	8260						<100	<10,000	<100	<10,000	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
Bromodichloromethane	ug/kg	8260		1,600	ID	1,200	110,000	<100	<10,000	<100	<10,000	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
Bromoform	ug/kg	8260		1,600	ID	150,000	820,000	<100	<10,000	<100	<10,000	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
Bromomethane	ug/kg	8260		200	100	860	320,000	<200	<41,000	<210	<41,000	<210	<200	<200	<200	<200	<200	<200	<220	<200	<200
n-Butanol (I)	ug/kg	8260		19,000	200,000	NLV	29,000,000														
2-Butanone (MEK) (I)	ug/kg	8260		260,000	44,000	54,000,000	120,000,000	<750	<41,000	<750	<41,000	<750	<750	<750	<750	<750	<750	<750	<750	<750	<750
n-Butyl acetate	ug/kg	8260		11,000	NA	56,000,000	17,000,000														
t-Butyl alcohol	ug/kg	8260		78,000	NA	310,000,000	120,000,000	<2,500	<100,000	<2,500	<100,000	<2,500	<2,500	<2,500	<2,500	<2,500	<2,500			<2,500	<2,500
n-Butylbenzene	ug/kg	8260		1,600	ID	ID	2,500,000	<94	<21,000	<100	<20,000	<100	<86	<83	<85	<88	<84	<94	<110	180	<90
sec-Butylbenzene	ug/kg	8260		1,600	ID	ID	2,500,000	<50	<10,000	<51	<10,000	<52	<50	<50	<50	<50	<50	<50	<54	96	<50
tert-Butylbenzene (I)	ug/kg	8260		1,600	ID	ID	2,500,000	<50	<10,000	<51	<10,000	<52	<50	<50	<50	<50	<50	<50	<54	<50	<50
Carbon disulfide (LR)	ug/kg	8260		16,000	ID	76,000	7,200,000	<250	<21,000	<250	<20,000	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250
Carbon tetrachloride	ug/kg	8260		100	760	190	96,000	<94	<21,000	<100	<20,000	<100	<86	<83	<85	<88	<84	<94	<110	<98	<90
Chlorobenzene (I)	ug/kg	8260		2,000	500	120,000	4,300,000	<50	<10,000	<51	<10,000	<52	<50	<50	<50	<50	<50	<50	<54	<50	<50
Chloroethane	ug/kg	8260		8,600	22,000	2,900,000	2,600,000	<250	<41,000	<250	<41,000	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250
2-Chloroethyl vinyl ether	ug/kg	8260		ID	NA	ID	ID														
Chloroform	ug/kg	8260		1,600	7,000	7,200	1,200,000	<50	<10,000	<51	<10,000	<52	<50	<50	<50	<50	<50	<50	<54	<50	<50
Chloromethane (I)	ug/kg	8260		5,200	ID	2,300	1,600,000	<250	<21,000	<250	<20,000	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250
o-Chlorotoluene (I)	ug/kg	8260		3,300	ID	270,000	4,500,000	<50	<10,000	<51	<10,000	<52	<50	<50	<50	<50	<50	<50	<54	<50	<50
Cyclohexanone	ug/kg	8260		5,200,000	NA	17,000	1,000,000,000														
Dibromochloromethane	ug/kg	8260		1,600	ID	3,900	110,000	<100	<10,000	<100	<10,000	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
Dibromochloropropane	ug/kg	8260		10	ID	220	4,400	<250	<10,000	<250	<10,000	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250
Dibromomethane	ug/kg	8260		1,600	NA	ID	2,500,000	<250	<10,000	<250	<10,000	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250
1,2-Dichlorobenzene	ug/kg	8260		14,000	280	11,000,000	19,000,000	<100	<10,000	<100	<10,000	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
1,3-Dichlorobenzene	ug/kg	8260		170	680	26,000	200,000	<100	<21,000	<100	<20,000	<100	<100	<100	<100	<100	<100	<100	<110	<100	<100
1,4-Dichlorobenzene	ug/kg	8260		1,700	360	19,000	400,000	<100	<10,000	<100	<10,000	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
trans-1,4-Dichloro-2-butene	ug/kg	8260																			
Dichlorodifluoromethane	ug/kg	8260		95,000	ID	900,000	52,000,000	<250	<10,000	<250	<10,000	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250
1,1-Dichloroethane	ug/kg	8260		18,000	15,000	230,000	27,000,000	<50	<10,000	<51	<10,000	<52	<50	<50	<50	<50	<50	<50	<54	<50	<50
1,2-Dichloroethane (I)	ug/kg	8260		100	7,200	2,100	91,000	<94	<21,000	<100	<20,000	<100	<86	<83	<85	<88	<84	<94	<110	<98	<90
cis-1,2-Dichloroethylene	ug/kg	8260		1,400	12,000	22,000	2,500,000	20,000	24,000	2,900	33,000	77,000	<50	<50	<50	650	<50	<50	<54	<50	<50
trans-1,2-Dichloroethylene	ug/kg	8260		2,000	30,000	23,000	3,800,000	130	<10,000	<51	<10,000	340	<50	<50	<50	54	<50	<50	<54	<50	<50
1,1-Dichloroethylene (I)	ug/kg	8260		140	2,600	62	200,000	<50	<10,000	<51	<10,000	86	<50	<50	<50	<50	<50	<50	<54	<50	<50
1,2-Dichloropropane (I)	ug/kg	8260		100	4,600	4,000	140,000	<94	<21,000	<100	<20,000	<100	<86	<83	<85	<88	<84	<94	<110	<98	<90
1,3-Dichloropropene	ug/kg	8260		170	180	1,000	10,000														
cis-1,3-Dichloropropylene	ug/kg	8260						<94	<21,000	<100	<20,000	<100	<86	<83	<85	<88	<84	<94	<110	<98	<90
trans-1,3-Dichloropropylene	ug/kg	8260						<50	<10,000	<51	<10,000	<52	<50	<50	<50	<50	<50	<50	<54	<50	<50
Diethyl ether	ug/kg	8260		200	ID	28,000,000	110,000,000	<200	<10,000	<200	<10,000	<200	<200	<200	<200	<200	<200			<200	<200
Diisopropyl ether	ug/kg	8260		600	ID	670,000	920,000	<100	<10,000	<100	<10,000	<100	<100	<100	<100	<100	<100			<100	<100
1,4-Dioxane (I)	ug/kg	8260		1,700	5,600	NLV	530,000														
Epichlorohydrin (I)	ug/kg	8260		100	NA	64,000	8,900														
Ethanol (I)	ug/kg	8260		38,000,000	ID	NLV	1,000,000,000														
Ethylbenzene (I)	ug/kg	8260		1,500	360	87,000	22,000,000	<50	<10,000	<51	<10,000	<52	<50	<50	<50	<50	<50	<50	<54	<50	<50
Ethylene dibromide	ug/kg	8260		20	110	670	92	<50	<10,000	<51	<10,000	<52	<50	<50	<50	<50	<50	<50	<54	<50	<50
Ethyl-tert-butyl ether (ETBE)	ug/kg	8260		980	ID	540,000	ID	<250	<10,000	<250	<10,000	<250	<250	<250	<250	<250	<250			<250	<250
Hexachloroethane	ug/kg	8260		430	1,800	40,000	230,000	<250	<10,000	<250	<10,000	<250	<250	<250	<250	<250	<250			<250	<250
2-Hexanone	ug/kg	8260		20,000	ID	990,000	32,000,000	<2,500	<21,000	<2,500	<20,000	<2,500	<2,500	<2,500	<2,500	<2,500	<2,500	<2,500	<2,500	<2,500	<2,500
Isobutyl alcohol (I)	ug/kg	8260		46,000	NA	230,000,000	72,000,000														
Isopropyl alcohol (I)	ug/kg	8260		9,400	1,100,000	NLV	14,000,000														
Isopropyl benzene	ug/kg	8260		91,000	3,200	400,000	25,000,000	<250	<10,000	<250	<10,000	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250
p-Isopropyltoluene	ug/kg	8260																			
Methanol	ug/kg	8260		74,000	12,000,000	37,000,000	110,000,000														
Methyl Iodide	ug/kg	8260																			
4-Methyl-2-pentanone (MIBK) (I)	ug/kg	8260		36,000	ID	37,000,000	56,000,000	<2,500	<41,000	<2,500	<41,000	<2,500	<2,500	<2,500	<2,500	<2,500	<2,500	<2,500	<2,500	<2,500	<2,500
Methylcyclopentane (I)	ug/kg	8260		ID	NA	92,000	ID														
Methylene chloride	ug/kg	8260		100	30,000	45,000	1,300,000	<100	<21,000	<100	<20,000	<100	<100	<100	<100	<100	<100	<100	<110	<100	<100
2-Methylnaphthalene	ug/kg	8260		57,000	4,200	2,700,000	8,100,000	<330	<10,000	<330	<10,000	2,500	<330	<330	<330	<330	<330	<330	<330	760	<330
Methyl-tert-butyl ether (MTBE)	ug/kg	8260		800	140,000	9,900,000	1,500,000	<250	<10,000	<250	<10,000	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250
Naphthalene	ug/kg	8260		35,000	730	250,000	16,000,000	<330	<21,000	<330	<20,000	730	<330	<330	<330	<330	<330	<330	<330	<330	<330
Pentane	ug/kg	8260		ID	NA	970,000	ID														
n-Propylbenzene (I)	ug/kg	8260		1,600	ID	ID	2,500,000	<100	<10,000	<100	<10,000	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
Styrene	ug/kg	8260		2,700	2,100	250,000	400,000	<50	<10,000	<51	<10,000	<52	<50	<50	<50	<50	<50	<50	<54	<50	<50
1,2,4,5-Tetrachlorobenzene	ug/kg	8260		1,500,000	3,400	580,000	77,000,000														
1,1,1,2-Tetrachloroethane	ug/kg	8260		1,500	ID	6,200	480,000	<100	<10,000	<100	<10,000	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
1,1,2,2-Tetrachloroethane	ug/kg	8260		170	1,600	4,300	53,000	<94	<21,000	<100	<20,000	<100	<86	<83	<85	<88	<84	<94	<110	<98	<90
Tetrachloroethylene	ug/kg	8260		100	1,200	11,000	200,000	11,000	67,000	1,500	200,000	31,000	55	60	<50	<50	<50	<50	<54	<50	<50
Tetrahydrofuran	ug/kg	8260		1,900	220,000	1,300,000	2,900,000	<470	<100,000	<510	<100,000	<520	<430	<420	<430	<440	<420			<490	<450
Toluene (I)	ug/kg	8260		16,000	5,400	330,000	50,000,000	<50	<10,000	<51	<10,000	<52	<50	<50	<50	<50	<50	<50	<54	<50	<50
1,1,2-Trichloro-1,2,2-trifluoroethe	ug/kg	8260		9,000,000	1,700	5,100,000	1,000,000,000														
1,2,3-Trichlorobenzene	ug/kg	8260						<330	<10,000	<330	<10,000	<330	<330	<330	<330	<330	<330			<330	<330
1,2,4-Trichlorobenzene	ug/kg	8260		4,200	5,900	9,600,000	990,000	<250	<10,000	<250	<10,000	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250
1,1,1-Trichloroethane	ug/kg	8260		4,000	1,800	250,000	500,000,000	<50	<10,000	<51	<10,000	<52	<50	<50	<50	<50	<50	<50	<54	<50	<50
1,1,2-Trichloroethane	ug/kg	8260		100	6,600	4,600	180,000	<94	<21,000	<100	<20,000	<100	<86	<83	<85	<88	<84	<94	<110	<98	<90
Trichloroethylene	ug/kg	8260		100	4,000	1,000	110,000	210,000	1,100,000	17,000	1,300,000	130,000	<86	120	76	1,100	<50	<50	<54	<50	<50
Trichlorofluoromethane	ug/kg	8260		52,000	NA	2,800,000	79,000,000	<100	<10,000	<100	<10,000	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
1,2,3-Trichloropropane	ug/kg	8260		840	NA	4,000	1,300,000	<100	<10,000	<100	<10,000	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
Trihalomethanes	ug/kg	8260																			
1,2,3-Trimethylbenzene	ug/kg	8260						<100	<10,000	<100	<10,000	130	<100	<100	<100	<100	<100	<100	<100	<100	<100
1,2,4-Trimethylbenzene (I)	ug/kg	8260		2,100	570	4,300,000	32,000,000	<100	<10,000	<100	<10,000	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
1,3,5-Trimethylbenzene (I)	ug/kg	8260		1,800	1,100	2,600,000	32,000,000	<100	<10,000	<100	<10,000	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
2,2,4-Trimethyl pentane	ug/kg	8260		ID	NA	110,000	ID														
Vinyl acetate (I)	ug/kg	8260		13,000	NA	790,000	5,800,000														
Vinyl chloride	ug/kg	8260		40	260	270	3,800	<47	<10,000	<51	<10,000	1,400	<43	<42	<43	52	<42	<47	<54	<49	<45
Xylenes (I)	ug/kg	8260		5,600	980	6,300,000	410,000,000	<150	<31,000	<150	<30,000	<150	<150	<150	<150	<150	<150	<150	<160	<150	<150

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

Michigan Department of Environmental Quality Analytical Testing Report
Work Order:
Report Date:
Client:
Attention:
Project Name: SWET21-WARREN-11031 Shoemaker Street
Project Number:

Sample Number								A06456-001	A06456-002	A06456-003	A06456-004	A06456-005	A06456-006	A06456-007	A06456-008	A06456-009	A06456-010	A06456-011	A06456-012	A06456-013	A06456-014
Sample ID								SB-01 (10ft)	SB-02 (10ft)	SB-03 (9ft)	SB-04 (9ft)	SB-05 (9ft)	SB-06 (15ft)	SB-07 (15ft)	SB-08 (15ft)	SB-11 (15ft)	DUP-1	SB-12 (15ft)	SB-13 (15ft)	SB-14 (5ft)	SB-15 (15ft)
Sample Depth			Target Detection Limit (TDL)	Drinking Water Protection Criteria (DWPC)	r Surface Water Protection Criteria (GSIPC)	Soil Volatilization to Indoor Air Inhalation Criteria (SVIIC)	Direct Contact Criteria (DCC)														
Date Collected								01/12/22	01/12/22	01/12/22	01/12/22	01/12/22	01/12/22	01/12/22	01/12/22	01/13/22	01/12/22	01/14/22	01/14/22	01/14/22	01/14/22
Date Received																					
Analyte	Units	Method	Organics-Semivolatiles																		
Acenaphthene	ug/kg	8270	330	300,000	8,700	190,000,000	41,000,000		<330		<330	<330			<330	<330	<330		<330	<330	
Acenaphthylene	ug/kg	8270	330	5,900	ID	1,600,000	1,600,000		<330		<330	<330			<330	<330	<330		<330	<330	
Anthracene	ug/kg	8270	330	41,000	ID	1,000,000,000	230,000,000		<330		<330	<330			<330	<330	<330		<330	<330	
Benzo(a)anthracene (Q)	ug/kg	8270	330	NLL	NLL	NLV	20,000		<330		<330	<330			<330	<330	<330		<330	<330	
Benzo(a)pyrene (Q)	ug/kg	8270	330	NLL	NLL	NLV	2,000		<330		<330	<330			<330	<330	<330		<330	<330	
Benzo(b)fluoranthene (Q)	ug/kg	8270	330	NLL	NLL	ID	20,000		<330		<330	<330			<330	<330	<330		<330	<330	
Benzo[g,h,i]perylene	ug/kg	8270	330	NLL	NLL	NLV	2,500,000		<330		<330	<330			<330	<330	<330		<330	<330	
Benzo(k)fluoranthene (Q)	ug/kg	8270	330	NLL	NLL	NLV	200,000		<330		<330	<330			<330	<330	<330		<330	<330	
Chrysene (Q)	ug/kg	8270	330	NLL	NLL	ID	2,000,000		<330		<330	<330			<330	<330	<330		<330	380	
Dibenzo(a,h)anthracene (Q)	ug/kg	8270	330	NLL	NLL	NLV	2,000		<330		<330	<330			<330	<330	<330		<330	<330	
Fluoranthene	ug/kg	8270	330	730,000	5,500	1,000,000,000	46,000,000		<330		<330	<330			<330	<330	<330		<330	890	
Fluorene	ug/kg	8270	330	390,000	5,300	580,000,000	27,000,000		<330		<330	<330			<330	<330	<330		<330	880	
Indeno(1,2,3-cd)pyrene (Q)	ug/kg	8270	330	NLL	NLL	NLV	20,000		<330		<330	<330			<330	<330	<330		<330	<330	
2-Methylnaphthalene	ug/kg	8270	330	57,000	4,200	2,700,000	8,100,000		<330		750	700			<330	<330	<330		<330	810	
Naphthalene	ug/kg	8270	330	35,000	730	250,000	16,000,000		<330		490	<330			<330	<330	<330		<330	<330	
Phenanthrene	ug/kg	8270	330	56,000	2,100	2,800,000	1,600,000		<330		<330	<330			<330	<330	<330		<330	4,100	
Pyrene	ug/kg	8270	330	480,000	ID	1,000,000,000	29,000,000		<330		<330	<330			<330	<330	<330		<330	730	

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ATTACHMENT A

TRIAGE SITE INVESTIGATION LIMITATIONS

TRIAGE SITE INVESTIGATION LIMITATIONS

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

The Mannik & Smith Group, Inc. (MSG) performed its services associated with the Limited Site Investigation in conformance with the care and skill ordinarily used by other reputable environmental consulting firms practicing under similar conditions, at the same time, and in the same or similar locality. In preparing this report, MSG relied upon Site background information provided by the EGLE State Project Manager who was responsible for determining geophysical survey boundaries and selecting soil boring locations.

Geophysical and drilling services have inherent limitations associated with the equipment, subsurface conditions, and accessibility. MSG makes no representation or warranty regarding the accuracy or completeness of this information gathered through outside sources or subcontracted services. No warranty, guarantee, or certification of any kind, expressed or implied, at common law or created by statute, is extended, made, or intended by rendering these environmental consulting services or by furnishing this written report.

Environmental conditions and regulations are subject to constant change and reinterpretation. One should not assume that any on-Site conditions and/or regulatory statutes or rules will remain constant after MSG has completed the scope of work for this project. Furthermore, because the facts stated in these reports are subject to professional interpretation, differing conclusions could be reached by other environmental professionals.

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

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

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

ATTACHMENT B

GEOPHYSICAL INVESTIGATION REPORT

November 29, 2021

Mr. Ari McKeever, Project Manager
Michigan Department of Environment, Great Lakes, and Energy
Remediation and Redevelopment Division
Warren District Office
27700 Donald Court
Warren, Michigan, 48092-2793

Re: Expanded Triage Program – Geophysical Investigation Report
11031 Shoemaker Street Site
11031 Shoemaker Street
Detroit, Wayne County, Michigan
Facility ID: 00041622

Dear Mr. McKeever,

The Mannik & Smith Group, Inc. (MSG) has been retained by the Michigan Department of Technology, Management and Budget (DTMB) to provide limited site investigation services on behalf of the Michigan Department of Environment, Great Lakes, and Energy (EGLE) under the 2019 Environmental Expanded Triage Program (ETP). The purpose of the ETP is to rapidly investigate current site conditions and assess associated environmental risk for "Open" Leaking Underground Storage Tank (LUST) sites regulated under Part 213, Leaking Underground Storage Tanks, of the Natural Resources and Environmental Protection Act, Michigan Public Act 451, 1994, as amended (Part 213).

This letter report summarizes MSG's geophysical investigation activities conducted at the 11031 Shoemaker Street site located at 11031 Shoemaker Street in Detroit, Wayne County, Michigan (see *Figure 1, Site Location Map*). The objectives of the geophysical survey were to identify subsurface features that may be associated with historic or current petroleum system(s), as well as provide clearance for advancement of subsequent ETP investigative soil borings. The activities described herein were performed in general accordance with MSG's 2019 Environmental Expanded Triage Work Plan for the EGLE Warren District dated July 8, 2019. The findings of this report are valid as of the report date, subject to the limitations presented in *Attachment A, Triage Site Geophysical Investigation Limitations*.

Methodologies: Geophysical surveys were conducted using the electromagnetic (EM) and ground penetrating radar (GPR) methodologies. The EM instruments respond to buried metal and cables by inducing an electromagnetic signal into the ground and then measuring the strength of a secondary field produced by the metal target(s). GPR operates by transmitting electromagnetic impulses (radio waves) into the subsurface and measuring the strength and time for a reflected signal to return to the receiving antenna. GPR signals reflect back toward the ground surface depending on the contrast in the electrical properties (dielectric constant) of subsurface materials. The contrast in materials' dielectric constants is typically greatest between soil and metals, but can also be great enough between soils and nonmetallic materials (including between differing soil types) to have a measurable GPR signal response. The geophysical survey area for the subject site was selected by the State (EGLE) Project Manager (SPM).

When readily available, MSG also reviewed historical site plans, prior investigation report figures, and utility maps. MSG may have also discussed historic site use and utility information with the site owners/occupants. Prior to conducting the geophysical survey, MSG contacted the MISS DIG utility locating system and submitted a subsurface utility staking request for the site. Please be advised that no subsurface utility markings were observed when the geophysical surveys were conducted on October 22, 2021. MSG will submit another MISS DIG staking request at least 3 days prior to commencement of drilling and sampling at the site.

On October 22, 2021, MSG conducted geophysical surveys at the site within an area defined by Mr. Ari McKeever, SPM. MSG conducted an EM survey using a Fisher TW-6 Pipe and Cable Locator and/or a Vivax Metrotech vLocPro2 utility locator. MSG also conducted a GPR survey using a Geophysical Survey Systems, Inc. SIR-4000 GPR Data Acquisition System equipped with a 350 Megahertz (MHz) hyperstacking antenna mounted on a wheeled cart. The EM and GPR surveys were generally conducted by walking in a gridded pattern with a grid spacing of 5-feet or less. The locations of observed geophysical anomalies were marked in the field, typically using spray paint unless prohibited by the site owner/operator. The locations of the marked geophysical anomalies were recorded with a sub-centimeter accuracy capability global navigation satellite system (GNSS) unit. GPR penetration depth generally ranges from one (1) to six (6) feet below ground level (bgl).

MSG identified the following anomalous subsurface geophysical features at the site.

- Linear anomalies
- Two area anomalies

Prominent site surface features including signs, monitoring wells, catch basins, utility meters, etc. were also noted and included with the GNSS survey when present. The approximate locations of the surface and subsurface features (and GPR anomaly depth estimates) are depicted on Figure 2. Additionally, these features are described in *Attachment B, Triage Geophysical Survey Field Report*.

MSG appreciates the opportunity to provide these professional services to the DTMB and EGLE. We look forward to continued opportunities to serve the State of Michigan.

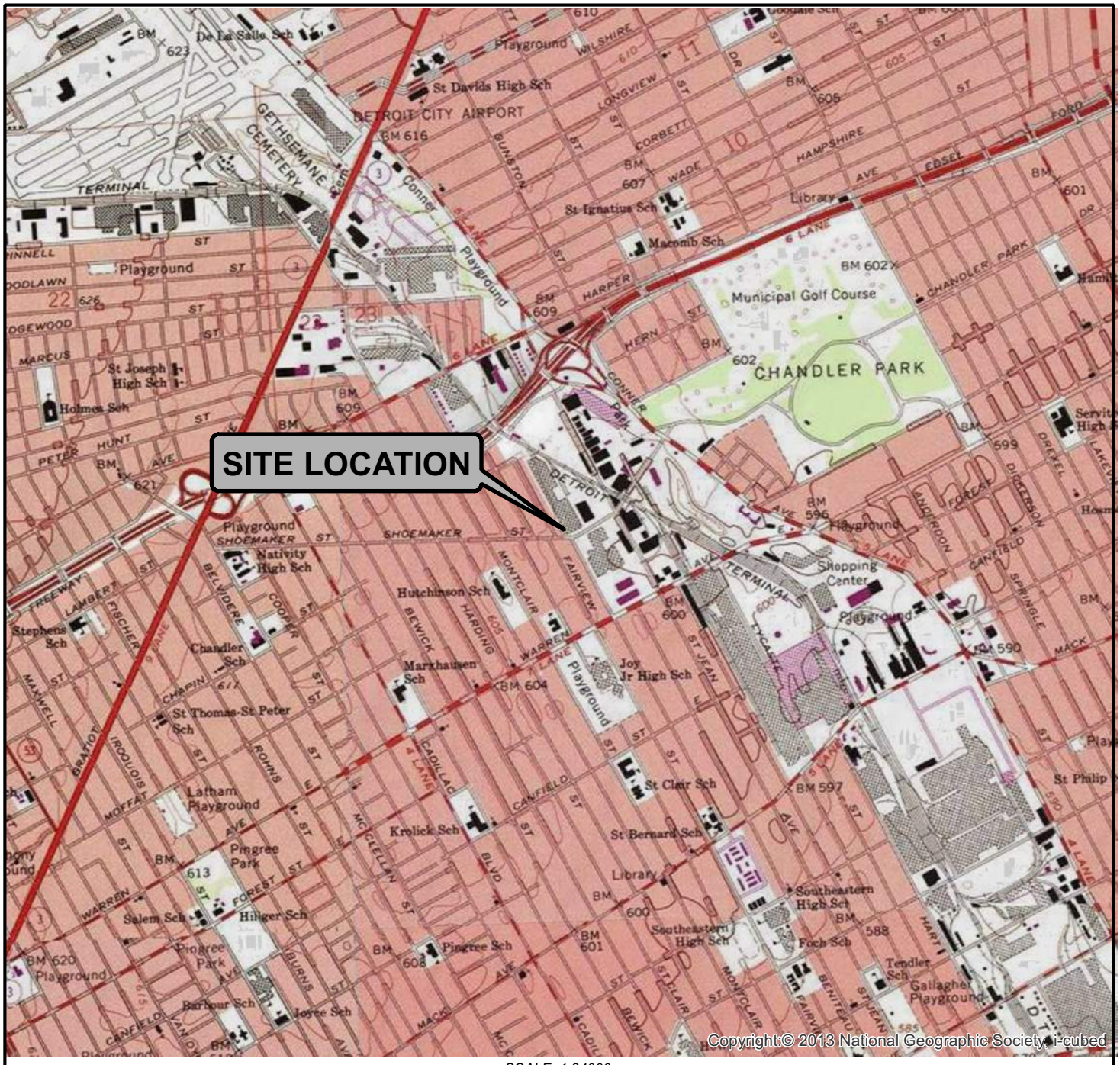
Sincerely,

Dave Adler, CPG
MSG Project Manager

Mark Schult, CPG
MSG Group Manager

cc. Mr. Lee Gosson, EGLE Program Manager

FIGURES



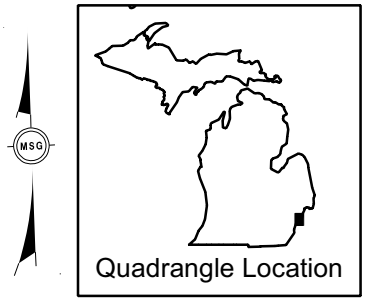
SCALE 1:24000

1 ½ 0 1 Miles

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

1 0.5 0 1 Kilometers

Contour Interval 10 Feet
National Geodetic Vertical Datum of 1929



NOTE: Map adapted from National Geographic TOPO!
seamless, scanned images of USGS Topographic Maps,
Belle Isle, Detroit, Grosse Pointe and Highland Park, MI (7.5 minute series).

Mannik Smith GROUP
TECHNICAL SKILL. CREATIVE SPIRIT.
www.MannikSmithGroup.com

FIGURE 1

SITE LOCATION MAP

11031 Shoemaker Street
11031 Shoemaker Street
Detroit, Wayne County, MI

DATE	DRAWN BY	DESIGNED BY	PROJECT NO.
10/19/2021	CJB	CJB	DTMB0576

Date Saved: 10/19/2021 3:57:05 PM
Path: S:\Projects\Project A-E\DTMB0576\ENGAPPS\DTMB576_Fig1_Site_Location_Map.mxd

Legend

- Approx. Property Boundary
- Approx. Geophysical Survey Area
- GPR/EM Anomaly
- GPR Obstruction Area
- Linear Anomaly Continuation
- Fire Hydrant
- Utility Manhole
- Utility Pole
- Proposed Soil Boring
- PK Nail

0 80 160

Scale: 1" = 80'

Property boundary approximated.
Property boundary information obtained from Wayne County Parcel Viewer

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FIGURE 2

SITE MAP

11031 Shoemaker Street
11031 Shoemaker Street
Detroit, Wayne County, Michigan

DATE	DRAWN BY	DESIGNED BY	PROJECT NO.
10/25/2021	CJB	CJB	DTMB0576

Date Saved: 10/25/2021 3:14:17 PM
Path: S:\Projects\Project A-E\DTMB0576\ENGAPPS\DTMB0576_Fig2_Site_Map.mxd

ATTACHMENT A

TRIAGE SITE GEOPHYSICAL INVESTIGATION LIMITATIONS

TRIAGE SITE GEOPHYSICAL INVESTIGATION LIMITATIONS

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The Mannik & Smith Group, Inc. (MSG) performed its services associated with the Limited Site Investigation in conformance with the care and skill ordinarily used by other reputable environmental consulting firms practicing under similar conditions, at the same time, and in the same or similar locality. In preparing this report, MSG relied upon site background information provided by the EGLE State Project Manager who was responsible for determining geophysical survey location(s) and boundaries. Geophysical services have inherent limitations associated with the equipment, surface and subsurface conditions, and accessibility. MSG makes no representation or warranty regarding the accuracy or completeness of this information gathered through outside sources or subcontracted services.

No warranty, guarantee, or certification of any kind, expressed or implied, at common law or created by statute, is extended, made, or intended by rendering these environmental consulting services or by furnishing this written report. Environmental conditions and regulations are subject to constant change and reinterpretation. One should not assume that any onsite conditions and/or regulatory statutes or rules will remain constant after MSG has completed the scope of work for this project. Furthermore, because the facts stated in this report are subject to professional interpretation, differing conclusions could be reached by other environmental professionals.

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

ATTACHMENT B

TRIAGE GEOPHYSICAL SURVEY
FIELD REPORT

TRIAGE GEOPHYSICAL SURVEY FIELD REPORT

Client: Michigan Department of Environmental Quality (MDEQ/MDTMB) **MSG Personnel:** 1
Project: 11031 Shoemaker Street **MSG Job No.:** DTMB0576

Date: 10/22/21 **Day:** Friday **Temperature:** 45 - a.m. 60 °F p.m.
MSG CQA Personnel: DNH, JG **Cloud Cover:** 0 - a.m. 0 p.m.
Client Personnel: **Precipitation:** - a.m. p.m.
MSG Hours On-Site: 6.25

Contractors Information

Contractor:	No. Men and Type:	Equipment Type:
MSG	1 Operator	SIR 4000 GPR Unit Pipe & Utility Locator, Trimble Geo7x GPS

Summary of Work Performed / Field Notes:
Some debris piles on Site, also some overgrowth also prevented GPR. located multiple linear anomalies. Also located multiple area anomalies that may be basements or cooradeers. Found two openings in the middle of the site that led to a basement.

Pre-Survey Instructions

☐ Access Requirements / Notifications / Contacts _____

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

Site Review (Only Check if Present)

☒ Structures present at indicated locations
☐ Business type: factory ☐ Active ☒ Inactive
☒ Pavement / surface cover areas
Utilities Marked On-Site (MISSDIG):
☐ Electric / ☐ Fiber-Optic (Telephone) / ☐ Gas / ☐ Storm / ☐ Sanitary / ☐ Water / ☐ Other _____

Site Plan

☐ Fuel System (UST / Fill Ports / Vent Piping)
☐ Monitor Wells
☒ Obstacles (Debris Piles / Dumpsters / Equipment)
☐ Surface Cover (Gravel / Asphalt / Cement)

Geophysical Survey

☒ Layout survey area in accordance with SPM designated area (plus buffer if appropriate)
☒ Conduct EM Survey – Mark anomalies on ground
☒ Conduct GPR Survey – Mark anomalies on ground
☒ Indicate Areas of GPR signal interference or lack of coverage
☒ Note GPR survey methodology as recorded grid (preferred) with file name or TerraSearch walk over

GPS Survey

☒ GPR Survey Boundary
☒ Set PK Nails (2-3 nails)
☒ Survey Benchmarks visible on aerial photo (at least 3 items)
☒ Survey Site Features (e.g. buildings, utility structures, etc.)
☒ Survey MISSDIG Markings
☒ Survey Geophysical Anomalies

Unit	File Name	Mode	Antenna	Line or Area Description
3	DTMB0576	20	350 mhz	

Results Map

☒ Anomalies (GPR / EM) – description and approximate depth
Typical Descriptions:
-Suspect UST at ~X ft bgs;
-Linear Anomaly, Suspect Product Lines at ~X ft bgs;
-Linear Anomaly, Suspect Utility at ~X ft bgs;
-Disturbed Soil to X ft bgs;

Photos

☒ Overall Site- 4 corners ☒ N ☒ S ☒ E ☒ W
☒ PK Nails
☒ Site Features
☒ MISSDIG Markings
☒ Marked Anomalies
☒ Photolog (on back)

Office

☒ Download photographs
☒ Download GPR Data
☒ Download GPS Data
☒ Legible Field Report and Survey Results Sketch (Scan then promptly return to Project Coordinator)

Photo #	Photo Description	Direction (N/S/E/W)
1	Basement	S
2	Basement	S
3	linear anomalies	E
4	linear anomalies / overgrowth	S
5	linear anomalies / overgrowth	S
6	linear anomalies	E
7	linear anomalies	E
8	Pk-3	S
9	linear anomaly	S
10	debris pile	SW
11	debris pile	SW
12	area anomaly / linear anomaly / water	S
13	linear anomalies	SW
14	Basement opening	W
15	linear anomalies	

16 Pk-2

worksmart, inc.

Subsurface Imaging Report

August 30, 2022

Prepared For:

Soils and Materials Engineers
3301 Tech Circle
Kalamazoo, Michigan

Job Identification:

11031 Shoemaker Street
Detroit, Michigan

This is a confidential document and was prepared only for the above titled customer.
No alteration, duplication or misuse of this publication is allowed.
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1 Company Overview

2 Equipment & Capabilities

3 Site Location

4 Radar Scans

5 Report Text

6 FCC Information

7 Technician Signature Page

8 Site Photographs & Videos

worksmart, inc.

USRADAR SPR unit shown with 500 MHz antenna and trolley.

500 MHz GPR system on all terrain rover.

Po Box 442 - Paw Paw, Michigan 49079
Voice: 800-565-3347 - 269-341-9529 Facsimile: 269-341-9530
WWW.worksmartinc.net - radar01@voyager.net

Equipment Capabilities

Ground Penetrating Radar offers the means to detect buried objects that are not detectable by other methods. In addition to the ability to locate metallic objects, GPR is able to detect nonmetallic objects. The system sends radar pulses into the surface, then it receives and processes the reflected energy. Through advanced processing technology, the system calibrates to the dielectric constant of the surrounding material. When the signal is reflected from a material having a different dielectric constant, the signal is displayed on the screen as an anomaly. Depth can also be determined by processing the sampling interval and determining anomaly. Depth can also be determined by processing the sampling interval and determining the size and comparing relative data of other objects detected.

The radar system is concentrating on changes in dielectric constants and not specifically analyzing the characteristics of those changes, therefore, determination of the composition of the object detected is limited, but possible to some degree.
Characteristics of the underlying soils will effect the penetration of the radar through the ground. Sands and gravel offer the best results with the greatest depth penetration and clearest resolution. Whereas, dense saturated clays offer limited penetration of the radar signal resulting in limited data to process from the returning signal.

GPR utilizes different bandwidth antennas depending on the desired result of the survey. A higher Megahertz antenna will offer the highest resolution, but will not penetrate the surface as far as a lower Megahertz antenna. The lower MHz antenna will penetrate to a greater depth, but the resolution will not be as great as with the higher MHz antenna. An example would be that a 1000 MHz antenna could easily pin point a household telephone wire behind 6 to 8 inches of concrete; a 250 MHz antenna might completely miss it.

With the following parameters in mind an example of expected performance would be:
500 MHz Antenna in clean dry sand, depth penetration 12-15 feet.
250 MHz Antenna in clean dry sand, depth penetration to 40 feet.
500 MHz Antenna in dense wet clay, depth penetration 4-6 feet.
250 MHz Antenna in dense wet clay, depth penetration to 15 feet.

Site investigation prior to radar deployment is critical in determining its suitability and capabilities for your specific needs. While we do make every effort to perform the most complete investigation, it is possible that due to any number of factors including those outlined above, an accurate detection may be difficult to produce in your area of interest. The more information we have, the higher the degree of success can be expected. The biggest limitation of GPR technology is the composition of the material medium through which the investigation will occur.

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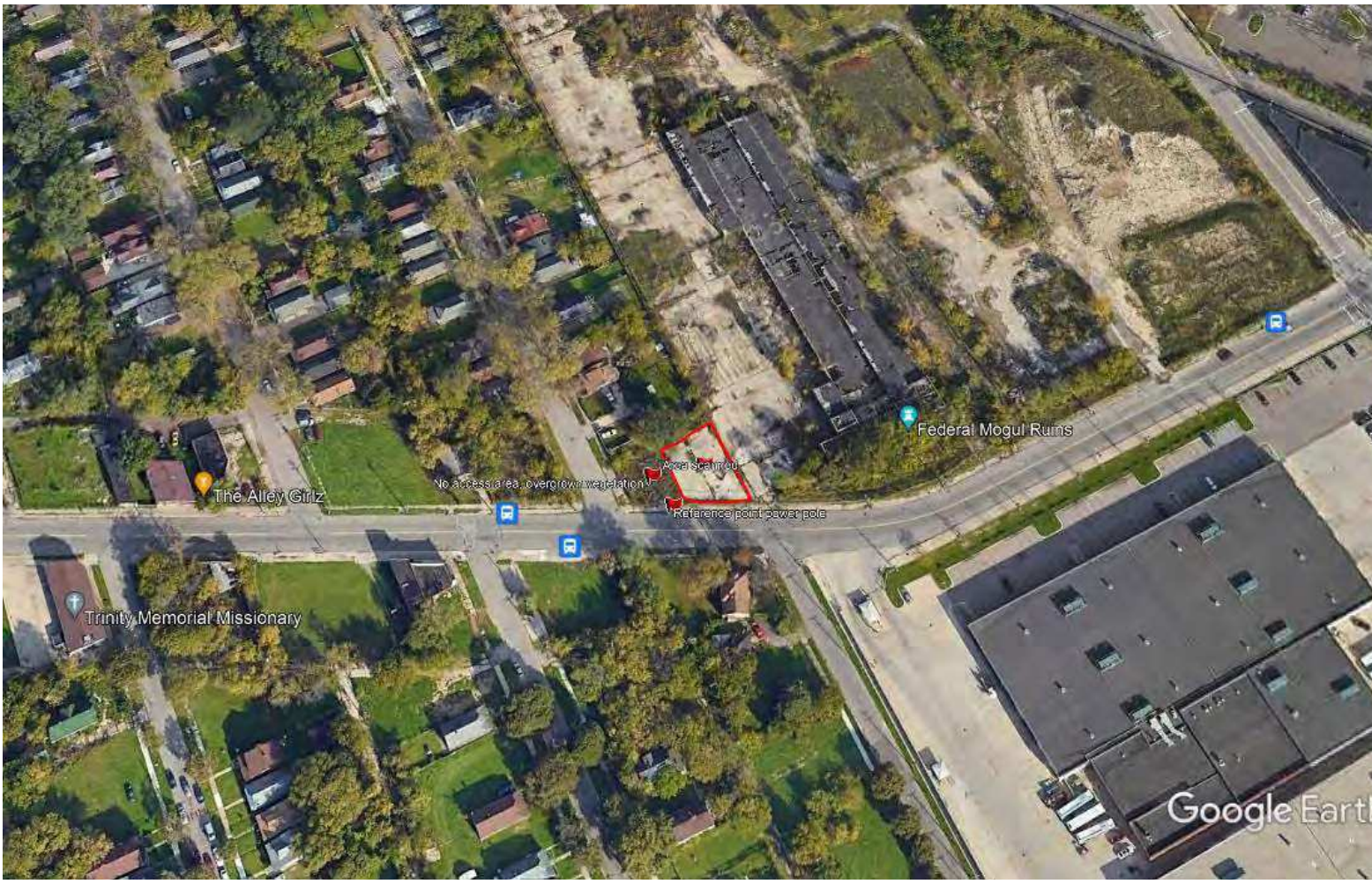
Federal Mogul Ruins
Area scanned
No access area, overgrown vegetation
Reference point power pole
The Alley Griz
Trinity Memorial Missionary
Google Earth

worksmart, inc.

Technical Summary

Ground Penetrating Radar Investigation
For:

11031 Shoemaker Street
Detroit, Michigan

A Ground Penetrating Radar (GPR) investigation was performed at 11031 Shoemaker Street in Detroit Michigan on August 25th 2022. The purpose of the investigation was to determine and mark anomalies consistent with under ground storage tanks (USTs) and utilities under all accessible areas of the empty lot. Areas that could not be scanned were under and near overgrown vegetation.

A triple frequency antenna, operating at 1 GHz, 500 MHz and 250 MHz simultaneously, was used to collect the data scanning to an approximate depth of 2.6 meters. One meter grid lines were used in a North – South and East – West direction. Also two EM based utility locaters were used to help identify existing utilities.

During the scan NO anomalies with consistent features of a UST were identified. No anomalies consistent with utilities were identified. The area scanned was identified and transmitted through electronic file to SME.

During the course of this radar scan, other anomalies deemed inconsistent with the desired targets may have been observed. Since these items were not considered a focus of the investigation, they are not included in this report.

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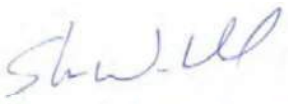
Technician Verification

Ground Penetrating Radar Investigation
For:

11031 Shoemaker Street
Detroit, Michigan

I affirm that I, *Michael McGarry* and *Shaun Michael Wendell* acting as employees and representative of Work Smart, Inc. located in Paw Paw Michigan do here by affirm that I personally performed the Ground Penetrating Radar (GPR) scan at the above described location on August 25th 2022.

Michael P. McGarry
8-30-22



Shaun Michael Wendell
8-30-22

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