

U.S. Environmental Protection Agency

Phase I Environmental Site Assessment Former Detroit Tubular Rivet Facility 1213 Grove Street Wyandotte, Michigan

July 2012





44265 Plymouth Oaks Blvd.
Plymouth, MI 48170-2585
T 734-455-8600
F 734-455-8608
www.ttlassoc.com

July 23, 2012

TTL Project No. 9158.01

U.S. Environmental Protection Agency
c/o Mr. Tom Urmson
Sr. Field Cost Accountant
LATA-KEMRON Remediation Services, LLC
2424 Louisiana Boulevard, N.E., Suite 400
Albuquerque, New Mexico 87110

**Phase I Environmental Site Assessment
Former Detroit Tubular Rivet Facility
1213 Grove Street
Wyandotte, Michigan**

Dear Mr. Urmson:

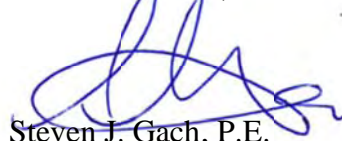
The final report for the Phase I Environmental Site Assessment (ESA) conducted for LATA-KEMRON Remediation Services, LLC (LKR) on behalf of the United States Environmental Protection Agency (U.S. EPA) by TTL Associates, Inc. (TTL) for the above-referenced site is enclosed.

This project was performed in conformance with the requirements specified in the American Society for Testing and Materials (ASTM) "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process," E 1527-05. The purpose of this Phase I ESA was to identify, to the extent feasible pursuant to the processes described in ASTM E 1527-05, Recognized Environmental Conditions in connection with the site.


TTL appreciates the opportunity to provide LKR and the U.S. EPA with our environmental consulting services. Should you have any questions or require additional information, please contact Steve Gach at (734) 455-8600 ext. 1236.

Sincerely,

TTL Associates, Inc.



Steven J. Gach, P.E.
Senior Engineer



Robin J. Clark
Senior Scientist

cc: Mr. Brian Kelly, U.S. EPA

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**PHASE I ENVIRONMENTAL SITE ASSESSMENT
FORMER DETROIT TUBULAR RIVET FACILITY
1213 GROVE STREET
WYANDOTTE, MICHIGAN**

FOR

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
9311 GROH ROAD
GROSSE ILE, MICHIGAN 48138**

**JULY 23, 2012
TTL PROJECT NO. 9158.01**

**TTL ASSOCIATES, INC.
44265 PLYMOUTH OAKS BOULEVARD
PLYMOUTH, MICHIGAN 48170
(734) 455-8600
FAX: (734) 455-8608**



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LIST OF ABBREVIATIONS AND ACRONYMS

AIRS	Aerometric Information Retrieval System
AST	Aboveground storage tank
ASTM	American Society for Testing and Materials
AULs	Activity and Use Limitations
BEA	Baseline Environmental Assessment
BTEX	Benzene, toluene, ethylbenzene and xylenes
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	CERCL Information System
CERC-NFRAP	CERCLIS – No Further Remedial Action Planned
CESQG	Conditionally Exempt Small Quantity Generator
Cousins	Cousins Environmental Services
DTR	Detroit Tubular Rivet, Inc.
EDR	Environmental Data Resources, Inc.
ESA	Environmental Site Assessment
FINDS	Facility Index System
LKR	LATA-KEMRON Remediation Services, LLC
LQG	Large Quantity Generator
LUST	Leaking underground storage tank
MDEQ	Michigan Department of Environmental Quality
Msl	Mean sea level
MSP-FMD	Michigan State Police – Fire Marshal Division
NCP	National Oil and Hazardous Substances Pollution Contingency Plan
NRCS	Natural Resources Conservation Service
PCBs	Polychlorinated Biphenyls
PNA	Polynuclear aromatic hydrocarbon
REC	Recognized Environmental Condition
RCRA	Resource Conservation and Recovery Act
RCRA-NonGen	Not currently a generator of hazardous waste
Sanborn	Sanborn Fire Insurance
SHWS	State and Tribal Hazardous Waste Sites
Site	1213 Grove Street, Wyandotte, Michigan
SQG	Small Quantity Generator
STD	Storage Tank Division
SWRCY	Solid Waste Recycling
TPH	Total petroleum hydrocarbons
TRIS	Toxic Chemical Release Inventory System
TTL	TTL Associates, Inc.
USDA	United States Department of Agriculture
U.S. EPA	United States Environmental Protection Agency
USGS	United States Geological Survey
UST	Underground storage tank
WCHD	Wayne County Health Department
WED	Wyandotte Engineering Department
Weston	Weston Solutions, Inc.
WFD	Wyandotte Fire Department
WWTP	Wastewater Treatment Plant

EXECUTIVE SUMMARY

This report presents the methodology and findings of a Phase I Environmental Site Assessment (ESA) conducted for LATA-KEMRON Remediation Services, LLC (LKR) on behalf of the United States Environmental Protection Agency (U.S. EPA) by TTL Associates, Inc. (TTL) in June and July 2012 for the former Detroit Tubular Rivet, Inc. (DTR) facility located at 1213 Grove Street in Wyandotte, Wayne County, Michigan (site). This Phase I ESA was performed in conformance with the scope and limitations of the American Society for Testing and Materials (ASTM) "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process," E 1527-05. The purpose of this Phase I ESA was to identify, to the extent feasible pursuant to the processes prescribed in ASTM E 1527-05, Recognized Environmental Conditions (RECs) in connection with the site.

Findings and Opinions

The site is approximately 3.63 acres in area and consists of three parcels. The site is currently occupied by a vacant, approximately 53,000 square foot, one-story building, which includes offices, storage and manufacturing areas. The site building includes a wastewater treatment plant (WWTP) and two aboveground storage tanks (ASTs). Surface-level parking, two truck loading docks, and landscaped areas occupy the remainder of the site. The southern parcel is vacant land, separated from the rest of the site by a City of Wyandotte owned property.

From at least 1937 to 1940, the southwestern portion of the main area of the site was occupied by small structures (most likely a residence and outbuildings). The eastern portion of the site was disturbed land and appeared to have been associated with the easterly adjacent property. The remainder of the site was vacant grassy land. The site was vacant of structures from the late 1940s until the development of the site in 1963 with the current light industrial/manufacturing building, with several subsequent building additions. DTR occupied the building from 1963 until filing for bankruptcy in December 2010 and ceasing site operations in August 2011. The site building has been vacant since August 2011.

DTR manufactured bolts, nuts, rivets and other small parts, and provided electroplating services at the site from 1963 until August 2011. The Michigan Department of Environmental Quality (MDEQ) identified that the site was abandoned, with signs of trespassing, and requested assistance from the U.S. EPA in January 2012 to address the environmental hazards identified at the site. A U.S. EPA contractor, Weston Solutions, Inc. (Weston), inspected the site, found 300 drums, totes and small containers within the site building, conducted waste sampling and characterization activities, and issued a Site Assessment Report in late February 2012. Hazardous substances, including cyanide, acids and methylene chloride, were identified in the containers. U.S. EPA concluded that the site posed an "imminent and substantial threat to human health and the environment", and emergency actions to remove the waste containers were initiated in the Spring of 2012. The removal actions were conducted by LKR under contract to the U.S. EPA under the U.S. EPA's authority per the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), between May 21 and June 15, 2012, prior to initiating this Phase I ESA.

Based on the information obtained and evaluated as part of this Phase I ESA, the following suspect environmental conditions were identified in association with the site:

- TTL interviewed Mr. Jerry Keast, President of DTR, to obtain information regarding the site. Mr. Keast indicated that the eastern portion of the site building was used by DTR for storage of steel coils, dumpsters of metal shavings generated from cold heading operations, new oils, and used cutting oils for later recycling. According to Mr. Keast, new oils used for cold heading machinery were shipped to the site and stored in large totes, and used oils were stored in two 1,750-gallon ASTs prior to transportation off-site for recycling. He indicated that the southwestern corner area of the building was used as a maintenance shop/storage area and the northern portion of the building had offices. The central portion of the site building was occupied by a WWTP that had been associated with the former plating operations in the western portion of the site building. The WWTP was connected to the municipal sanitary sewerage system. Mr. Keast said that concrete pits and a trench were used to contain overflow of solvents, plating chemicals and water from the plating lines. He indicated that the concrete pits and trench were not connected to drainage systems, and were pumped out periodically by a contracted waste hauler, as needed. The use of the site for light industrial manufacturing operations from 1963 to 2011, including significant hazardous substance storage and use, plating operations, and solvent degreasing operations is considered a REC in connection with the site.
- Over 300 drums, totes, and other containers were identified in the site building during the January 2012 assessment. Some of the drums showed signs of deterioration, damage, and/or leaks, and trenches and pits were partially full to overflowing with liquids, oils and sludge. Various areas of the concrete floor were stained with oil, grease, and possibly plating wastes. LKR completed waste removal actions between May 21 and June 15, 2012 on behalf of the U.S. EPA. Their mission included securing, characterizing, and removing drums, containerized wastes, spilled waste materials, and hazardous debris located at the site; and the transportation and disposal of characterized or identified hazardous substances, pollutants, wastes, or contaminants at a RCRA/CERCLA-approved disposal facility. Mr. Gary Acquaro, Response Manager for LKR, indicated that LKR was not contracted to address the on-site WWTP, nor the oily residue observed on the ceilings and structural frames. TTL observed a small quantity of liquids in the grated pit area (plating line liquid waste storage area prior to treatment at the WWTP) and the trench located in the plating line area; however, Mr. Acquaro indicated that the pits and trench were pumped out as part of cleanup activities and the liquids were from rainwater from the leaky roof. All remaining drums and containers at the site were observed to be empty and were mainly used as barriers around pit areas.

Based on observations during the Phase I ESA site reconnaissance, it is clear that removal actions have been conducted. Residual oil staining was observed throughout the former manufacturing areas of the site building. The staining appeared to be surficial in nature and the concrete floors in the area of the staining appeared to be largely intact. Based on the conditions observed following U.S. EPA response actions, the materials that were removed from the site do not appear to have significantly impacted the site. However, the long history

of manufacturing operations at the site that included significant hazardous substance and petroleum handling and use is considered to be a REC with respect to the site.

- A WWTP was located in the south-central portion of the site building. The WWTP was reportedly used to pre-treat wastewater generated from plating line operations prior to discharge to the municipal sanitary system. The WWTP was cleaned out during the Summer of 2011 in preparing for an equipment liquidation sale associated with DTR's bankruptcy proceedings. The WWTP is not considered to be a REC in connection with the site.
- Six concrete pits and one trench associated with the former plating line were observed in the western portion of the site building. A grated pit area is located north of the WWTP area, near the former plating line. According to Mr. Acquaro, the grated pit area was most likely a storage area for liquid waste from the plating line. Some cracking and staining in the concrete flooring was observed in the plating line area. Based on the long history of use, the waste that flowed through the system, and the uncertain structural integrity of the system, the pits and trench associated with the plating operations are considered to be a REC in connection with the site.
- Two 1,750-gallon used oil ASTs were observed within the eastern portion of the site building, within a concrete secondary containment area. The ASTs were reportedly used to store used oils from the former cold heading equipment used at the site, for later recycling. The ASTs were reportedly empty. The concrete floors in the area of the ASTs appeared to be intact, with no observed significant cracking, and no floor drains. Based on the conditions observed, the ASTs are not considered to be a REC in connection with the site.
- The site, listed by EDR as Detroit Tubular Rivet, Inc., was identified as a RCRA-LQG, Toxic Chemical Release Inventory System (TRIS), Facility Index System (FINDS), and UST property. According to EDR, the site has had several reported violations associated with its RCRA status. According to Mr. Keast, the reported violations were corrected in a timely manner. The EDR report indicates that compliance was achieved for most of the violations within a year. The site was a generator of universal wastes (lamps), used oil, D001 and F006 wastes. The TRIS listing was for dichloromethane and zinc compounds reported in 2009. The Aerometric Information Retrieval System (AIRS) database indicates that DTR operated a modified vapor degreaser. Evidence of the former degreaser (vent hood) was observed in the western portion of the site building. The former significant use of hazardous substances and petroleum products at the site (particularly in the plating and degreasing operations), which are associated with the facility's RCRA-LQG and AIRs listings, is considered to be a REC in connection with the site.

EDR reported that two 2,000-gallon USTs listed as containing "hazardous substance" were removed from the site on June 4, 1991. One Non-Registered Tank (SA-02, installation and removal date not identified) was also listed for the site. According to MDEQ Storage Tank Division (STD) records, two 2,000-gallon mineral spirits USTs were registered on April 17, 1991 with the Michigan State Police – Fire Marshal Division (MSP-FMD). MDEQ STD information indicates that the two tanks had been located north of the site building. A

closure report for the USTs prepared by Cousins Environmental Services (Cousins), dated July 17, 1991, indicated that the two 2,000-gallon mineral spirits USTs were removed from the site on June 4, 1991 and soil samples were collected for laboratory analysis of benzene, toluene, ethylbenzene and xylenes (BTEX) and total petroleum hydrocarbons (TPH). Toluene was detected at a very low level (10 parts per billion) in one of the samples. Cousins concluded that there was no field or laboratory evidence of a significant release from the USTs. The report was sent to the MSP-FMD, which stated in a letter to DTR, dated August 8, 1991, that there was no evidence of a confirmed release and that no further information or action was required. However, MSP-FMD sent a letter to DTR on August 24, 1992 that indicated additional testing was required to demonstrate that there had not been a release from the USTs. Cousins collected two additional soil samples from the former UST locations and analyzed the samples for polynuclear aromatic hydrocarbons (PNAs), as requested by MSP-FMD. No PNAs were detected in either sample. On October 19, 1992, MSP-FMD sent a letter to DTR that stated that there was no evidence of a confirmed release from the USTs and that no further remediation was required. Based on the Cousins reports and MSP-FMD letter, the two former 2,000-gallon mineral spirits USTs are not considered to be a REC in connection with the site. MSP-FMD records contained no information regarding any additional registered or unregistered USTs at the site. It is suspected that the EDR database that indicates that an unregistered UST exists at the site is associated with the two USTs that were removed. DTR submitted a notice to remove the USTs to the MSP-FMD in March 1991; however, the USTs were not registered until April 1991. This may have resulted in the property being identified as a location of unregistered USTs. Based on the absence of any other documentation indicating the presence of additional USTs at the site, the EDR non-registered tank listing is not considered to be a REC.

- EDR identified the northerly adjoining Fred C. May Trust/Mercury Manufacturing Co. property, located across Grove Street at 1212 Grove Street, as a leaking UST (LUST), UST, RCRA-Small Quantity Generator (SQG) and FINDS facility. One 10,000-gallon carburetor cleaner UST was installed at this facility in 1968 and removed in 1997 and one 1,000-gallon used oil UST was installed in 1973 and was closed in the ground in 1997. The LUST listing pertains to a December 18, 1997 release (substance not identified), and is considered “Open” by the MDEQ. No additional information was available from the LUST database or the MDEQ LUST website. EDR indicated that some general RCRA violations were reported in 1994 and 2004, and that compliance statuses were received in 1995 and 2005 respectively. Based on its inferred cross-gradient location across Grove Street from the site, this property is not considered to be a REC in connection with the site.
- EDR identified the northerly adjoining City of Wyandotte animal pound and recycling center property located across Grove Street at 1170 Grove Street, as a RCRA-SQG property. According to EDR, this property has no reported violations associated with its RCRA status. In addition, this property was included by EDR on its list of “Orphan” facilities (see below), as Wyandotte, City of (1150 and 1168 Grove Street), on the Baseline Environmental Assessment (BEA) database, indicating that contamination above residential criteria was identified at the property. Based on its location across Grove Street from the site (approximately 80 feet), its inferred cross-gradient direction (north), and the likely very slow

groundwater flow in the site vicinity, this property is not considered to be a REC in connection with the site.

- EDR identified the southerly and easterly adjoining City of Wyandotte Department of Public Works property, located at 4201 13th Street, on the UST and RCRA-Conditionally Exempt Small Quantity Generator (CESQG) database. According to EDR, this property has had reported violations associated with its RCRA status, and has achieved regulatory compliance. One 25,000-gallon gasoline and diesel UST, installed in 2001, is currently in use at this property. This property was not identified on any environmental database that indicates that a spill or release has occurred. Based on its regulatory status (absence of reported spills or releases) and inferred cross-gradient location, this property is not considered to be a REC in connection with the site.
- EDR identified the westerly adjoining property, BASF Corp., located at 4112 13th Street, on the RCRA-NonGen and FINDS databases. According to EDR, this property has no reported violations associated with its RCRA status. This property was not identified on any environmental database that indicates that a spill or release has occurred. Based on its regulatory status (absence of reported spills or releases), this property is not considered to be a REC in connection with the site.

Conclusions

TTL has performed a Phase I ESA of the site in conformance with the scope and limitations of ASTM E 1527-05. Any exceptions to, or deletions from, this practice are described in Section 1.2 of this report. This Phase I ESA has revealed no evidence of RECs in connection with the site, except the following:

- The historical use of the site for light industrial manufacturing purposes, including significant hazardous substance storage and use, plating operations, and degreasing operations, from 1963 to 2011.
- The pits and trench in the western portion of the site building that were used to hold plating wastes.

Recommendations

TTL recommends completing a subsurface investigation (Phase II ESA) to assess the site for possible impacts from the identified RECs.

1.0 INTRODUCTION

This report presents the methodology and findings of a Phase I Environmental Site Assessment (ESA) conducted for LATA-KEMRON Remediation Services, LLC (LKR) on behalf of the United States Environmental Protection Agency (U.S. EPA) by TTL Associates, Inc. (TTL) in June and July 2012 for the former Detroit Tubular Rivet, Inc. (DTR) property located at 1213 Grove Street in Wyandotte, Wayne County, Michigan (site). The Phase I ESA has been performed in conformance with the scope and limitations of the American Society for Testing and Materials (ASTM) "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process," E 1527-05.

1.1 Purpose and Scope of Work

The purpose of this Phase I ESA was to identify, to the extent feasible pursuant to ASTM E 1527-05, Recognized Environmental Conditions (RECs) in connection with the site. RECs are defined as:

“The presence or likely presence of any hazardous substances or petroleum products on the property (site) under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on property (site) or into the ground, groundwater, or surface water of the property (site). The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that would generally not be the subject of an enforcement action if brought to the attention of the appropriate governmental agencies.”

The ASTM E 1527-05 Phase I ESA scope of work consists of four components: records review, site reconnaissance, interviews, and a report. All conclusions made in this report are based upon the assessment performed and are subject to the Limitations and Exceptions presented in Section 1.2 and the Data Gaps as presented in Section 7.0 of this report.

1.2 Limitations and Exceptions of Assessment

The information contained in this report was prepared for LKR and the U.S. EPA and is intended for their sole use. Only the parties noted above may rely on the information contained within this Phase I ESA report unless otherwise provided by TTL in writing. Written consent from LKR or the U.S. EPA is required to release any or all information contained in this report to other users. The scope of the services performed in this Phase I ESA might not be appropriate to satisfy the needs of other users; any use or reuse of this document without prior written consent is at the sole risk of said users.

The conclusions and recommendations presented in this report are professional opinions based solely upon the information described in this report and TTL's interpretation of this information. The information presented in this report was compiled and evaluated using generally accepted

environmental assessment practices. The information, conclusions, and recommendations are intended exclusively for the purpose outlined herein.

TTL has reviewed the available information for this site and will not be responsible for conditions arising from concealed, withheld, or incorrect information. In addition, areas that were not accessible or that would have required demolition in order to investigate, such as pavement, walls, and floors were not inspected. No air quality monitoring or chemical analyses of building materials, soil, surface water, drinking water, or groundwater were performed as part of this assessment, except as noted within this report.

No Phase I ESA can wholly eliminate uncertainty regarding the potential for RECs in connection with the site. Performance of a Phase I ESA within the scope and limitations of the ASTM E 1527-05 standard is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs in connection with the site, subject to reasonable limits of time and cost.

The limitations of, and exceptions to, this Phase I ESA include:

- Poor lighting in portions of the site building limited TTL's observations.
- Miscellaneous storage of equipment and household items limited TTL's observations of flooring within the site building.
- The site building and paved parking areas prevented TTL from observing the ground surface throughout most of the site.
- The information contained in this report is accurate only to the degree implied by the methods used in conducting this Phase I ESA.
- The information obtained from publicly available sources is presumed to be reliable.
- Information revealed by person(s) interviewed is presumed to be accurate and truthful.
- The following considerations, not intended to be an all-inclusive list, are outside the scope of the ASTM E 1527-05 standard and are not included within the performance of this Phase I ESA:
 - Asbestos-containing materials survey.
 - Radon testing.
 - Lead-based paint testing.
 - Lead in drinking water.
 - Wetlands determination or delineation.
 - Regulatory compliance.
 - Cultural and historical resources.
 - Industrial hygiene.
 - Health and safety.
 - Ecological resources.

- Endangered species.
- Indoor air quality testing.
- Biological agents.
- Mold.
- High voltage power lines.
- Soil and/or groundwater testing.

This report does not represent a legal opinion, a guarantee or warranty. The current conclusions do not result in any warranty that the site does not contain unidentified regulated materials. Should additional surface, subsurface, or chemical data become available, the findings and conclusions contained in this report shall not be considered valid unless these data are reviewed and the conclusions of the report are modified or approved in writing by TTL.

1.3 User Provided Information

The following information was provided by the U.S. EPA regarding the purpose of performing this Phase I ESA and any existing environmental information that they may have regarding the site. A questionnaire completed by the designated U.S. EPA representative is provided in Appendix A.

1.3.1 Reason for Performing the Phase I ESA

LKR conducted removal actions (under contract to the U.S. EPA) at the site between May 21 and June 15, 2012. The U.S. EPA's representative indicated that this Phase I ESA was being performed to provide information regarding the site's environmental condition that may be helpful in association with the future redevelopment of the property.

1.3.2 Environmental Liens and Activity and Use Limitations

The U.S. EPA indicated that it was unaware of environmental cleanup liens or activity and use limitations (AULs), institutional or engineering control restrictions, for the site. However, the U.S. EPA indicated that an environmental lien may be placed on the property following the recent removal actions at the site.

1.3.3 Specialized Knowledge

The U.S. EPA's removal actions at the site included the removal of bulk liquids, containerized wastes, and spilled wastes at the site, including but not limited to copper-cyanide, methylene chloride, caustic solids, bulky oily solids, used oil, and D002 waste. The U.S. EPA noted that no USTs or stained soils were found during the cleanup. The U.S. EPA reported that there are cracks in the floor in the area of the former plating line and that it is likely that contamination exists under the slab in this area. Information provided by U.S. EPA representatives is included in the appropriate sections of this report.

1.3.4 Commonly Known or Reasonably Ascertainable Information

The site is currently occupied by a vacant, one-story building (1213 Grove Street), surface-level parking and landscaped areas. The site was occupied by DTR from 1963 to 2011. DTR manufactured bolts, nuts, rivets and washers, and conducted zinc and brass electroplating services. Information was generated by the MDEQ and U.S. EPA that identified environmental issues associated with the site during 2011 and 2012, much of which is available to the public and included in this Phase I ESA.

1.3.5 Valuation Reduction for Environmental Issues

This Phase I ESA was performed for LKR on behalf of the U.S. EPA. Neither entity is involved in a site property transaction.

1.4 Additional Services

TTL did not perform additional services beyond the ASTM E 1527-05 scope of work for this Phase I ESA.

2.0 SITE DESCRIPTION

This section discusses the site location and legal description, site utilities, and the site's physical setting characteristics.

2.1 Site Location and Legal Description

Site Address(es):	1213 Grove Street, Dearborn, Michigan
Historic Site Address(es)	None identified
Side of the Street:	South side of Grove Street, east side of 13 th Street
Nearest Intersection:	The site is located at the southeast corner of the intersection of Grove Street and 13 th Street.
Parcel Number(s):	57-022-11-0237-002 (northern portion of the site), 57-022-10-0032-303 (south/central portion of the site), and 57-022-10-0032-301 (southwestern site parcel)
Zoning:	Industrial (I-2)

The site is approximately 3.63 acres in area and consists of three parcels, as designated above. The site is currently occupied by a vacant, approximately 53,000 square foot, one-story building, which includes offices, storage and manufacturing areas. Surface-level parking, two truck loading docks and grassy areas occupy the remainder of the site. Parcel 57-022-10-0032-301 is vacant land, separated from the rest of the site by a City of Wyandotte owned property. Refer to Figure 1.0, which is a map indicating the approximate location of the site, and Figure 2.0, which is a site sketch. A map which illustrates the approximate boundaries of the site, and legal descriptions for the site parcels, were obtained from the City of Wyandotte and are included in Appendix B. The map and legal descriptions are provided for convenience only and should not be relied upon as definitive site descriptions.

2.2 Site Utilities

Current/Formal Water Supply:	According to Ms. Kelly Roberts of the City of Wyandotte Engineering Department (WED), municipal drinking water has been available to the site vicinity since at least the 1940s. Ms. Roberts indicated the site building was likely connected to the municipal drinking water supply at the time of its construction (1963).
Current/Formal Sewage Connection:	According to Ms. Roberts, municipal sanitary sewers have been available to the site vicinity since at least the 1940s. City of Wyandotte records identified that the site building was connected to the municipal sanitary sewerage at the time of its construction in 1963.

Current/Formal Heating
Supply:

The site buildings are currently heated via natural gas. According to WED information, the site building has been heated via natural gas since construction (1963).

An apparent residence occupied the southwestern portion of the site from at least 1937 until the 1940s. No information regarding the heating source for this former structure was identified. It is possible that this structure was heated using heating oil stored in an aboveground storage tank (AST) or underground storage tank (UST). The undocumented, possible former use of heating oil at the site is not considered a REC in connection with the site. If a heating oil UST is discovered during future redevelopment of the site, it should be removed and disposed of in a manner consistent with applicable local, state, and federal regulations.

2.3 Physical Setting

This section discusses the topography, geology, and hydrology in the vicinity of the site. An understanding of the site's physical setting is necessary to evaluate the potential for impact to the site from possible RECs at and in the vicinity of the site.

2.3.1 Topography

A review of the Wyandotte, Michigan United States Geological Survey (USGS) Topographic Quadrangle (dated 1967, photorevised 1981) indicated that surficial topography in the site vicinity [elevation approximately 580 feet above mean sea level (msl)] is nearly level with a very slight downward slope to the east towards the Detroit River, located approximately 4,000 feet from the site.

2.3.2 Soils/Geology

Wayne County, Michigan lies within an area that was glaciated approximately 10,000 to 12,000 years ago. As the glaciers melted, most of Wayne County became inundated by the glacial Great Lakes. Surficial soils in the county are generally lacustrine clay, silt and sand deposited in the former glacial lake. The clay and silt were deposited in extensive, flat, formerly inundated areas. Sand deposits were formed on former beaches and in near off-shore areas. Glacial deposits within Wayne County are a few feet thick in the southeast near the Detroit River and thicken gradually to the west and more rapidly to the northwest, where glacial materials are more than 300 feet thick.

According to the U.S. Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) Web Soil Survey, the site is in an area that is not mapped. The site area is in an area of urban development where, typically, the native soils have been disturbed and covered with a relatively impervious layer consisting of buildings, sidewalks, streets, and other structures.

2.3.3 Hydrology

The local and site hydrology are summarized as:

- Private wells are not currently used in the site area for drinking water because of the presence of a public drinking water supply system.
- Stormwater would be expected to infiltrate the ground surface in unpaved areas and flow into the stormwater collection system located throughout the site and the adjoining streets (Grove Street and 13th Street) from paved areas of the site.

Site-specific information regarding the depth to groundwater and the groundwater flow direction was not identified during this Phase I ESA. The water table typically mimics the ground surface topography. The topography in the site area slopes gently to the east toward the Detroit River; therefore, shallow groundwater is inferred to generally flow toward the east in the site area. Based on the nearly level topography and predominant lacustrine clay in the general area, shallow groundwater flow rates are likely to be very slow.

3.0 SITE HISTORICAL/RECORDS REVIEW

The review of historical sources is utilized to develop a history of the previous uses of the site, in order to help identify the likelihood of past uses having led to RECs in connection with the site.

3.1 Summary of Historical/Records Review

A review of historical resources identified during the performance of this Phase I ESA has identified the following current/historical uses of the site:

Table 1.0 Summary of Historical Site Use	
Year	Identified Use(s)
1937-1940	The southwestern portion of the main area of the site was occupied by small structures (likely a residence and outbuildings). The eastern portion of the site was disturbed land that appeared to have been associated with the easterly adjoining property. The remainder of the site was vacant, grassy land.
Late 1940s-Early 1960s	The site was vacant of structures and appeared to be mostly grassy with some trees in the area of the former residence. The eastern portion of the site appeared to be disturbed (1949) and associated with the easterly adjoining property. The remainder of the site was vacant land.
1963-Present	The site has been occupied by a one-story light industrial/manufacturing building since 1963, which has had several building additions. DTR manufactured bolts, nuts, rivets and other small parts, and conducted plating operations at the site from 1963 until August 2011. The site has been vacant since 2011.

The long-term use of the site for light industrial manufacturing operations from 1963 to 2011, with the significant storage and use of hazardous substances and petroleum products and plating operations is considered to be a REC. None of the other identified historical uses of the site are considered to be RECs in connection with the site.

3.2 Ownership Information

According to information provided in a Title Search Report for the site prepared by Weston Solutions, Inc. (Weston) for the U.S. EPA, dated March 21, 2012, at the time of the report the site was owned by Francis J. DeSana, Gerald L. Keast, and Mary Jo Keast Sadonis.

Prior to April 9, 1965, Lot 32 of Wyandotte Industrial Subdivision No. 1, which includes most of the site (most of the northern two site parcels), was owned by Wyandotte Chemical Corporation. Wyandotte Chemical Corporation conveyed Lot 32 to DTR through a Warranty Deed. Prior to June 15, 1965, the small southwestern portion of the site was owned by Saul Parker, Trustee of

DTR Employees' Profit Sharing Trust. On June 8, 1965, DTR conveyed the site to Elmer J. DeSana, Jr., Leonard J. Keast, and Francis DeSana (persons affiliated with DTR) through a Warranty Deed. Additional details of the site ownership history are provided in the Title Search Report (Appendix C).

3.3 Prior Use Interviews with Owner(s) and Occupant(s)

TTL interviewed Mr. Jerry Keast, President of DTR, to obtain information regarding the site. According to Mr. Keast, the site was occupied by DTR from the time the site building was originally constructed in 1963 until August 5, 2011, due to bankruptcy and foreclosure issues. According to Mr. Keast, the site was vacant land prior to the development of the site by DTR. Mr. Keast stated that DTR manufactured bolts, nuts, rivets, and other small parts, and also conducted plating operations. Mr. Keast said that equipment associated with the business was sold in an auction in Fall 2011 as part of the business bankruptcy proceedings.

Mr. Keast indicated that the eastern portion of the site building was used by DTR for storage of steel coils, dumpsters of metal shavings generated from cold heading operations, new oils and used cutting oils. According to Mr. Keast, new oils used for cold heading machinery were shipped to the site and stored in large totes, and used cutting oils were stored in two 1,750-gallon ASTs prior to disposal off-site at a recycling facility by a contracted waste hauler.

The southwestern portion of the building was occupied by a maintenance shop/storage area, and the northern portion of the site building was occupied by offices.

The central portion of the site building was and still is occupied by a wastewater treatment plant (WWTP) associated with the former plating operations, which were located in the western portion of the site building. The WWTP was connected to the municipal sanitary sewerage system and was reportedly monitored routinely when DTR was in operation. Mr. Keast indicated that he has little knowledge about the operations and maintenance of the WWTP; however, he indicated that violations were corrected in a timely manner. Mr. Keast provided TTL with the name and contact information of the WWTP operator, Mr. Craig Scaife. No response from Mr. Scaife was received during the time frame of this Phase I ESA.

Mr. Keast indicated that the concrete pits and trench located in the site building were used to contain overflow of solvents, plating chemicals, and water from the plating lines. He indicated that the concrete pits and trench did not have drainage systems, but had been pumped out by a contracted waste hauler, as needed.

Mr. Keast indicated that a methylene chloride-based parts washer had been located southeast of the WWTP area. Mr. Keast indicated the parts washer was used at the site for the past 10 to 15 years, and had replaced a corn cob tumbler washer. Mr. Keast indicated the majority of the remainder of the manufacturing floor area was occupied by 30 cold heading machines and small offices. Mr. Keast indicated that all chemical recycling was completed by contractors.

Mr. Keast stated that the site building was heated via natural gas since its construction in 1963. He indicated that a small UST containing mineral spirits, located north of the site building, was

removed from the site approximately 25 years ago. He said that regulatory agencies were present during the removal of the mineral spirits UST, soil testing was completed, and no issues were identified. Mr. Keast indicated that he does not have documentation of the removal activities associated with the mineral spirits UST. Additional information obtained from the MDEQ regarding the mineral spirits UST is discussed in Section 5.0.

Mr. Keast has been associated with the site for the past 42 years. He said that he was not aware of any environmental concerns associated with the site. Mr. Keast completed a questionnaire regarding the availability of “helpful documents” (as defined by ASTM E 1527-05) pertaining to liens, recorded activity and use limitations, environmental violations, permits, previous environmental reports, and/or other environmental documents for the site. The completed owner questionnaire is included in Appendix A.

TTL interviewed Mr. Gary Acquaro, Response Manager for LKR, for information regarding the site. Mr. Acquaro also provided access to the site. He said that Kemron was contracted by the U.S. EPA to conduct removal actions at the site, including the off-site disposal of abandoned hazardous waste containers, removal of the contents of the two on-site 1,750-gallon used oil ASTs, disposal of oily debris, disposal of F006 filter cakes, disposal of caustic contents from ventilation system debris, removal of sludge from the plating line floor, removal of contaminated liquids from six pits and one trench associated with the plating lines, removal of contaminated liquids from a grated containment pit area reportedly used to store liquid waste from plating lines prior to treatment at the on-site WWTP. LKR also conducted limited patching of the leaky roof. The removal actions started on May 21, 2012 and were completed on June 15, 2012. Mr. Acquaro provided TTL with copies of waste manifests, an inventory of waste containers removed, and laboratory testing data for disposal characterization, copies of which are included in Appendix C. He indicated that there is oily residue on the ceilings and structural frames; but that LKR had not been contracted to clean that up. In addition, Mr. Acquaro indicated that LKR was not contracted to address the on-site WWTP. Mr. Acquaro indicated he was not aware of any other environmental concerns associated with the site. Mr. Acquaro completed the Key Site Manager Questionnaire, which is included in Appendix A.

TTL interviewed Mr. Kevin Haxter, another site owner representative. Mr. Haxter indicated that his grandfather was one of the founders of DTR, but had gotten out of the business in 1969. Mr. Haxter was not aware of former DTR operations or activities at the site. Mr. Haxter indicated that, approximately 20 years ago, land was exchanged between the owners of the site and the City of Wyandotte, at the time of the construction of the City of Wyandotte Department of Public Works facility located east and south of the site, and that that was how the southwestern portion of the site came to have discontinuous parcels. Mr. Haxter indicated that, to his knowledge, the southern site parcel has always been vacant land and that his grandfather had intended to use that land for a railroad spur. Mr. Haxter indicated that he was not aware of any environmental concerns associated with the site, except that the U.S. EPA was involved in cleanup activities at the site in 2012 associated with abandoned containers.

3.4 Local Government Agency Record Review

The following agencies were contacted to obtain information regarding potential environmental concerns associated with the site:

- City of Wyandotte
- Wyandotte Fire Department (WFD)
- Wayne County Health Department (WCHD)
- Michigan Department of Environmental Quality (MDEQ)

TTL was provided information for the site by the City of Wyandotte. The information provided indicates that the site building was originally constructed in 1963 with building additions in 1964, 1966, 1969, 1970, 1973 and 1978. City of Wyandotte records identified Wayne County Department of Environment, Industrial Pretreatment, Class D Wastewater Discharge Permits for the on-site WWTP, for the period of 1993 through 2013. The permits allowed DTR to discharge pretreated electroplating wastewater from rinsing operations, and rivet parts washer wastewater. Wastes treated by the WWTP included cleaner, acid, hexavalent chromium rinses, zinc rinses, trivalent chromium rinses, and brass plating rinses. Violation of wastewater discharge limits notices were also on file.

TTL contacted the WFD to obtain information regarding any USTs, ASTs, or environmental incidents for the site. No response from the WFD was received during the time frame of this Phase I ESA.

TTL contacted the WCHD to obtain information regarding health violations, water wells, sanitary/septic systems, environmental issues, USTs, and/or ASTs at the site. No response from the WCHD was received during the time frame of this Phase I ESA.

TTL contacted the MDEQ to obtain information regarding USTs, ASTs and environmental incidents at the site. MDEQ provided documentation regarding the removal of two 2,000-gallon mineral spirits USTs from the site in 1991. The USTs are further discussed in Section 5.0 of this report.

3.5 Historical Maps

Sanborn Fire Insurance (Sanborn) maps were requested from Environmental Data Resources, Inc. (EDR), but were not available for the site.

3.6 Historical City Directories

Historical city directories dated 1933, 1936, 1940, 1945, 1950, 1954, 1959, 1965, 1970, 1975, 1980, 1985, 1990, 1995, 2000, 2003-2004 and 2010 were reviewed at the Bacon Memorial District Library. Copies of the available city directory information pertaining to the site and immediate vicinity are included in Appendix D, information from which is summarized below for the site.

Address	Listing	Dates(s)
1213 Grove Street	No listing	1933, 1936, 1940, 1945, 1950, 1954 and 1959
	Detroit Tubular Rivet, Inc.	1965, 1970, 1975, 1980, 1985, 1990, 1995, 2000 and 2003-2004
	No listing	2010

3.7 Aerial Photographs

Copies of aerial photographs dated 1937, 1940, 1949, 1957, 1961, 1967, 1972, 1985, 1993, 1999, 2000 and 2005 were obtained from EDR. A copy of an aerial photograph dated 2011 was obtained from the Google Maps website. Information obtained from the aerial photographs is summarized below.

Date	Information
1937 and 1940	The southwestern portion of the main area of the site was occupied by small structures (likely a residence and outbuildings). The eastern portion of the site was disturbed land that appeared to have been associated with the easterly adjoining property. The remainder of the site was vacant grassy land.
1949, 1957 and 1961	The site was vacant of structures and appeared to be mostly grassy with some trees in the area of the former residence. The eastern portion of the site appeared to be disturbed (1949) and associated with the easterly adjoining property.
1967, 1972, 1985, 1993, 1999, 2000, 2005 and 2010	The site was occupied by a small industrial building in the location of the current site building. Several building additions were constructed between 1972 and 1985.

Due to the poor quality and scale of some of the aerial photographs reviewed, the level of ascertainable detail was limited. Copies of the aerial photographs reviewed are included in Appendix E.

3.8 Previous Environmental Reports

The following environmental reports were provided to TTL by the U.S. EPA:

- Site Assessment Report for Detroit Tubular Rivet Site, Wyandotte, Wayne County, Michigan, prepared by Weston Solutions, Inc., dated February 28, 2012.

- Memorandum: Request for Approval and Funding for a Time-Critical Removal Action at the Detroit Tubular Rivet Site, Wyandotte, Wayne County, Michigan (Site ID #C5C7), prepared by Brian Kelly, On-Scene Coordinator, Emergency Response Section 2, U.S. EPA., dated April 10, 2012.

In addition, LKR provided TTL with copies of cleanup documents including waste disposal manifests, a hazardous waste container inventory, and laboratory analytical results for waste disposal characterization.

U.S. EPA information indicates that DTR manufactured bolts, nuts, rivets and washers, and operated zinc and brass electroplating services until filing for bankruptcy on December 17, 2010. MDEQ noted several hazardous waste violations at the site during an inspection on July 26, 2011. The facility ceased operations on August 5, 2011. An equipment auction was conducted in September 2011. A follow-up inspection was conducted by MDEQ on December 13, 2011, and additional violations were identified, and provided to DTR in a notice dated January 12, 2012. DTR indicated that it would be unable to correct most of the violations due to financial conditions in correspondence to the MDEQ on January 25, 2012, and on the same date, MDEQ requested EPA assistance in addressing environmental hazards at the site.

On January 30, 2012, the U.S. EPA conducted an assessment at the site which found over 300 drums, totes and other containers that had been abandoned within the site building. In addition, a roll-off dumpster containing cyanide electroplating solids was noted outside of the building. Most of the site equipment was liquidated in an auction in August 2011. During the January 2012 site assessment, only abandoned drums, totes and containers and a few pieces of equipment associated with the site were still present. Some drums showed signs of deterioration, damage, and/or possible leaking, and trenches and pits were partially full to overflowing with liquids, oil and sludge. Various areas of the concrete floor were reportedly stained with oil, grease and possibly plating waste solids. The site assessment identified corrosive waste, methylene chloride waste, and cyanide waste at the site, all of which are considered hazardous substances under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). Based on these findings, the U.S. EPA determined that the conditions at the site presented a substantial threat to the public health, welfare, and the environment, and met the criteria for a time-critical removal action as provided for in the National Oil and Hazardous Substances Pollution Contingency Plan (NCP), 40 Code of Federal Regulations (CFR) 300.415(b)(2).

Under the U.S. EPA's direction, LKR completed removal actions at the site between May 21, 2012 and June 15, 2012. LKR's mission included securing, characterizing, and removing drums, containerized wastes, spilled waste materials, and hazardous debris located at the site, and the transportation and disposal of characterized or identified hazardous substances, pollutants, wastes, or contaminants at a RCRA/CERCLA-approved disposal facility.

Based on observations during the Phase I ESA site reconnaissance, it is clear that removal actions were conducted. Drums, other containers that contained hazardous substances, and the roll-off box had been removed. The concrete floors of the building had some staining, but no free liquids. Small quantities of liquids were observed in the grated pit area (plating line liquid waste storage area prior to treatment at the WWTP) and in the trench located in the plating line

area. Mr. Acquaro indicated that the pits and trench had been pumped out as part of LKR's cleanup activities and that the observed liquids were from rainwater from the leaky roof. All remaining drums and containers at the site were observed to be empty and were mainly used as barriers around pit areas.

Copies of the reports and documentation provided by the U.S. EPA are included in Appendix C.

4.0 SITE RECONNAISSANCE

This section discusses the observations of the site during the Phase I ESA field activities.

4.1 Methodology and Limiting Conditions

Field activities were conducted by Ms. Marcia H. Lim of TTL on June 20, 2012. These activities included a grounds reconnaissance to observe site conditions to identify RECs, if any, at the site and adjoining properties. TTL's systematic approach for performing the site reconnaissance was to obtain overlapping views of the site. Refer to Figure 2.0 for the approximate locations of pertinent site features. Photographs of the site, pertinent site features, and surrounding properties are included in Appendix F.

On the day of the site visit, the weather was sunny, with temperatures in the 90s. Portions of the building were poorly lit, limiting visibility in certain areas. Mr. Acquaro accompanied TTL on the site visit.

4.2 Site Description and Current Uses

Access to the site is via Grove Street (northern boundary) and 13th Street (western boundary). The site is occupied by a vacant, approximately 53,000 square foot, one-story building (1213 Grove Street). The site building includes offices, light industrial/manufacturing areas, two truck loading docks (north and west sides of the building), storage areas, a WWTP (not in use), and two approximately 1,750-gallon used oil ASTs (reportedly empty). An asphalt-paved parking area is located east of the site building and a concrete-paved parking area is located west of the site building along 13th Street. The site building was occupied by DTR from 1963 until 2011. The business was liquidated in the Fall of 2011.

4.3 Site Observations

TTL's site observations that were performed to identify potential RECs in connection with the site are summarized below in Table 2.0.

Table 2.0 Summary of Site Observations				
	Observed On-site?			Comments
	Yes	No	Possible	
Hazardous Material Storage and/or Handling		X		None currently/
Petroleum Products Storage and/or Handling		X		None currently/
Electrical Transformers	X			Two pad-mounted transformers were situated west of the site building.
Hydraulic Lifts		X		
Floor Drains and/or Sumps	X			Floor drains were located in the restrooms of the site building. Six concrete pits and one trench associated with a plating line are located within the western portion of the site building. A WWTP was observed in the south-central portion of the site building. A grated pit area was observed north of the WWTP.
USTs		X		
ASTs	X			Two empty 1,750-gallon used oil ASTs were located within the western portion of the site building, within a concrete containment area.
Noxious Odors		X		
Pools of Liquid	X			Standing water was observed in the truck well located along the eastern portion of the site building.
Staining (Interior or Exterior)	X			Oily staining was observed throughout the former manufacturing areas of the site building. Oily staining was also observed on the ceiling of the manufacturing floor of the building on beams and in the vicinity of exhaust vents.
Stressed Vegetation		X		
Pits, Ponds, or Lagoons		X		
Filled Areas		X		
Wells (drinking, monitoring, dry)		X		
Septic System		X		
Controlled Substances		X		
Other Observations	X			A pile of miscellaneous debris was observed in the southern portion of the building. Miscellaneous debris was observed in the parking lot area east of the site building.

Two pad-mounted electrical transformers are located west of the site building. The electrical transformers, potential sources of polychlorinated biphenyls (PCBs), did not appear to be leaking or damaged. In accordance with federal regulations, transformers that have not been tested are assumed to be "PCB contaminated" (between 50 and 500 parts per million). There is no requirement to replace or to test a transformer unless there is a malfunction or evidence of leakage. In the event of either occurrence, DTE Energy, the owner of the transformers, would be

responsible in accordance with all applicable federal, state, and local regulations. The electrical transformers are not considered to be RECs in connection with the site.

Floor drains are located in the restroom and utility areas of the site building. The floor drains are reportedly connected to the municipal sanitary sewer system. No staining was observed in the immediate vicinity of the floor drains. The floor drains are not considered to be a REC in connection with the site.

Two 1,750-gallon used oil ASTs were observed within the eastern portion of the site building within a concrete secondary containment area. The ASTs were reportedly used to store used oils recycled from the cold heading equipment formerly used at the site. The ASTs were reported to be empty. The concrete floors in the area of the ASTs appeared to be intact, with no observed significant cracking, and no floor drains. Based on the conditions observed, the ASTs are not considered to be a REC with respect to the site.

Standing water was observed in the exterior truck well area located west of the site building. No sheens or odors were observed in the area of the standing water. The standing water is not considered to be a REC in connection with the site.

Staining was observed throughout the former manufacturing areas of the site building. The staining appeared to be surficial in nature and the concrete floors in the area of the staining appeared to be largely intact. Oil staining was observed on the ceiling of the manufacturing floor of the site building and in the vicinity of exhaust vents. The oil staining appeared to be surficial in nature. Based on the conditions observed, the stained areas in intact concrete-floored areas and on non-flooring structures, are not considered to be a REC with respect to the site.

A WWTP was located in the south central portion of the site building. The WWTP was reportedly used to pre-treat wastewater generated from plating line operations prior to discharge to the municipal sanitary system. The WWTP was cleaned out during the Summer of 2011 in preparing for an equipment liquidation sale associated with DTR's bankruptcy proceedings. The WWTP is not considered to be a REC in connection with the site.

Six concrete pits and one trench associated with the former plating line were observed within the western portion of the site building. The concrete pits and trench were reportedly not connected to any drains, and no drains were observed within the pits. The trench was observed to contain water. Mr. Acquaro indicated that the pits and trench were pumped out during cleanup activities and that the standing water was from rainwater leaking through the roof.

A grated pit area is located north of the WWTP area. According to Mr. Acquaro, the grated pit area was most likely a storage area for liquid waste from the plating line. Liquids in the pits were pumped to the on-site WWTP, the treated effluent from which was discharged to the municipal sanitary sewer system. Some cracking and staining of the concrete floor was observed in the plating area. Based on the long history of use, the waste that flowed through the system, and the uncertain structural integrity of the system, the pits and trench associated with the plating operations are considered to be a REC in connection with the site.

A stockpile of miscellaneous debris, including empty plastic containers and metal debris was observed in the southern portion of the site building. No evidence of chemical or petroleum spills, staining, or suspect odors was observed in the area of the debris. Based on the observed conditions, the debris is not considered to be a REC in connection with the site.

Miscellaneous debris including wood pallets, tires and plastic, was observed in the parking lot area east of the site building. No evidence of chemical or petroleum spills, staining, or suspect odors was observed in the area of the debris. Based on the observed conditions, the debris is not considered to be a REC in connection with the site.

5.0 REGULATORY FILE SEARCH

EDR was contracted to perform a search of ASTM-specified federal, state and tribal databases to obtain information that will assist in the identification of potential RECs in connection with the site. This database report identifies known facilities of environmental concern within their respective minimum search distance radii as specified by ASTM E 1527-05. A copy of the EDR report is presented in Appendix G. The federal, state and tribal databases researched and their respective minimum search distances are summarized below.

Federal Records

- National Priority List (NPL) – 1.0 mile radius
- Delisted NPL – 0.5 mile radius
- Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) – 0.5 mile radius
- CERCLIS No Further Remedial Action Planned (NFRAP) – 0.5 mile radius
- Resource Conservation and Recovery Act (RCRA)
 - Treatment, Storage, and Disposal (TSD) facilities – 0.5 mile radius
 - Corrective Action Facilities (CORRACTS) – 1.0 mile radius
 - Small Quantity Generators (SQG) – Site and Adjoining
 - Large Quantity Generators (LQG) – Site and Adjoining
- Emergency Response Notification System (ERNS) – Site
- Institutional Control/Engineering Control Registries – Site
- U.S. Clandestine Drug Lab (USCDL) – Site
- Clandestine Drug Lab Listings (CDL) – Site
- National Clandestine Laboratory Register (US HIST CDL) – Site

State and Tribal Records

- State and Tribal Hazardous Waste Sites (SHWS) – 1.0 mile radius
- Solid Waste Landfills and Solid Waste Disposal Sites – 0.5 mile radius
- Underground Storage Tanks (USTs) – Site and Adjoining
- Leaking Underground Storage Tanks (LUST) – 0.5 mile radius
- Institutional Control/Engineering Control Registries – 0.5 mile radius
- Voluntary Cleanup Sites – 0.5 mile radius
- Brownfield Sites – 0.5 mile radius

Table 3.0 below summarizes the facilities identified within 0.25-mile of the site on their respective search radii referenced on the above ASTM-specified federal and state databases. Facilities farther than 0.25-mile from the site are not considered to be potential RECs based on their distance from the site. Table 3.0 also provides an evaluation of each of the facilities as a potential REC based on its regulatory status, distance, and direction from the site. Groundwater is inferred to flow to the east in the site vicinity. However, based on the nearly level topography and predominant lacustrine clay in the site area, shallow groundwater flow rates are likely to be very slow.

Table 3.0 Facilities Identified on the ASTM-Specified Federal and State Databases			
Facility Name and Address	Database Listing	Approximate Distance and Direction from Site	REC (Yes/No)
Detroit Tubular Rivet Inc. 1213 Grove Street	RCRA-LQG TRIS FINDS UST AIRS	Site	Yes
Fred C May Trust/ Mercury Manufacturing Co. 1212 Grove Street	LUST (Open) UST AIRS RCRA-SQG FINDS	80 feet north (northerly adjoining)	No
City of Wyandotte 1170 Grove Street (Also Orphan-listed by EDR as Wyandotte, City of 1150 and 1168 Grove Street)	RCRA-SQG (BEA)	80 feet north (north adjoining)	No
City of Wyandotte 4201 13 th Street	UST RCRA-CESQG	Southerly adjoining	No
BASF Corp 4112 13 th Street	RCRA-NonGen FINDS	80 feet west (westerly adjoining)	No
Crest Industries Inc. 3855 13 th Street/3841-3855 13 th Street	UST RCRA-NonGen	580 feet north- northwest	No
JD & B Associates LLC/Armanda Oil & Gas Co./Robert A Amori 3810 11 th Street	RCRA-NonGen FINDS AST BEA UST	700 feet north- northeast	No
School Dist/City of Wyandotte 1501 Grove Street	UST	760 feet west	No
Production Finishing/Horizon Technology Group Wyandotte 4261 13 th Street	SHWS BEA CERC-NFRAP RCRA-NonGen FINDS	880 feet south- southwest	No
Barnes Family Group Wyandotte/Karmazin Products/ Karmazin Products Corporation 3776 11 th Street	RCRA-NonGen BEA SHWS SWRCY	910 feet north- northeast	No
Cadon Plating Company 1060 Arch Street	BEA	970 feet north- northeast	No

The site, listed by EDR as Detroit Tubular Rivet, Inc., was identified as a RCRA-LQG, Toxic Chemical Release Inventory System (TRIS), Facility Index System (FINDS), and UST property. According to EDR, the site has had several reported violations associated with its RCRA status. According to Mr. Keast, the reported violations were corrected in a timely manner. The EDR report indicates that compliance was achieved for most of the violations within a year. The site was a generator of universal wastes (lamps), used oil, D001 and F006 wastes. The TRIS listing was for dichloromethane and zinc compounds reported in 2009. The Aerometric Information Retrieval System (AIRS) database indicates that DTR operated a modified vapor degreaser. Evidence of the former degreaser (vent hood) was observed in the western portion of the site building. The former significant use of hazardous substances and petroleum products at the site (particularly in the plating and degreasing operations), which are associated with the facility's RCRA-LQG and AIRs listings, is considered to be a REC in connection with the site.

EDR reported that two 2,000-gallon USTs listed as containing "hazardous substance" were removed from the site on June 4, 1991. One Non-Registered Tank (SA-02, installation and removal date not identified) was also listed for the site. According to MDEQ Storage Tank Division (STD) records, two 2,000-gallon mineral spirits USTs were registered on April 17, 1991 with the Michigan State Police – Fire Marshal Division (MSP-FMD). MDEQ STD information indicates that the two tanks had been located north of the site building. A closure report for the USTs prepared by Cousins Environmental Services (Cousins), dated July 17, 1991, indicated that the two 2,000-gallon mineral spirits USTs were removed from the site on June 4, 1991 and soil samples were collected for laboratory analysis of benzene, toluene, ethylbenzene and xylenes (BTEX) and total petroleum hydrocarbons (TPH). Toluene was detected at a very low level (10 parts per billion) in one of the samples. Cousins concluded that there was no field or laboratory evidence of a significant release from the USTs. The report was sent to the MSP-FMD, which stated in a letter to DTR, dated August 8, 1991, that there was no evidence of a confirmed release and that no further information or action was required. However, MSP-FMD sent a letter to DTR on August 24, 1992 that indicated additional testing was required to demonstrate that there had not been a release from the USTs. Cousins collected two additional soil samples from the former UST locations and analyzed the samples for polynuclear aromatic hydrocarbons (PNAs), as requested by MSP-FMD. No PNAs were detected in either sample. On October 19, 1992, MSP-FMD sent a letter to DTR that stated that there was no evidence of a confirmed release from the USTs and that no further remediation was required. Based on the Cousins reports and MSP-FMD letter, the two former 2,000-gallon mineral spirits USTs are not considered to be a REC in connection with the site. MSP-FMD records contained no information regarding any additional registered or unregistered USTs at the site. It is suspected that the EDR database that indicates that an unregistered UST exists at the site is associated with the two USTs that were removed. DTR submitted a notice to remove the USTs to the MSP-FMD in March 1991; however, the USTs were not registered until April 1991. This may have resulted in the property being identified as a location of unregistered USTs. Based on the absence of any other documentation indicating the presence of additional USTs at the site, the EDR non-registered tank listing is not considered to be a REC. MDEQ-STD file information is included in Appendix B.

EDR identified the northerly adjoining Fred C. May Trust/Mercury Manufacturing Co. property, located across Grove Street at 1212 Grove Street, as a LUST, UST, RCRA-SQG and FINDS facility. One 10,000-gallon carburetor cleaner UST was installed at this facility in 1968 and removed in 1997, and one 1,000-gallon used oil UST was installed in 1973 and was closed in the ground in 1997. The LUST listing pertains to a December 18, 1997 release (substance not identified), and the release is considered “open”. No additional information was available from the LUST database or MDEQ LUST website. EDR indicated that some general RCRA violations were reported in 1994 and 2004, and received compliance statuses in 1995 and 2005 respectively. The FINDS database lists the site as identified on the U.S. EPA TRIS and RCRA databases. Based on its inferred cross-gradient location across Grove Street from the site, the Fred C. May Trust/Mercury Manufacturing Co. property is not considered to be a REC in connection with the site.

EDR identified the northerly adjoining City of Wyandotte animal pound and recycling center property located across Grove Street at 1170 Grove Street, as a RCRA-SQG property. According to EDR, this property has no reported violations associated with its RCRA status. In addition, this property was included by EDR on its list of “Orphan” facilities (see below), as Wyandotte, City of (1150 and 1168 Grove Street), on the Baseline Environmental Assessment (BEA) database, indicating that contamination above residential criteria was identified at the property. Based on its location across Grove Street from the site (approximately 80 feet), its inferred cross-gradient direction (north), and the likely very slow groundwater flow in the site vicinity, this property is not considered to be a REC in connection with the site.

EDR identified the southerly and easterly adjoining City of Wyandotte Department of Public Works property, located at 4201 13th Street, as an UST and RCRA-CESQG facility. According to EDR, this property has had reported violations associated with its RCRA status, and has achieved regulatory compliance for each violation. One 25,000-gallon gasoline and diesel UST installed in 2001 is currently in use at this property. This property was not identified on any environmental database that indicates that a spill or release has occurred. Based on its regulatory status (absence of reported spills or releases), this property is not considered to be a REC in connection with the site.

EDR identified the westerly adjoining BASF Corp. property, located across Grove Street at 4112 13th Street, as a RCRA-NonGen and FINDS facility. According to EDR, this facility has no reported violations associated with its RCRA status. This property was not identified on any environmental database that indicates that a spill or release has occurred. Based on its regulatory status (absence of reported spills or releases), this property is not considered to be a REC in connection with the site.

Based on the distances from the site, facility status, and/or inferred cross-gradient location, none of the remaining facilities identified on the above-referenced ASTM-specified state and federal databases are considered to be RECs in connection with the site.

Twenty-eight facilities were identified on EDR’s “Orphan” list. Facilities may be identified as “Orphan” due to an incomplete address, an inaccurate address, or a street address that could not be accurately “geocoded”. Nevertheless, these facilities have been determined to be in the

general area by city, ZIP code, or county boundaries. Three of the facility listings identified by EDR on the “Orphan” list were identified by TTL as within the site vicinity during the Phase I ESA site research, listed as: Wyandotte, City of (1150 and 1168 Grove Street, likely the same property as that listed as “City of Wyandotte”, at 1170 Grove Street); City of Wyandotte [Lots 25 & 26 on 13th Street (Near Grove)]; and Wyandotte Industrial Subdivision # (Lots on 13th Street & Grove Street, also listed as located at Lots 25 and 26, indicating that it is the same as the property listed as City of Wyandotte). (For a discussion of the property located at 1150 and 1168 Grove Street, see the above discussion of the property located at 1170 Grove Street.) The listings for the property located at Lots 25 and 26 are for BEA submittals, indicating that contamination above residential criteria was identified at the property. However, this property appears to be located approximately 700 feet south of the site and cross-gradient from it, and it is not suspected that it is likely to have impacted the site; therefore, none of the “Orphan” facilities are considered to be RECs in connection with the site. For detailed “Orphan” facilities information, refer to Appendix G.

6.0 CURRENT AND HISTORICAL USES OF ADJOINING PROPERTIES

This section discusses the current and historical uses of the properties adjoining and surrounding the site to evaluate potential or identified RECs in the vicinity of the site. The information below describes the extent that indications of current and past uses of adjoining properties were identified through site reconnaissance, interviews, record reviews, or client-provided information obtained during this Phase I ESA for the site as specified in Section 3.0 of this report. The historical and current uses of the adjoining properties are as follows:

- North: The area adjoining to the north, beyond Grove Street, was unimproved in 1937 and 1940 and has been occupied by commercial properties since the late 1940s including a scrap yard (1950s to present, 1106 Grove Street), Todd Excavating Co. (1965-1975, 1150 Grove Street), Public Auto Parts (1965-2000, 1168 Grove Street), and Mercury Manufacturing Company (1980-present, 1212 Grove Street). Currently, this area is occupied by North End Scrap Metal (1106 Grove Street), City of Wyandotte Animal Pound and Recycle Center (1170 Grove Street), and Mercury Manufacturing Company (1212 Grove Street/3817 13th Street).
- East: The area adjoining to the east was unimproved land from at least 1937 to the late 1990s. Soils in this area appeared to have been disturbed from at least 1937 to the late 1940s. This area has been occupied by the City of Wyandotte Department of Public Works since the early 2000s (4201 13th Street).
- South: The area adjoining to the south of the site was vacant unimproved land from at least 1937 until the late 1990s. This area has been occupied by the City of Wyandotte Department of Public Works since 2000 (4201 13th Street).
- West: The area adjoining to the west, across 13th Street, was unimproved vacant land and/or agricultural land from at least 1937 until the late 1960s, and has been occupied by commercial properties since at least the early 1970s. Commercial occupancies have included: Downriver Association For Retarded Children/Citizens (4112 Grove Street) from at least 1970 to 1975; Ducomb W C Co. Inc West (4072 Grove Street) from at least 1980 to 1990; General Welding & Design and Summerset Fabrication Inc. (4112 Grove Street) in 1980; H O Trerice Co. (4112 Grove Street) from at least 1995 to 2000; and Affiliated Funeral Supply of Michigan (4072 Grove Street) in 2003-2004. This area is currently occupied by vacant commercial buildings (4072 and 4112 Grove Street).

The property located at 1212 Grove Street north of the site, was identified by EDR as Fred C May Trust and Mercury Manufacturing Co., a LUST, UST, AIRS, RCRA-SQG and FINDS facility. As discussed in Section 5.0, based on its inferred cross-gradient location across Grove Street from the site, this property is not considered to be a REC in connection with the site.

The property located at 1170 Grove Street was identified by EDR as City of Wyandotte, a RCRA-SQG facility. As discussed in Section 5.0, based on its regulatory status (absence of

reported spills or releases) and its inferred cross-gradient location across Grove Street from the site, this property is not considered to be a REC in connection with the site.

The property located at 4201 13th Street was identified by EDR as City of Wyandotte, an UST and RCRA-CESQG facility. As discussed in Section 5.0, based on its regulatory status (absence of reported spills or releases), and its inferred cross-gradient location, this property is not considered to be a REC in connection with the site.

EDR identified the westerly adjoining property located at 4112 13th Street, as BASF Corp. a RCRA-NonGen and FINDS facility. As discussed in Section 5.0, based on its regulatory status (absence of reported spills or releases), this property is not considered to be a REC in connection with the site.

None of the other identified current and historical uses of adjoining and surrounding properties are considered to be RECs in connection with the site.

7.0 DATA GAPS

Data failure occurs when standard historical resources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objective of identifying the use of the site to the first use or 1940, whichever is earlier, has not been met. As indicated in ASTM E1527-05, data failure is not uncommon when performing Phase I ESAs. TTL was able to identify the site use back to 1937, at which time it was occupied by a small residential structure and vacant land, but was not able to confirm the first developed use of the site. However, based on the available historic information for the site, this data failure is not considered to be a significant data gap as defined below.

The term “significant data gap,” in the context of this report, is defined as a lack of information, which, in TTL’s professional judgment, might materially impact TTL’s ability to identify RECs at the site. Examples of significant data gaps might include inaccessibility to a portion of the property during site reconnaissance or the inability to interview a site owner or occupant. There were no significant data gaps for this Phase I ESA.

8.0 OPINION

TTL has performed a Phase I ESA of the site in conformance with the scope and limitations of ASTM E 1527-05. Any exceptions to, or deletions from, this practice are described in Section 1.2 of this report. This Phase I ESA has revealed no evidence of RECs in connection with the site, except for the following:

- The historical use of the site for light industrial manufacturing purposes, including significant hazardous substance storage and use, plating operations, and degreasing operations, from 1963 to 2011.
- The pits and trench in the western portion of the site building that were used to store plating wastes.

9.0 DECLARATION

This assessment was performed utilizing methods and procedures consistent with customary practice designed to conform to acceptable industry standards. The TTL team that performed this Phase I ESA consisted of environmental staff and professionals that have training and expertise in performing Phase I ESAs. Resumes for the TTL team that performed this assessment are provided in Appendix H. An Environmental Engineer performed the site reconnaissance, research, and interviews, and prepared the draft report. A Senior Engineer coordinated with the client, reviewed and interpreted the data obtained, and reviewed the draft report. A Senior Scientist provided technical guidance and Quality Assurance/Quality Control and technical reviews.

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in 312.10 of 40 CFR 312 and we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property (site). We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

PREPARED BY:



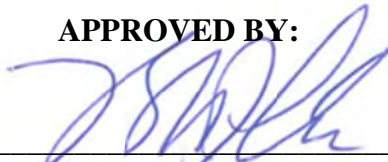
MARCIA H. LIM
ENVIRONMENTAL ENGINEER

REVIEWED BY:



STEVEN J. GACH, P.E.
SENIOR ENGINEER

APPROVED BY:



ROBIN J. CLARK
SENIOR SCIENTIST

10.0 REFERENCES AND RECORDS OF COMMUNICATION

Resources utilized and persons contacted to obtain information to complete this Phase I ESA included, but were not limited to:

City of Wyandotte, provided building and ownership records, site plans and drawings and site information, June 20, 2012.

EDR search of state, federal, and tribal databases which included, but were not limited to, the following resources: NPL; CERCLIS; CERCLIS NFRAP; ERNS; RCRIS SQG/LQG; TSD; CORRACTS; SHWS; USTs; LUSTs; and SWL; Sanborn maps research, and aerial photographs dated 1937, 1940, 1949, 1957, 1961, 1967, 1972, 1985, 1993, 1999, 2000 and 2005; June 19 and 25, 2012.

Bacon Memorial District Library, provided city directories dated 1933, 1936, 1940, 1945, 1950, 1954, 1959, 1965, 1970, 1975, 1980, 1985, 1990, 1995, 2000, 2003-2004 and 2010; June 20, 2012.

Cousins Environmental Services, Closure Report for Underground Storage Tank, July 17, 1991.

City of Wyandotte Fire Department, contacted for site information, July 10, 2012.

Michigan Department of Environmental Quality, provided information regarding USTs removed from the site in 1991, July 2012.

Mr. Brian Kelly, U.S. EPA, provided site information and completed site questionnaire, June 28, 2012.

Mr. Gary Acquaro, Project Manager, LATA-Kemron Remediation Services, LLC, provided site information and completed site questionnaire, June 20, 2012.

Mr. Jerry Keast, Site Owner, provided site information and completed site questionnaire, July 10, 2012.

Mr. Kevin Haxter, Site Owner representative, provided site information, July 13, 2012.

USDA NRCS Web Soil Survey, provided site/area soil information, June 20, 2012.

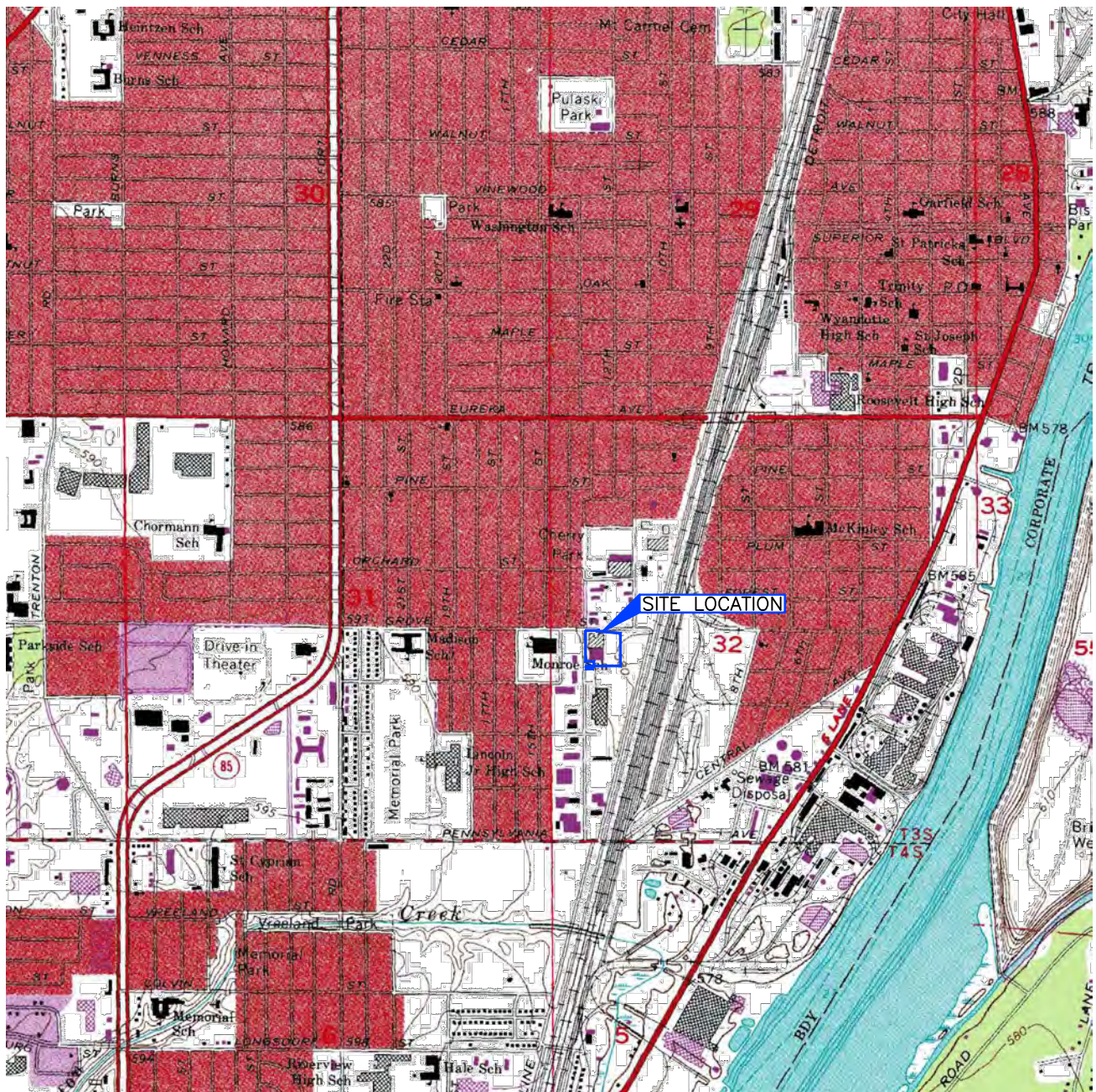
USGS Wyandotte, Michigan Topographic Quadrangle (dated 1967, photorevised 1981).

Wayne County Health Department, contacted for environmental information, June 20, 2012.

Weston Solutions, Inc., Site Assessment Report for Detroit Tubular Rivet Site, Wyandotte, Wayne County, Michigan, February 28, 2012.

Weston Solutions, Inc., Title Search Report for Detroit Tubular Rivet Site, Wyandotte, Wayne County, Michigan, March 21, 2012.

FIGURES



REFERENCE

USGS 7.5 MIN TOPOGRAPHIC QUADRANGLE
 WYANDOTTE, MICHIGAN
 DATED 1967, PHOTOREVISED 1981
 SCALE 1 : 24000



APPROXIMATE SCALE - FEET
 0 2,000 4,000



FIGURE 1.0 SITE LOCATION MAP

PHASE I ENVIRONMENTAL SITE ASSESSMENT
 FORMER DETROIT TUBULAR RIVET FACILITY
 1213 GROVE STREET
 WYANDOTTE, MICHIGAN

PREPARED FOR
U.S. EPA
GROSSE ILE, MICHIGAN

DRAWN CLW/06-28-12

CHECKED

REVISED

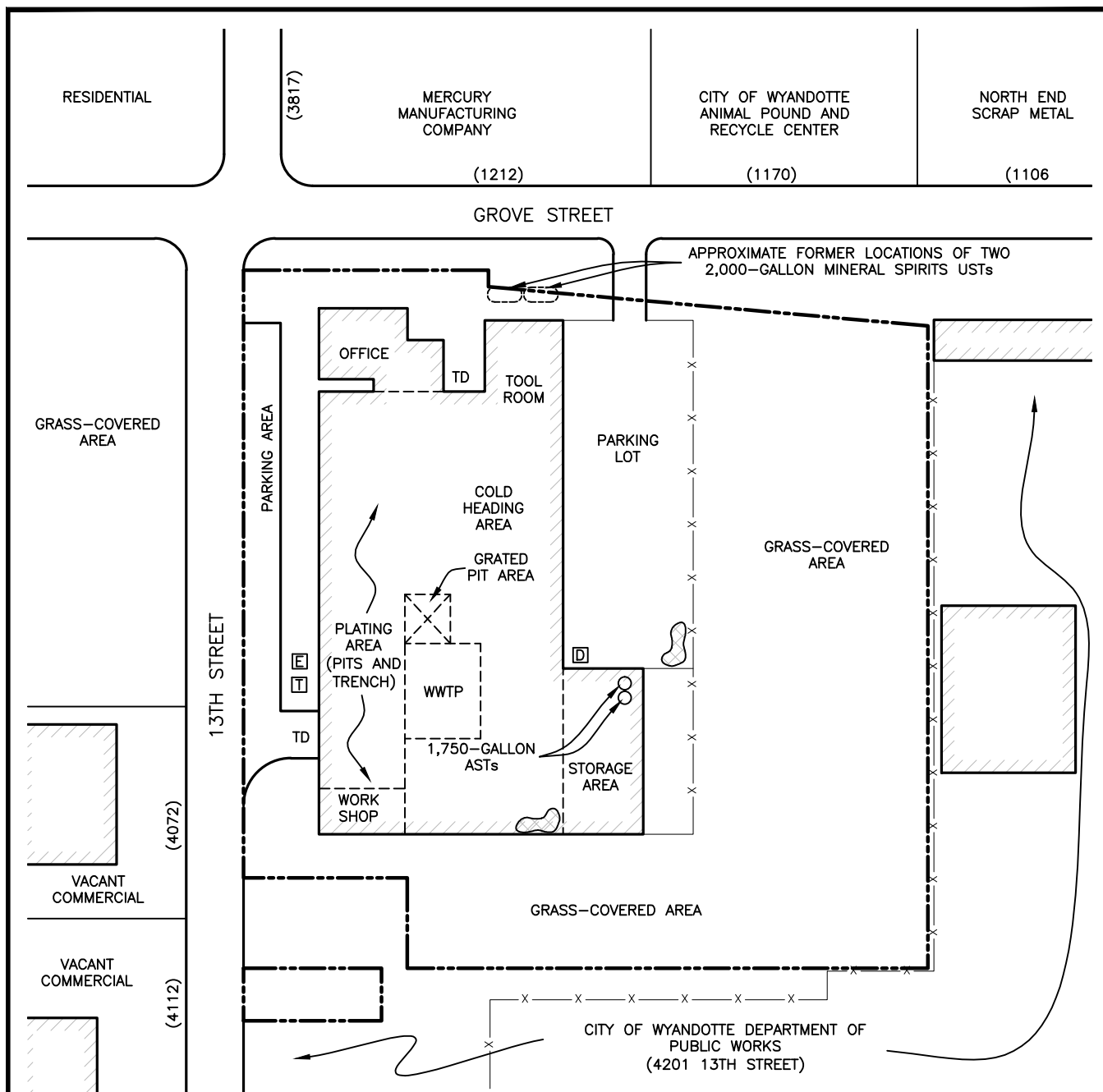
APPROVED

JOB NO. 9158.01

DRAWING NUMBER

915801-01E





LEGEND

- APPROXIMATE SITE BOUNDARY
- x — CHAIN LINK FENCE
- [T] PAD MOUNTED TRANSFORMER
- [D] DUMPSTER
- [E] ELECTRICAL EQUIPMENT/METER
- WWTP APPROXIMATE LOCATION OF WASTE WATER TREATMENT PLANT
- TD TRUCK LOADING DOCK
- (XXXX) STREET ADDRESS
- [Symbol] NON-HAZARDOUS DEBRIS

APPROXIMATE SCALE - FEET

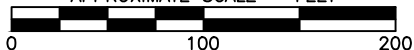


FIGURE 2.0 SITE SKETCH

PHASE I ENVIRONMENTAL SITE ASSESSMENT
FORMER DETROIT TUBULAR RIVET FACILITY
1213 GROVE STREET
WYANDOTTE, MICHIGAN

PREPARED FOR

U.S. EPA
GROSSE ILE, MICHIGAN

DRAWN CLW/06-28-12

CHECKED

REVISED

APPROVED

JOB NO. 9158.01

DRAWING NUMBER

915801-02E



APPENDIX A
PHASE I ESA QUESTIONNAIRES

PHASE I ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE

Property: 1213 GLOVE STREET TTL Project No.: 9158.01
 Date: 07/10/12

The following is a list of potential documents regarding the environmental status of the above-referenced property which are recommended to be obtained by the ASTM E 1527-05 standard. If you could please take the time to review this list and check the appropriate box (yes or no) indicating your knowledge of the existence of the documents listed below. In addition, if the document exists, could you indicate the availability of a copy, and whenever possible, please attach a copy of the available documents to this questionnaire and return it to TTL Associates, Inc. Thank you for your time.

DOCUMENT	AVAILABLE		
	YES	NO	COPY
Environmental Assessment Reports		✓	
Environmental Audit Reports		✓	
Environmental Permits (e.g., solid waste disposal, hazardous waste disposal, NPDES, wastewater)	✓		NA
Registrations for Aboveground (AST) or Underground (UST) Storage Tanks		✓	
Material Safety Data Sheets (MSDS)	✓		NA
Community Right-to-Know Plan		✓	
Safety Plans, Spill Prevention, Prevention and Preparedness Plans, etc.	✓		NA
Hydrogeologic Conditions Reports		✓	
Violations Notices from Regulatory Agencies	✓ (w/ wtr.)		NA
Environmental Liens		✓	
Hazardous Waste Generator Notices		✓	
Geotechnical Studies		✓	
Risk Assessments		✓	
Recorded Limitations of Activity and Use for the Property		✓	
Pending, Threatened, Past Litigation or Administrative Proceedings Relevant to Petroleum and Hazardous Substances		✓	

NAME: MR. JERRY KEAST SIGNATURE: PHONE INTERVIEW

PHASE I ENVIRONMENTAL SITE ASSESSMENT USER QUESTIONNAIRE

Property: 1213 Grove Street, Wyandotte, TTL Project No.:
Michigan 48192 Date: 6-28-12

The following questionnaire is intended to assist TTL Associates, Inc. in collecting information regarding the environmental status of the above-referenced property as recommended to be obtained by the ASTM E 1527-05 standard. In addition, if the document exists, please attach a copy of the available documents to this questionnaire and return it to TTL Associates, Inc. Thank you for your time.

Are you aware of any environmental cleanup liens against the property that are filed under federal, tribal, state or local law? If so, please list below.

I am unaware of any current liens, but EPA may place an environmental lien following completion
of the recent removal action.

Are you aware of any activity and land use limitations, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law? If so, please list below.

No

Do you have any specialized knowledge or experience related to the property or adjacent properties (e.g. knowledge of types of chemicals and processes used by this type of business)? If so, please list below.

EPA's removal action disposed of copper-cyanide, Methylene Chloride, caustic solids, bulk oily solids,
used oil, and D002 waste. The removal action disposed of all bulk liquids, containerized wastes, and
spilled wastes. No USTs or stained soils were found during the cleanup.

Does the purchase price being paid for this property reflect the fair market value of the property? If there is a difference, is the lower purchase price because contamination is known or believed to be present at the property?

Unknown

What are the past uses of the property?

DTR manufactured bolts, nuts, rivets and washers, specializing in metal rivets (NAICS 332722), and
operated zinc and brass electroplating services

Do you know of specific chemicals that are present or once were present at the property? If so, what are they?

No bulk chemicals remain. See above question for list of former chemicals.

Do you know of spills or other chemical releases that have taken place at the property? If so, what are they?

Unknown

Do you know of any environmental cleanups that have taken place at the property? If so, what are they?

EPA Removal Action (C5C7) - report pending

www.epaossc.org/dtrwyandotte

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 so, what are they?

There are cracks in the floor in the area of the former plating line. It is likely contamination exists under the slab in this area.

NAME: Brian Kelly, EPA

SIGNATURE: Brian Kelly

P:\Enviro\Controlled Documents\REPORTS\Phase I ESA User Questionnaire.doc

Revision 6 April 2006

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
KEY SITE MANAGER QUESTIONNAIRE**

Property: 1213 Grove Street
Wyandotte, MI

TTL Project No.: 9158.01

Date: 06/20/12

The following is a list of questions regarding the environmental status of the above-referenced property (Site). Please answer all questions to the best of your knowledge and in good faith. Mark the column corresponding to the appropriate response. Additional details necessary to explain any yes or unknown responses should be provided in the "Comments" column. Please return the completed questionnaire to TTL Associates, Inc. Thank you for your time.

QUESTION		RESPONSE			COMMENTS
		Y	N	Unk	
1A.	Is the Site used for an industrial use?	X			
1B.	Are any adjoining properties used for an industrial use?	X			
2A.	To the best of your knowledge, has the Site been used for an industrial use in the past?	X			
2B.	To the best of your knowledge, has any adjoining properties been used for an industrial use in the past?	X			
3A.	Is the Site used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?		X		
3B.	Is any adjoining property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?	X			
4A.	To the best of your knowledge, has the Site been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?	X			
4B.	To the best of your knowledge, has any adjoining property been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?	X			
5A.	Are there currently any automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers of greater than five gallons in volume or fifty gallons in the aggregate, stored on or used at the Site?		X		
5B.	To the best of your knowledge, have there been previously any automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers of greater than five gallons in volume or fifty gallons in the aggregate, stored on or used at the Site?	X			
6A.	Are there currently any industrial drums (typically 55 gallon) or sacks of chemicals located on the Site?		X		
6B.	To the best of your knowledge, have there been previously any industrial drums (typically 55 gallon) or sacks of chemicals located on the Site?	X			

QUESTION		RESPONSE			COMMENTS
		Y	N	Unk	
7A.	Has fill dirt been brought onto the Site which originated from a contaminated site?		X		
7B.	Has fill dirt been brought onto the Site which is of an unknown origin?		X		
8A.	Are there currently any pits, ponds or lagoons located on the Site in connection with waste treatment or waste disposal?	X			Pits/ponds (6) 5x6x4 deep.
8B.	To the best of your knowledge, have there been previously any pits, ponds or lagoons located on the Site in connection with waste treatment or waste disposal?	X			
9A.	Is there currently, any stained soil on the Site?		X		
9B.	To the best of your knowledge, has there been previously any stained soil on the Site?		X		
10A.	Are there currently any registered or unregistered storage tanks (above or underground) located on the Site?	X			2 ASTs - inactive w/ 1750 each.
10B.	To the best of your knowledge, have there been previously any registered or unregistered storage tanks (above or underground) located on the Site?			X	
11A.	Are there currently any vent pipes, fill pipes or access ways indicating a fill pipe protruding from the ground on the Site or adjacent to any structure located on the Site?		X		
11B.	To the best of your knowledge, have there been previously any vent pipes, fill pipes or access ways indicating a fill pipe protruding from the ground on the Site or adjacent to any structure located on the Site?		X		
12A.	Are there currently any flooring, drains, or walls located at the Site that are stained by substances other than water or are emitting foul odors?	X			Leaking cans of oils & staining - from the L.
12B.	To the best of your knowledge, have there been previously any flooring, drains, or walls located at the Site that are stained by substances other than water or are emitting foul odors?	X			
13A.	If the Site is served by a private well or non-public water system, have contaminants been identified in the well or system that exceed guidelines applicable to the water system?				NA - investigated
13B.	If the Site is served by a private well or non-public water system, has the well been designated as contaminated by any government environmental/health agency?				NA - investigated
14.	Are there any environmental liens or governmental notification relating to past or current violations of environmental laws with respect to the Site?			X	
15A.	Have you been informed of the current existence of hazardous substances or petroleum products with respect to the Site?		X		Inventory all removed.
15B.	Have you been informed of the past existence of hazardous substances or petroleum products with respect to the Site?	X			
15C.	Have you been informed of the past existence of environmental violations with respect to the Site?		X		
15D.	Have you been informed of the current existence of environmental violations with respect to the Site?		X		

QUESTION		RESPONSE			COMMENTS
		Y	N	Unk	
16.	Have there been any environmental site assessments of the Site that indicated the presence of hazardous substances or petroleum products on, or contamination of, the Site or recommended further assessment of the Site?	X			Report available.
17.	Are you aware of any pending, threatened, or past lawsuits or administrative proceedings concerning a release or threatened release of hazardous substances or petroleum products at the Site?		X		
18A.	Does the Site discharge waste water onto or adjacent to the Site, other than storm water into a storm water sewer system?			X	
18B.	Does the Site discharge waste water onto or adjacent to the Site, other than storm water or sanitary waste into a sanitary system?			X	
19.	Have any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries or any other waste materials been dumped above grade, buried and/or burned on the Site?		X		
20.	Is there a transformer, capacitor or any hydraulic equipment for which there are any records indicating the presence of PCBs on the Site?		X		
21A.	Are there currently any groundwater monitoring wells located on the Site?		X		
21B.	To the best of your knowledge, have there been previously any groundwater monitoring wells located on the Site?			X	
22.	Are there any oil/water separators on the Site?		X		
23.	Is there a drinking water well on the Site?			X	
24.	Is there a septic system/leach field on the Site?			X	
25.	Are the current Site buildings heated via heating oil?			X	
26.	Have the current and/or historic Site buildings ever been heated via heating oil?			X	
27.	To the best of your knowledge, has there ever been any petroleum product/hazardous substance spills or releases at the Site?			X	
To the best of your knowledge, summarize historical Site use (when was the Site developed with the current improvements, what modifications have taken place, what was the Site used for prior to its current use).					

Name:

Bry Agard

Signature:

[Signature]

Association with Site:

Site Response Manager
Late Kemron Redmiller

Length of association with Site:

Conduct site
clean up.

Date:

06/20/12

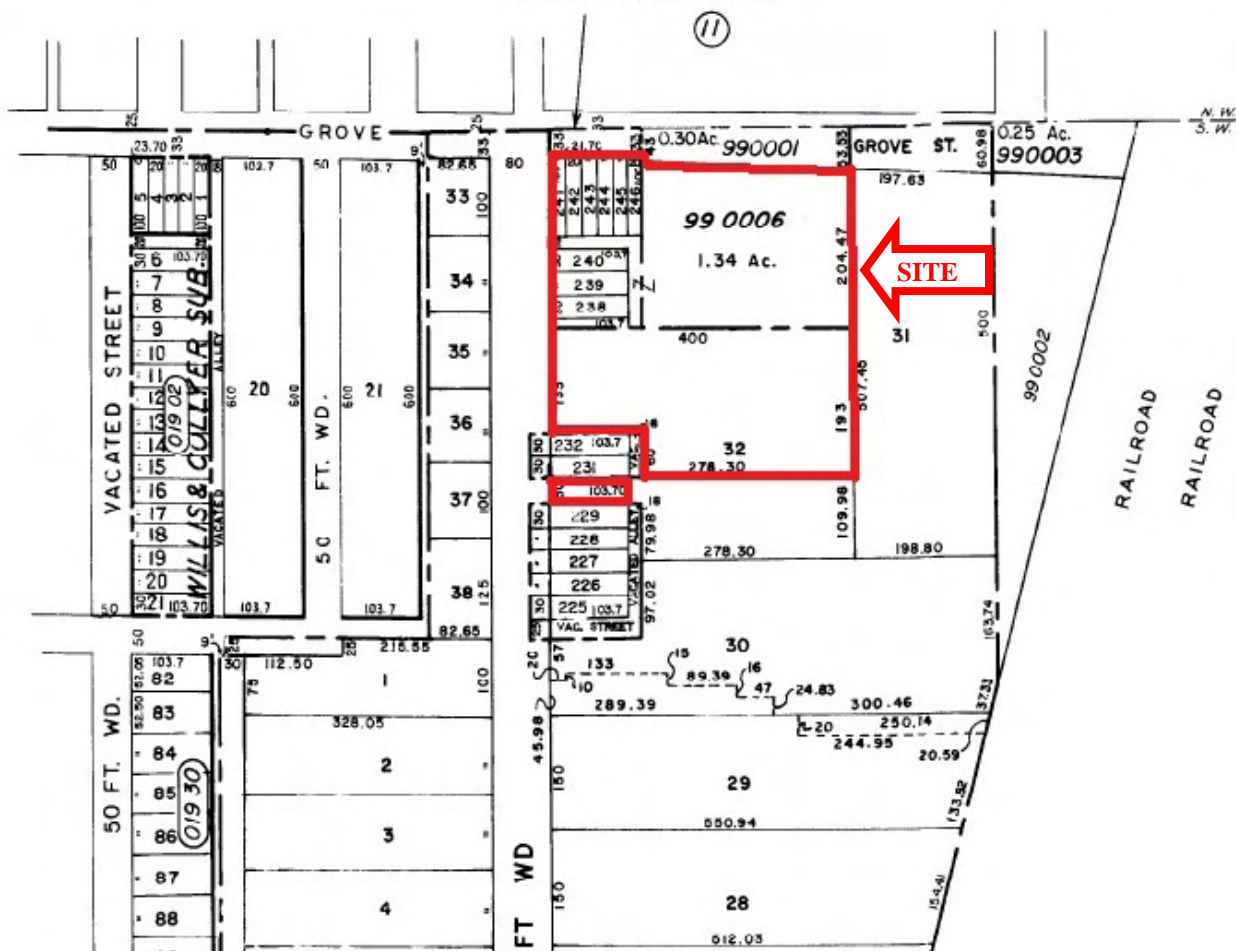
APPENDIX B

LOCAL GOVERNMENT AGENCY INFORMATION

82-14-324

DETROIT RIVER LAND CO'S
SUBDIVISION No. 1

2



PLAT MAP
DATE NOT PROVIDED

PHASE I ENVIRONMENTAL SITE ASSESSMENT
1213 GROVE STREET
WYANDOTTE, MICHIGAN

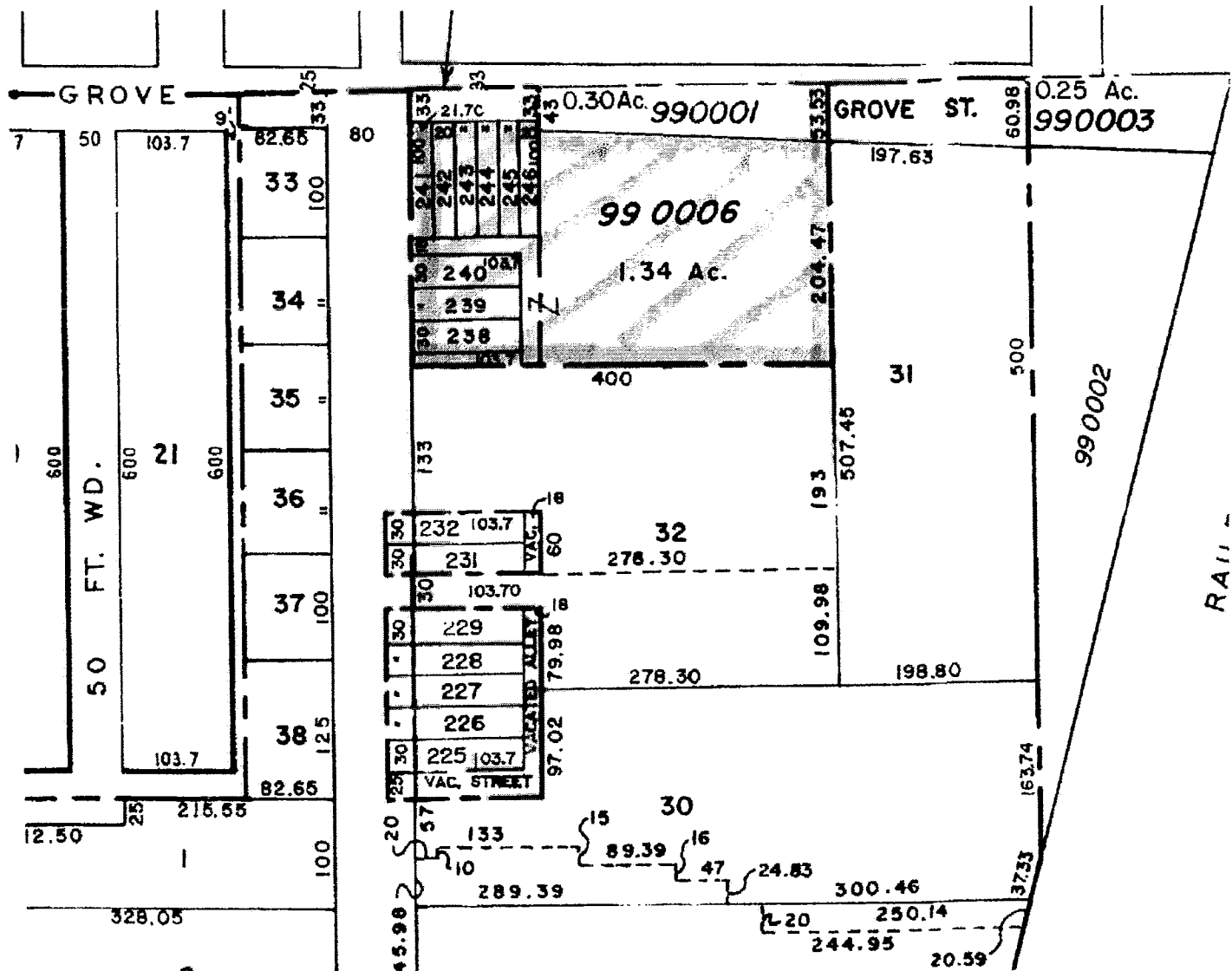
PREPARED FOR
U.S. EPA
GROSSE ILE, MICHIGAN

TTL PROJECT NO.
9158.01



DETROIT TUBULAR RIVET INC
1213 GROVE

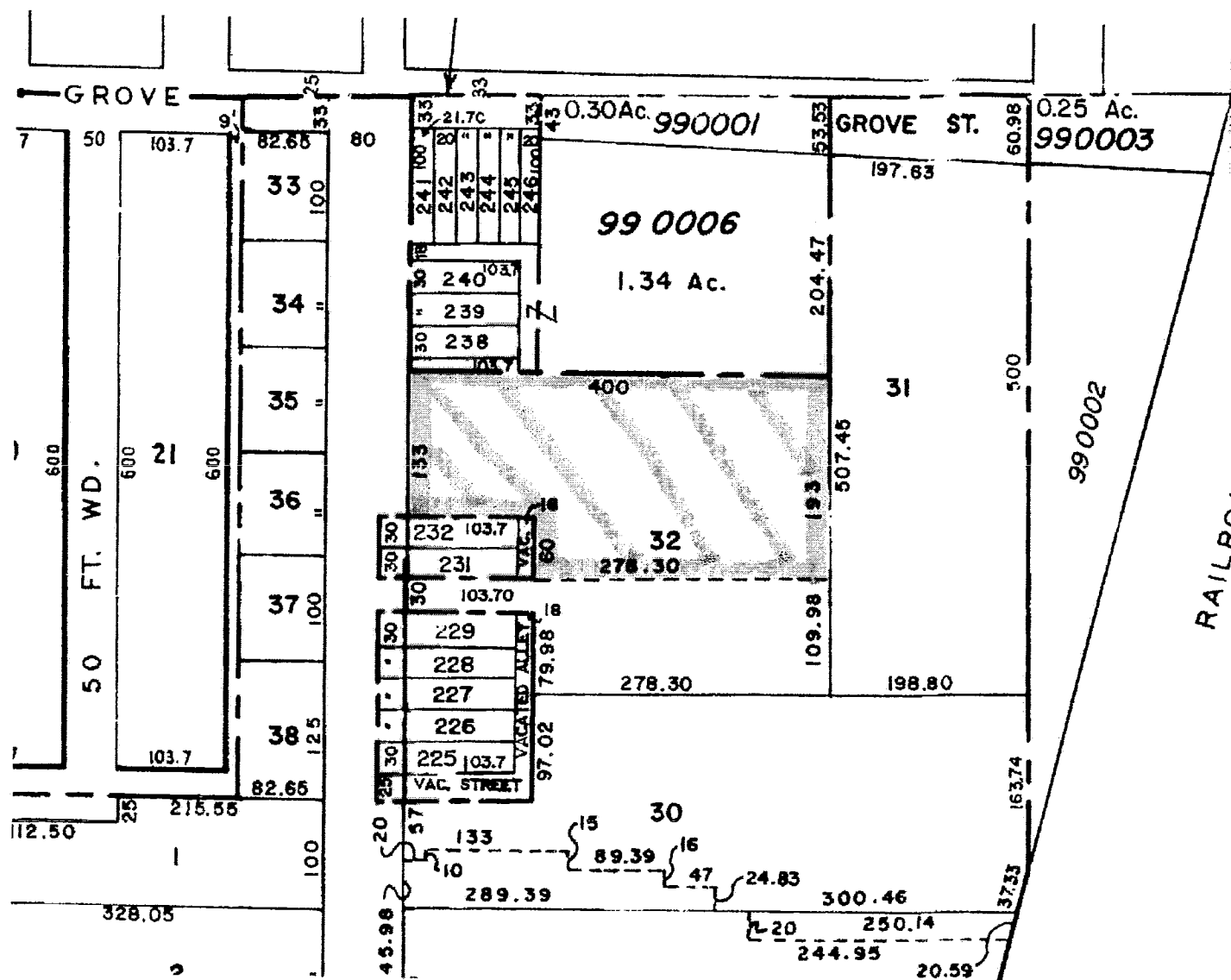
15845 THRU 15858 N 17 FT OF LOT 237 ALSO
LOTS 238 THRU 246 INCL ALSO VAC ALLEYS
ALSO PART OF THE SW 1/4 OF SEC 32 T3S
T11E DES AS BEG S 0 DEG 02 MIN 00 SEC W
10.00 FT FROM TH ENE COR OF LOT 246 OF
DETROIT RIVER LAND CO'S. SUB NO.1 T3S
T11E L37 P. 24 WCR TH S 6 DEG 57 MIN 47 SEC
E 278.65 FT TH S 0 DEG 02 MIN 00 SEC W
204.47 FT TH N 89 DEG 07 MIN 40 SEC W
278.30 FT 0 DEG 02 MIN 00 SEC E 215.00 FT TO
B DETROIT RIVER LAND CO'S SUB NO. 1 T3S
R11E L37 P24 WCR



13TH

WYANDOTTE MI 48192

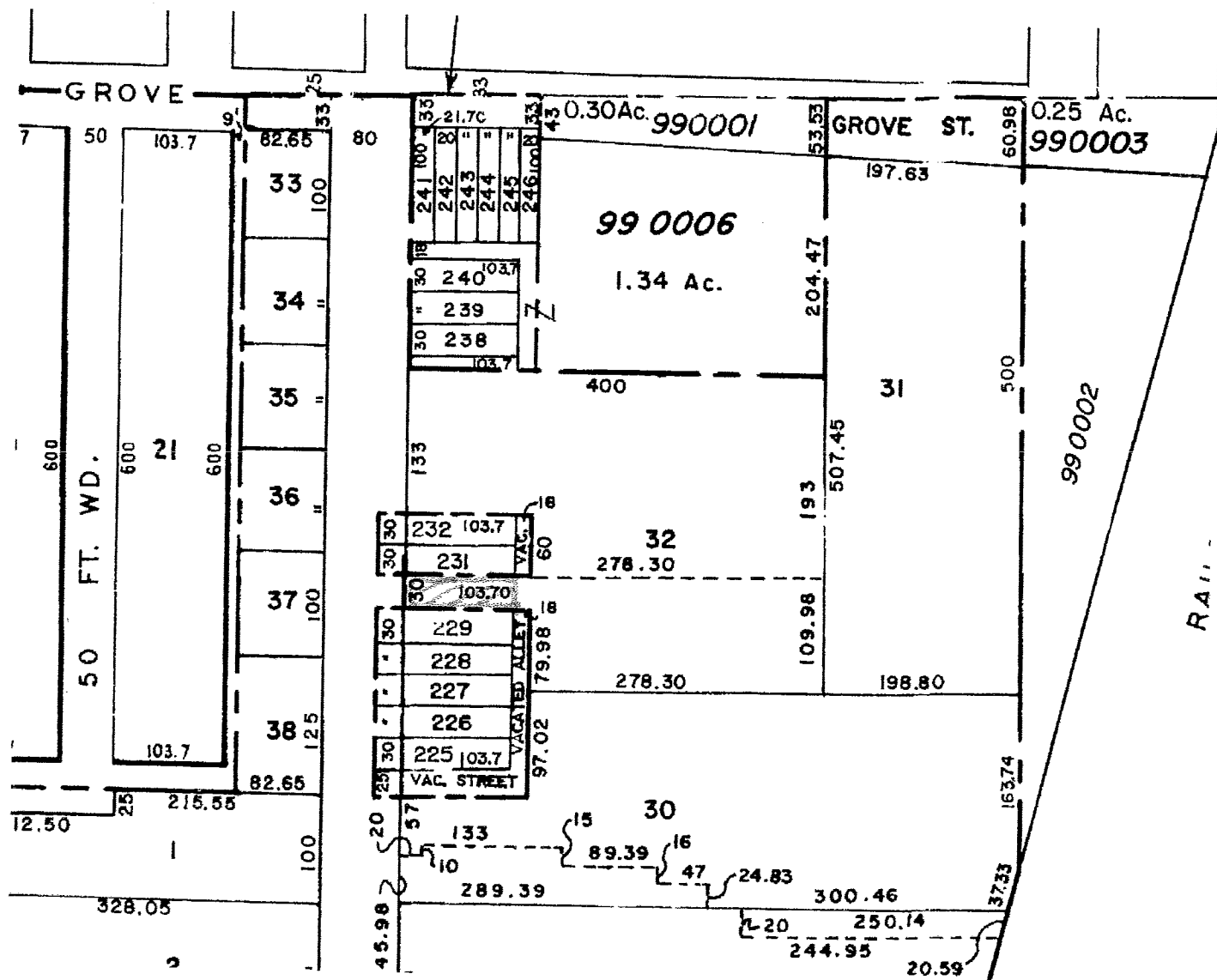
*15757.3 15758.3*PT OF LOT 32 DESC AS BEG
N 00D 02M 00S E 109.98 FT FROM THE SE COR
OF SAID LOT 32--TH N 89D 07M 40S W 279.30
FT--TH N 00D 02M 00S E 60 FT--TH N 89D 07M
40S W 121.70 FT--TH N 00D 02M 00S E 133 FT--
TH S 89D 07M 40S E 400 FT--TH S 00D 02M 00S
W 193.00 FT--WYANDOTTE INDUSTRIAL SUB
NO.1 T3S R11E L 87 P 65, 66 WCR-K-1.60



57 022 10 0032 301
DETROIT TUBULAR RIVET INC
13TH

WYANDOTTE MI 48192

*15757.1, 15758.1*PTOF LOT 32 DESC AS BEG
N 00D 02M 00S E 109.98 FT AND N 89D 07M
40S W 296.30 FT FROM THE SE COR OF SAID
LOT 32--TH S 00D 02M 00S W 30.00 FT--TH N
89D 07M 40S W 103.70 FT--TH N 00D 02M 00S E
30.00 FT--TH S 89D 07M 40S E 103.70 FT--POB
0.07 AC---WYANDOTTE INDUSTRIAL SUB
NO.1 T3S R11E L 87 P 65, 66 WCR-K-0.72



COMMERCIAL BUILDING FIELD SHEET

DEPARTMENT OF EQUALIZATION & ASSESSMENT - WYANDOTTE, MICH.

DATE 8-21-70 EXAMINER JK NO. 1713

STREET GROVE

OWNER DETROIT TUBULAR RIVET INC

OWNER'S ADDRESS 1213 GROVE ST

YEAR BUILT 1963 CONDITION G STORIES 1 CLASS AVG

EFFECTIVE AGE 1964-1966 IMPROVEMENTS ALL

LAND 5/64

INDUSTRIAL Industrial Book

MUNIC. CODE 57 MAP SUB. LOT SPLIT

15845 DETROIT TUBULAR RIVET INC

THRU 1213 GROVE ST

15858 WYANDOTTE MICH

N 17' OF LOT 237 ALL LOTS 238 THRU 246

INCL DETROIT RIVERLAND CO'S SUB #1 OF

PT OF SW 1/4 SEC 32 T3S R1E ECORSE

TOWNSHIP CITY OF WYANDOTTE WAYNE

COUNTY MICH AS RECORDED IN L 37 OF

BUILDING DESCRIPTION

BASEMENT	ROOF	FLOORS	INT. FINISH	SQ. FT.	STY	RATE	EXTRAS OR DED.	COST	% GOOD	ASSESSED VAL.
✓ NONE	FLAT	WOOD	PLAST. WALLS	2740	OFF	13.00	Misc	37,835	85	32,162
PART	✓ CORPSE	CONCRETE	DRY WALL	18135	SHOP	4.52		81,970	85	69,674
FULL		ASP. TILE OVER	CONC. BLOCK	2328	SHOP	4.48		10,420	87	9065
FOUNDATION	ROOF STRUCTURE	QUARRY TILE	TRIM	13248	1966	4.52		59,881	90	53,892
✓ CONCRETE	WOOD JOISTS	TERRAZZO	CEILING (Att)	1488	1969	4.52		6726	96	6457
	BAR JOISTS		T-BOARD Cell.	10284	1964	2.7		2777	85	2360
TYPE	✓ TRUSS	HEAT	* SEE BACK	1965	1968	1.0		297,559	85	252,473
STORE	WOOD DECK	NONE								
✓ SHOP	STEEL DECK	FORCED AIR	LIGHTING	7500	1973	4.52		33,900	98	33,222
GAS STATION	✓ GYPSUM DECK	UNIT SHOP	OLD STYLE	570	OFF	1300	(1978)	6630	98	6497
GARAGE		UNIT BOILER	✓ FLUORESCENT	5700	Shop	4.52	(1978)	23052	98	22,591
✓ OFFICE		STEAM OR HW.	ATTACHED							
CLINIC	ROOF COVER	✓ AIR CONDITION	RECESSED							
	COMPOSITION	PKG.								
	TAR & GRAVEL	CENT.	K=R							
EXT. WALLS										
✓ CONC. BLOCK		PLUMBING								
BRICK ON BLK.	CONSTRUCTION	NONE								
✓ PORC. STEEL	WOOD FRAME	✓ LAVATORY								
STONE	CONC. BLOCK	TILE Wall								
✓ SAND PANELS	STEEL FRAME	✓ URINALS								
	RE. CONC.	SHOWERS								
FRONT	BRICK	BATHS								
✓ AVERAGE	✓ BEAM & COL.	SPRINKLER	24234	4/73	Warehouse	130'6" x 50'		\$51,510		24020
RECESSED			26600	4/78	Adm. to existing Bldg	50 x 102		\$59,000		196020
SUB STANDARD		ROOMS	26937	10/78	Conference room	178 x 30		6800		220040

BUILDING PERMITS

Permit No.	Date	Kind	Type	Size	Stories	Amount
24234	4/73	Warehouse	130'6" x 50'			\$51,510
26600	4/78	Adm. to existing Bldg	50 x 102			\$59,000
26937	10/78	Conference room	178 x 30			6800

TOTAL 70 = 86,320

UNIT FRONT FOOT VALUE

YEAR

AMOUNT

card code

04

71 = 144,490

74 = 172,060

79 = 196,020

BLDG. VAL. (26-32)

TOTAL 174,080

LAND 24020

BLDG. 196020

TOTAL 220040

Area Comp. _____

Checked _____

Extended _____

Rated _____

Checked _____

Form V-7F

OFF: EXT.

1 WALL FB & SPLIT FIELD ST

1 " CB - 12"

2 " FIN. SAND, PANELS

INT.

FIN. SAND, PANELS

SPLIT FS (12LF - 12HT)

PTA CB

DRYWALL

MR. PAN'S

MISC:

2 LOAD LEVELERS - HYD.

6 CYC. FENCE - 3 BARS - 338 LF

8' CONC. P.C.'S - 26

POWER DUCT - 220A1 - 35 LF

2 TRUCK WELLS

PLATS PG 24 WAYNE COUNTY RECORDS &
ABUTTING VACATED ALLEYS ALSO THAT PART
OF THE SW $\frac{1}{4}$ OF SEC 32 T3S R11E CITY OF
WYANDOTTE WAYNE CO NICH DESCRIBED AS
BEG AT A POINT ON THE E LINE OF

DETROIT RIVER LAND CO'S SUB #1 DISTANT
S 0° 02' 00" W 10.00 FT FROM THE NE
CORNER OF LOT 246 OF SAID SUB SAID
POINT BEING ON THE S LINE OF GROVE ST
& PROCEEDING THENCE ALONG THE S LINE

OF GROVE ST S 86° 57' 47" E 278.65 FT
THENCE S 0° 02' 00" W 204.47 FT THENCE
N 89° 07' 40" W 278.30 FT TO THE E
LINE OF DETROIT RIVER LAND CO'S SUB #1
THENCE ALONG SAID E LINE N 0° 02' 00"

E 215.00 FT TO THE POINT OF BEG

57 022 11 0237 002

OFF 7-GRID - ACQU. - REC. LITES

REST. ON COM. FA - AC -
 FL & BACK WHEELS - CB -
 SIDES - BOX ALUM. STAND. PAGES - FID.
 BRUIT FS TRIM
 FURT - FID. PTL. PAGES - PTL CB & ALUM. L
 SPLIT FS WALL - 12'
 2 LAYS

Shop: B&C - 4' CB SUCT
 CB & STAND. PAGES INSUL.
 ST. FR. BUTLER - FL. LITES
 AUG. CONT. FID.
 OFFSH. HT. - GYP DECK - 50' SPARS
 2 LAYS. SHOP OFF

POWER DUCT - 220V A. - 35LF

1966 ADDN
 STL. FL. BUTLER
 UNIT HT 50' SPARS

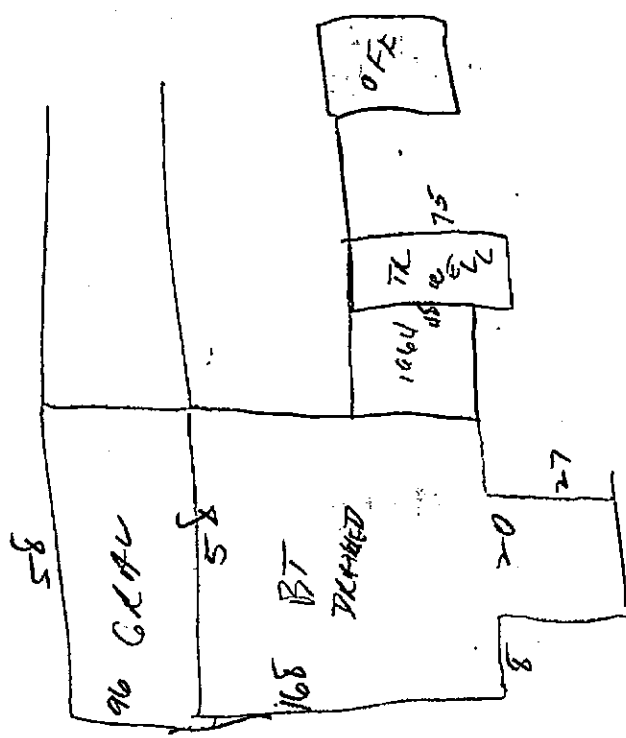
ALUM. WIND. WITH
 5x4 - 12' x 14' WALL

2 - LL - H.D.

POWER VENTS

76 - 8' COMC. PCS
 1 - 14' x 22' ON DR
 1 - 12' x 14' " "
 4 MPD

1964 April
 4' CB SUCT w/ STAND. PAGES



Grantor	Grantee	Sale Price	Sale Date	Inst Type	Terms of Sale	Liber & Page	Verified by	Print Trans							
Property Address		Zoning:		Building Permit(s)		Date	Number	Amount							
1213 GROVE		INDUSTRIAL REAL													
Owner's Name/Address		Class: 57-WYANDOTTE													
DETROIT TUBULAR RIVET INC		P. R. E. 0%													
1213 GROVE ST		Map #: STUDY 2006													
WYANDOTTE MI 48192		2008 Est TCY 1,122,400 (Value Override)													
Legal Description		Vacant		Land Value Estimates for Land Table 00040. INDUSTRIAL		LOTS/ALLEY = .609 + 1.34 Value									
15845 THRU 15858 N 17 FT OF LOT 237 ALSO		X Improved		Description		Frontage Depth Rate %Adj. Reason									
LOTS 238 THRU 246 INCL ALSO VAC ALLEYS		Public Improvements		121.70 218.00 1.0000 0.0000 0 100*		1.950 Acres									
ALSO PART OF THE SW 1/4 OF SEC 32 T3S		Dirt Road		Flat Value:		122,600									
T11E DES AS BEG S 0 DEG 02 MIN 00 SEC W		Gravel Road		* denotes lines that do not contribute to the total acreage calculation.		122 Actual Front Feet, 1.95 Total Acres									
T11E L37 P. 24 WCR TH S 6 DEG 57 MIN 47		Storm Sewer		122 Actual Front Feet, 1.95 Total Acres		Total Est. Land Value = 122,600									
DETROIT RIVER LAND CO'S SUB NO. 1 T3S		Paved Road		Land Improvement Cost Estimates		Description Unit in Place Item(s)									
T11E L37 P. 24 WCR TH S 6 DEG 02 MIN 00 SEC		Sidewalk		Rate County/Mult. Size %Good Cash Value		1.76 1.00 10284.0 44 7,964									
SEC E 278.65 FT TH S 0 DEG 02 MIN 00 SEC		Water		0.85 1.00 2968.0 44 1,110		Total Estimated Land Improvements True Cash Value = 9,074									
W 204.47 FT TH N 89 DEG 07 MIN 40 SEC W		Sewer													
278.30 FT 0 DEG 02 MIN 00 SEC E 215.00 FT		Electric													
TO B DETROIT RIVER LAND CO'S SUB NO. 1		Gas													
T3S R11E L37 P24 WCR		Curb													
Comments/Influences		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	
DAW 10/21/2004 DATA ENT		2008		61,300		499,900		561,200						422,725C	
		2007		61,300		499,900		561,200						422,725C	
		2006		59,500		485,300		544,800						407,643C	
		2005		59,500		485,300		544,800		544,800M				394,621C	



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 Licensed to: City of Wyandotte, Wayne County

COMMERCIAL BUILDING FIELD SHEET

DEPARTMENT OF EQUALIZATION & ASSESSMENT - WYANDOTTE, MICH.

DATE 8-2-1-70 EXAMINER GROVE NO. 1213
 STREET GROVE
 OWNER
 OWNER'S ADDRESS
 YEAR BUILT 1963 CONDITION G STORIES 1 CLASS Avg
 EFFECTIVE AGE 1964-1966-1969 LAND IMPROVEMENTS ALL ☒

BUILDING DESCRIPTION

BASEMENT	ROOF	FLOORS	INT. FINISH	SQ. FT.	STY	RATE	EXTRAS OR DED.	COST	% GOOD	ASSESSED VAL
✓ NONE	FLAT	WOOD	PLAST. WALLS	2140	OFF	13.00	Misc + 100.18	37,838	85	32,162
PART	✓ GABLE	CONCRETE	DRY WALL	18135	SHAP	4.52		81,970	85	69,674
FULL		OFF ASP. TILE OVER	CONC. BLOCK	2328	SHAP	4.43		10,420	87	9,065
FOUNDATION	ROOF STRUCTURE	QUARRY TILE	TRIM	13248	1966	4.52		59,881	90	53,892
✓ CONCRETE	WOOD JOISTS	TERRAZZO	OFF CEILING (SUB)	1488	1969	4.52		6,726	96	6,457
	BAR JOISTS		T-GRID Cell.	10284	ASPH	22		277	85	2360
TYPE	✓ TRUSS	HEAT	* SEE BACK	5568	GRAV	10		557	85	473
STORE	WOOD DECK	NONE								
✓ SHOP	STEEL DECK	OFF FORCED AIR	LIGHTING							
GAS STATION	✓ GYPSUM DECK	UNIT SHOP	OLD STYLE							
GARAGE		UNIT BOILER	FLUORESCENT							
✓ OFFICE		STEAM OR HW.	ATTACHED							
CLINIC	ROOF COVER	OFF AIR CONDITION	RECESSED							
	COMPOSITION	PKG.								
	TAR & GRAVEL	CENT.	K=R 1.969 AC							
EXT. WALLS			85,770							
4" CONC. BLOCK		PLUMBING								
BRICK ON BLK.	CONSTRUCTION	NONE								
PORC. STEEL	WOOD FRAME	4 LAVATORY								
STONE	CONC. BLOCK	TILE Wall								
✓ SAND PANELS	STEEL FRAME	URINALS								
	RE. CONC.	SHOWERS								
FRONT	BRICK	BATHS								
✓ AVERAGE	✓ BEAM & COL.	SPRINKLER	24234 4/73							
RECESSED			26600 4/78							
SUB STANDARD		ROOMS	26937 10/78							

C Misc / no Book

15845 DETROIT TUBULAR RIVET INC
 THRU 1213 GROVE ST
 15858 WYANDOTTE MICH

5/64

N 17' OF LOT 237 ALL LOTS 238 THRU 246
 INCL DETROIT RIVERLAND CO'S SUB #1 OF
 PT OF SW 1/4 SEC 32 T3S-R1E E CORSE
 TOWNSHIP CITY OF WYANDOTTE WAYNE

COUNTY MICH AS RECORDED IN 1-37 OF

222

107 X 103

UNIT FRONT FOOT VALUE	YEAR	AMOUNT	TOTAL
85,770	1971	24020	174,080
			144,490
			142,060
			196,020

BUILDING PERMITS

Permit No.	Date	Kind	Type	Size	Stories	Amount
24234	4/73	Alteration	Adm	130' x 50'	1	3,510
26600	4/78	Adm. To exist. Bldg.	50x102			50,000
26937	10/78	reinforce	17x130			6,800

PLATS PG 24 WAYNE COUNTY RECORDS &
 ABUTTING VACATED ALLEYS ALSO THAT PART
 OF THE SW¹4 OF SEC 32 T3S R1E CITY OF
 WYANDOTTE WAYNE CO MICH DESCRIBED AS
 BEG AT A POINT ON THE E LINE OF

DETROIT RIVER LAND CO'S SUB #1 DISTANT
 S 0° 02' 00" W 10.00 FT FROM THE NE
 CORNER OF LOT 246 OF SAID SUB SAID
 POINT BEING ON THE S LINE OF GROVE ST
 & PROCEEDING THENCE ALONG THE S LINE

OF GROVE ST S 86° 57' 47" E 278.65 FT
 THENCE S 0° 02' 00" W 204.47 FT THENCE
 N 89° 07' 40" W 278.39 FT TO THE E
 LINE OF DETROIT RIVER LAND CO'S SUB #1
 THENCE ALONG SAID E LINE N 0° 02' 00"

E 215.00 FT TO THE POINT OF BEG

18220 4/63 Light Mfg. plant 150' x 120' 75,000

18608 9/63 Office Bldg. 50x38 30,800

19172 6/64 Ind. Bldg. 48' x 48 13,000

20295 4/66 addr. ptg. space 10x17 1,700

20713 10/66 Steel & machinery addr. 70,000

22001 1/69 Ind. addr. 25x50 76,450

22002 1/69 Ind. addr. 25x50 76,450

22003 1/69 Ind. addr. 25x50 76,450

22004 1/69 Ind. addr. 25x50 76,450

22005 1/69 Ind. addr. 25x50 76,450

22006 1/69 Ind. addr. 25x50 76,450

22007 1/69 Ind. addr. 25x50 76,450

22008 1/69 Ind. addr. 25x50 76,450

22009 1/69 Ind. addr. 25x50 76,450

22010 1/69 Ind. addr. 25x50 76,450

22011 1/69 Ind. addr. 25x50 76,450

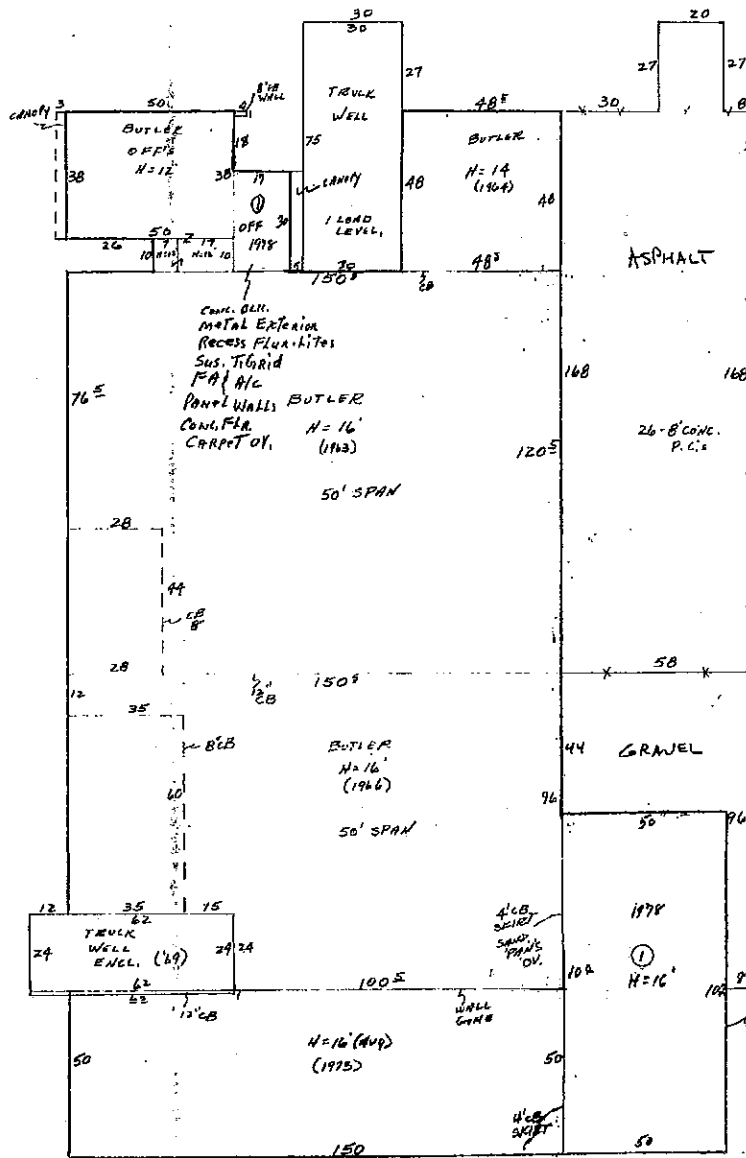
22012 1/69 Ind. addr. 25x50 76,450

22013 1/69 Ind. addr. 25x50 76,450

22014 1/69 Ind. addr. 25x50 76,450

15845 TO
15858

DETROIT TUB. RIVET, INC.



Grantor	Grantee	Sale Price	Sale Date	Inst Type	Terms of Sale	Liberal Page	Verified by	Pront Trans																																																															
SADONIS, MARY JOE KEAST	CITY OF WYANDOTTE	1	05/14/1999	WD	07-TO/FROM EXEMPT	99427244	NOT VERIFIED	0.0																																																															
KEAST, GERALD	CITY OF WYANDOTTE	1	05/14/1999	WD	07-TO/FROM EXEMPT	99427247	NOT VERIFIED	0.0																																																															
DESANA, FRANCIS TRUST	CITY OF WYANDOTTE	1	05/12/1999	WD	07-TO/FROM EXEMPT	99427246	NOT VERIFIED	0.0																																																															
<table border="1"> <thead> <tr> <th>Property Address</th> <th>Class: INDUSTRIAL REAL</th> <th>Zoning:</th> <th>Building Permit(s)</th> <th>Date</th> <th>Number</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>13TH</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Owner's Name/Address DETROIT TUBULAR RIVET INC</td> <td>School: 57-WYANDOTTE</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1213 GROVE WYANDOTTE MI 48192</td> <td>P. R. E. 0%</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Map #:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Taxpayer's Name/Address DETROIT TUBULAR RIVET INC</td> <td>2007 Est TCV 3,800 (Value Overridden)</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1213 GROVE WYANDOTTE MI 48192</td> <td>Improved</td> <td>X</td> <td>Vacant</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Legal Description *15757.1, 15758.1*PTOP LOT 32 DESC AS BEG N 00D 02M 00S E 109 98 FT AND N 89D 07M 40S W 296.30 FT FROM THE SE COR OF SAID LOT 32--TH S 00D 02M 00S W 30.00 FT--TH N 89D 07M 40S W 103.70 FT--TH N 00D 02M 00S E 30.00 FT--TH S 89D 07M 40S E 103.70 FT--POB 0.07 AC--WYANDOTTE INDUSTRIAL SUB NO. 1 T3S R11E L 87 P 65, 66 WCR-K-0.72</td> <td>Public Improvements</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Comments/Influences</td> <td colspan="6"> Land Value Estimates for Land Table 00040. INDUSTRIAL Description Frontage Depth Front Depth Rate %Adj. Reason Value Flat Value: 0.00 Total Acres Total Est. Land Value = 3,700 </td> </tr> </tbody> </table>									Property Address	Class: INDUSTRIAL REAL	Zoning:	Building Permit(s)	Date	Number	Amount	13TH							Owner's Name/Address DETROIT TUBULAR RIVET INC	School: 57-WYANDOTTE						1213 GROVE WYANDOTTE MI 48192	P. R. E. 0%						Map #:							Taxpayer's Name/Address DETROIT TUBULAR RIVET INC	2007 Est TCV 3,800 (Value Overridden)						1213 GROVE WYANDOTTE MI 48192	Improved	X	Vacant				Legal Description *15757.1, 15758.1*PTOP LOT 32 DESC AS BEG N 00D 02M 00S E 109 98 FT AND N 89D 07M 40S W 296.30 FT FROM THE SE COR OF SAID LOT 32--TH S 00D 02M 00S W 30.00 FT--TH N 89D 07M 40S W 103.70 FT--TH N 00D 02M 00S E 30.00 FT--TH S 89D 07M 40S E 103.70 FT--POB 0.07 AC--WYANDOTTE INDUSTRIAL SUB NO. 1 T3S R11E L 87 P 65, 66 WCR-K-0.72	Public Improvements						Comments/Influences	Land Value Estimates for Land Table 00040. INDUSTRIAL Description Frontage Depth Front Depth Rate %Adj. Reason Value Flat Value: 0.00 Total Acres Total Est. Land Value = 3,700					
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SPLIT/COMB. ON 05/31/2000 COMPLETED 05/31/2000 SKHAN SEE COMMENTS ; PARENT PARCEL(S): 57 022 10 0032 000; CHILD PARCEL(S): 57 022 10 0032 301, 57 022 10 0032 302, 57 022 10 0032 303; *(vp) 5/31/00 split:per wd, 1 30272, p 8068, p 8078, p 8080, exc 5/12/99, exc 5/14/99, rec 8/19/99; pvt-city in (3) 1/3 interest																																																																							
The Equalizer. Copyright (c) 1999 - 2000. Licensed to: City of Wyandotte, Wayne County																																																																							

11/21/05
Gate to Colleen
to put on Roll.

File No: 308416
Page 2
Effective: 09/12/2005

OWNER'S POLICY

\$1,000.00

PARTY TO BE INSURED: To Be Named Later
(Owner's Policy)

Land in the City of Wyandotte, Wayne County, MI

Parcel 1: Part of Lot 32 described as beginning North 00 degrees 02 minutes 00 seconds East 109.98 feet from the Southeast corner of said Lot 32; thence North 89 degrees 07 minutes 40 seconds West 298.30 feet; thence North 00 degrees 02 minutes 00 seconds East 60 feet; thence North 89 degrees 07 minutes 40 seconds West 121.70 feet; thence North 00 degrees 02 minutes 00 seconds East 133 feet; thence South 89 degrees 07 minutes 40 seconds East 400 feet; thence South 00 degrees 02 minutes 00 seconds West 193.00 feet to the point of beginning.

Parcel 2: Part of Lot 32 described as beginning North 00 degrees 02 minutes 00 seconds East 109.98 feet and North 89 degrees 07 minutes 40 seconds West 296.30 feet from the Southeast corner of said Lot 32; thence South 00 degrees 02 minutes 00 seconds West 30.00 feet; thence North 89 degrees 07 minutes 40 seconds West 103.70 feet; thence North 00 degrees 02 minutes 00 seconds East 30.00 feet; thence South 89 degrees 07 minutes 40 seconds East 103.70 feet to the point of beginning.

Parcel 3: The South portion of Lot 32 more particularly described as beginning at the Southeast corner of Lot 32; thence North 0 degrees 02 minutes 00 seconds East 109.98 feet along the East lot line of Lot 32; thence North 89 degrees 07 minutes 40 seconds West 296.30 feet; thence South 0 degrees 02 minutes 00 seconds West 30.00 feet; thence South 89 degrees 07 minutes 40 seconds East 18.00 feet; thence South 0 degrees 02 minutes 00 seconds West 79.98 feet to the South property line of Lot 32; thence South 89 degrees 07 minutes 40 seconds East 278.30 feet to the point of beginning, Wyandotte Industrial Subdivision No. 1 of parts of the Southeast 1/4 of Section 31 and the Southwest 1/4 of Section 32, Town 3 South, Range 11 East, City of Wyandotte, Wayne County, Michigan as recorded in Liber 87 of plats, Pages 65 and 66, Wayne County Records.

this
city
prop

13th Street

OWNER, ENCUMBRANCES, EXCEPTIONS TO TITLE, UNPAID TAXES AND REQUIREMENTS FOR ISSUANCE OF POLICY:

1. OWNER: Francis J. Desana, Trustee under Agreement of Trust dated December 3, 1976, as to an undivided 1/3 interest and Gerald L. Keast, as Trustee under the Gerald L. Keast Revocable Trust Agreement dated January 21, 1992, as to an undivided 1/3 interest and Mary Jo Keast Sadonis, as to an undivided 1/3 interest, as to Parcels 1 and 2 and City of Wyandotte, as to Parcel 3

REQUIREMENT: Record deed from above owner(s) to proposed purchaser.

2. NOTE AS TO PARCEL 3: A search of the Wayne County Records discloses subject property appears to be land-locked.

REQUIREMENT: Record an easement for ingress and egress from subject property to a public road. Said easement must be executed by all parties of interest.

TAXES: Item No(s). 57-022-10-0032-303 (Parcel 1)
2004 County exempt
2005 City exempt

Item No. 57-022-10-0032-301 (Parcel 2)
2004 County exempt
2005 City exempt

ASSESSMENT ROLL FOR CITY OF WYANDOTTE

BOARD/TRIBUNAL
ADJUSTMENTSTOTAL
VALUATIONSBLDG AS
ASSESSEDLAND AS
ASSESSEDTOTAL ASMT
ADDITIONSECLS
LOSSESPROPERTY
LEGAL DESCRIPTIONSCHOOL
TAXPAYER NAME & ADDRESS

PARCEL NUMBER

WYD77

57 022 10 0027 301

METAL TECH INDUSTRIES
4261 13TH STREET
WYANDOTTE MI 48192

) 301

15747--15751, 15753 LOTS 27 AND 28; ALSO LOT 29 EXC THAT PT DESCRIBED AS BEG AT THE INT OF THE N LINE OF SAID LOT 29 WITH THE E LINE OF WYANDOTTE INDUSTRIAL SUB NO. 1 T3S R1E L 87 P 65, 66 WCR--TH S 14D 37M 30S W 20.59 FT--TH N 89D 07M 40S W 244.95 FT--TH N 00D 02M 00S E 250.14 FT--TH S 89D 07M 40S E 250.14 FT--POB ALSO THAT PT OF LOT 30 DESCRIBED AS BEG AT THE SW COR THEREOF--TH N 00D 02M 00S E 45.98 FT--TH S 89D 07M 40S E 20.00 FT--TH N 00D 02M 00S E 10.00 FT--TH S 9D 07M 40S E 133.00 FT--TH S 00D 02M 00S W 15.00 FT--TH S 89D 07M 40S E 89.39 FT--TH S 00D 02M 00S W 16.80 FT--TH S 89D 55M 02D E 47.00 FT--TH S 00D 04M 58S W 24.83 FT--TH N 89D 07M 40S W 289.39 FT--POB---WYANDOTTE INDUSTRIAL SUB NO. 1 T3S R1E L 87 P 65, 66 WCR-K-6.41

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ASSESSMENT ROLL FOR CITY OF WYANDOTTE

SCHOOL	TAXPAYER NAME & ADDRESS	PARCEL NUMBER	PROPERTY LEGAL DESCRIPTION	E CLS X	TOTAL ASMT LOSSES	TOTAL ASMT ADDITIONS	LAND AS ASSESSED	BLDG AS ASSESSED	TOTAL VALUATIONS	BOARD/TRIBUNAL ADJUSTMENTS
WYD77	57 022 10 0032 303 DETROIT TUBULAR RIVER INC. 1213 GROVE ST WYANDOTTE MI 48192	57 022 10 0032 303	(15757.3 15758.3 FT OF LOT 32 DESC AS BEG N 00D 02M 00S E 109.98 FT FROM THE SE COR OF SAID LOT 32-TH N 89D 07M 40S W 298.30 FT-TH N 00D 02M 00S E 60 FT-TH N 89D 07M 40S W 121.70 FT-TH N 00D 02M 00S E 133 FT-TH S 89D 07M 40S E 400 FT-TH S 00D 02M 00S W 193.00 FT--WYANDOTTE INDUSTRIAL SUB NO.1 T3S R11E L 87 P 65, 66 WCR-K-1.60 Base Value=28,562 Captured Value=14,338	301	0	42,900	42,900	0 A	42,900 A	
DDA:TIFA #3 (1987)										
Last Transfer Date: / / (0%) P.R.E. % = 0										
WYD77	57 022 10 0033 000 FINAZZO INVESTMENT CO 1651 KINGSWAY CT TRENTON MI 48183	57 022 10 0033 000	(15759 15760 LOT 33 WYANDOTTE INDUSTRIAL SUB NO. 1 T3S R11E L87 P65, 66 WCR	301	0	0	5,400	0 A	5,400 A	
DDA:TIFA #3 (1987)										
Last Transfer Date: / / (0%) P.R.E. % = 0										
WYD77	57 022 10 0034 000 FINAZZO INVESTMENT CO 1651 KINGSWAY CT TRENTON MI 48183	57 022 10 0034 000	(15761 15762 LOT 34 WYANDOTTE INDUSTRIAL SUB NO. 1 T3S R11E L87 P65, 66 WCR	301	0	0	5,400	0 A	5,400 A	
DDA:TIFA #3 (1987)										
Last Transfer Date: / / (0%) P.R.E. % = 0										
WYD77	57 022 10 0035 001 FINAZZO INVESTMENT CO 1651 KINGSWAY CT TRENTON MI 48183	57 022 10 0035 001	(15763 15764 N 75FT OF LOT 35 WYANDOTTE INDUSTRIAL SUB NO. 1 T3S R11E L87 P65, 66 WCR	301	0	0	4,100	0 A	4,100 A	
DDA:TIFA #3 (1987)										
Last Transfer Date: / / (0%) P.R.E. % = 0										
WYD77	57 022 10 0035 002 FINAZZO, JOHN & ANNA 1651 KINGSWAY CT TRENTON MI 48183	57 022 10 0035 002	(15765 15766 S 25FT OF LOT 35 ALSO LOT 36 WYANDOTTE INDUSTRIAL SUB NO. 1 T3S R11E L87 P65, 66 WCR	301	0	0	6,700	61,400 A	68,100 A	
DDA:TIFA #3 (1987)										
Last Transfer Date: 02/04/2000 (100%) P.R.E. % = 0										
WYD77	57 022 10 0037 300 FINAZZO, JOHN & ANNA 1651 KINGSWAY CT TRENTON MI 48183	57 022 10 0037 300	(15767 TO 15773 LOTS 37 AND 38 WYANDOTTE INDUSTRIAL SUB NO. 1 T3S R11E L87 P65, 66 WCR	301	0	0	11,900	91,600 A	103,500 A	
DDA:TIFA #3 (1987)										
Last Transfer Date: 02/04/2000 (100%) P.R.E. % = 0										
Basis this Block (57 022 10 0001 000 to 57 022 10 0037 300) Count=29, Cur. S.E.V.=5,824,900, Prev. S.E.V.=5,931,134, Prev. Taxable=										

Grantor	Grantee	Sale Price	Sale Date	Inst Type	Terms of Sale	Liber & Page	Verified by	Prct Trans
SADONIS, MARY JOE KEAST	CITY OF WYANDOTTE	1	05/14/1999	WD	07-T0/FROM EXEMPT	99427244	NOT VERIFIED	0.0
KEAST, GERALD	CITY OF WYANDOTTE	1	05/14/1999	WD	07-T0/FROM EXEMPT	99427247	NOT VERIFIED	0.0
DESANA, FRANCIS TRUST	CITY OF WYANDOTTE	1	05/12/1999	WD	07-T0/FROM EXEMPT	99427246	NOT VERIFIED	0.0
Property Address	Class: INDUSTRIAL REAL	Zoning:	Building Permit(s)	Date	Number	Amount		
13TH	School: 57-WYANDOTTE							
Owner's Name/Address DETROIT TUBULAR RIVET INC.	P.R.E. 0%							
1213 GROVE ST WYANDOTTE MI 48192	Map #:							
Taxpayer's Name/Address DETROIT TUBULAR RIVET INC.	2007 Est TCV 85,800 (Value Overridden)							
Legal Description 1213 GROVE ST WYANDOTTE MI 48192	Improved X Vacant	Public Improvements	Description Frontage Depth Front Depth Rate %Adj. Reason Flat Value:	0.00 Total Acres	Total Est. Land Value =	Value 85,700 85,700		
*15757.3 15758.3 PFT OF LOT 32 DESC AS BEG N 00D 02M 00S E 109.98 FT FROM THE SE COR OF SAID LOT 32--TH N 89D 07M 40S W 298.30 FT--TH N 00D 02M 00S E 60 FT--TH N 89D 07M 40S W 121.70 FT--TH N 00D 02M 00S E 133 FT--TH S 89D 07M 40S E 400 FT--TH S 00D 02M 00S W 193.00 FT--WYANDOTTE INDUSTRIAL SUB NO. 1 T3S R11E L 87 P 65, 66 WCR-K-1.60	Dirt Road Gravel Road Paved Road Storm Sewer Sidewalk Water Sewer Electric Gas Curb Street Lights Standard Utilities Underground Utils.							
Comments/Influences	Topography of Site							
SPLIT/COMB ON 05/31/2000 COMPLETED 05/31/2000 SKHAN SEE COMMENTS : PARENT PARCEL(S) : 57 022 10 0032 000; CHILD PARCEL(S) : 57 022 10 0032 301, 57 022 10 0032 302, 57 022 10 0032 303; *(vp) 5/31/00 split: per wd, l 30272, p 8068, p 8078, p 8080 exc 5/12/99, exc 5/14/99, rec 8/19/99: pvt-city in (3) 1/3 interest	Level Rolling Low High Landscaped Swamp Wooded Pond Waterfront Ravine Wetland Flood Plain							
The Equalizer. Copyright (c) 1999 - 2000. Licensed to: City of Wyandotte, Wayne County	Who When What							
	Year	Land Value	Building Value	Assessed Value	Board of Review	Tribunal/ Other	Taxable Value	
	2007	42,900		EXEMPT			42,900	42,900
	2006	EXEMPT	EXEMPT	EXEMPT			EXEMPT	EXEMPT
	2005							
	2004							

SKETCH/AREA TABLE ADDENDUM

SUBJECT	Property Address Detroit Tubular Rivet			
	City Wyandotte	County Wayne	State MI	Zip
	Owner			
	Client			
Colleen A Keehn C Keehn		12/31/08 December 31, 2005		
IMPROVEMENTS SKETCH				
	<p>Parcel 1</p> <p>Beginning at a point of the Tract described by Metes and Bounds as follows:</p> <p>THENCE Due North, a distance of 133.0 Feet;</p> <p>THENCE Due East, a distance of 400.0 Feet;</p> <p>THENCE Due South, a distance of 193.0 Feet;</p> <p>THENCE Due West, a distance of 278.3 Feet;</p> <p>THENCE Due North, a distance of 60.0 Feet;</p> <p>THENCE Due West, a distance of 121.7 Feet to point of beginning;</p> <p>Said tract containing 1.6 acres (69898.0 sqft.) of land, more or less.</p> <p>Perimeter = 1186.0 Feet</p> <p>No significant error of closure.</p> <p>Parcel 2</p> <p>Beginning at a point of the Tract described by Metes and Bounds as follows:</p> <p>THENCE Due South, a distance of 30.0 Feet;</p> <p>THENCE Due East, a distance of 103.7 Feet;</p> <p>THENCE Due North, a distance of 30.0 Feet;</p> <p>THENCE Due West, a distance of 103.7 Feet to point of beginning;</p> <p>Said tract containing 0.1 acres (3111.0 sqft.) of land, more or less.</p> <p>Perimeter = 267.4 Feet</p> <p>No significant error of closure.</p>			
SURVEY DESCRIPTION				

Memo

Date: January 25, 2007

TO: Colleen Keehn, City Assessor

From: Mark A. Kowalewski, City Engineer 

Re: Vacated Property on 13th Street

The attached title commitment from Minnesota Title indicates Parcel #2 is not City owned property. However, the City records erroneously list this as City property.

Attachment

11/21/05
Gate to Colleen
to put on Roll.

File No: 308416
Page 2
Effective: 09/12/2005

OWNER'S POLICY

\$1,000.00

PARTY TO BE INSURED: To Be Named Later
(Owner's Policy)

Land in the City of Wyandotte, Wayne County, MI

Parcel 1: Part of Lot 32 described as beginning North 00 degrees 02 minutes 00 seconds East 109.98 feet from the Southeast corner of said Lot 32; thence North 89 degrees 07 minutes 40 seconds West 298.30 feet; thence North 00 degrees 02 minutes 00 seconds East 60 feet; thence North 89 degrees 07 minutes 40 seconds West 121.70 feet; thence North 00 degrees 02 minutes 00 seconds East 133 feet; thence South 89 degrees 07 minutes 40 seconds East 400 feet; thence South 00 degrees 02 minutes 00 seconds West 193.00 feet to the point of beginning.

Parcel 2: Part of Lot 32 described as beginning North 00 degrees 02 minutes 00 seconds East 109.98 feet and North 89 degrees 07 minutes 40 seconds West 296.30 feet from the Southeast corner of said Lot 32; thence South 00 degrees 02 minutes 00 seconds West 30.00 feet; thence North 89 degrees 07 minutes 40 seconds West 103.70 feet; thence North 00 degrees 02 minutes 00 seconds East 30.00 feet; thence South 89 degrees 07 minutes 40 seconds East 103.70 feet to the point of beginning.

Parcel 3: The South portion of Lot 32 more particularly described as beginning at the Southeast corner of Lot 32; thence North 0 degrees 02 minutes 00 seconds East 109.98 feet along the East lot line of Lot 32; thence North 89 degrees 07 minutes 40 seconds West 296.30 feet; thence South 0 degrees 02 minutes 00 seconds West 30.00 feet; thence South 89 degrees 07 minutes 40 seconds East 18.00 feet; thence South 0 degrees 02 minutes 00 seconds West 79.98 feet to the South property line of Lot 32; thence South 89 degrees 07 minutes 40 seconds East 278.30 feet to the point of beginning, Wyandotte Industrial Subdivision No. 1 of parts of the Southeast 1/4 of Section 31 and the Southwest 1/4 of Section 32, Town 3 South, Range 11 East, City of Wyandotte, Wayne County, Michigan as recorded in Liber 87 of plats, Pages 65 and 66, Wayne County Records.

this
city
prop

13th Street

OWNER, ENCUMBRANCES, EXCEPTIONS TO TITLE, UNPAID TAXES AND REQUIREMENTS FOR ISSUANCE OF POLICY:

1. OWNER: Francis J. Desana, Trustee under Agreement of Trust dated December 3, 1976, as to an undivided 1/3 interest and Gerald L. Keast, as Trustee under the Gerald L. Keast Revocable Trust Agreement dated January 21, 1992, as to an undivided 1/3 interest and Mary Jo Keast Sadonis, as to an undivided 1/3 interest, as to Parcels 1 and 2 and City of Wyandotte, as to Parcel 3

REQUIREMENT: Record deed from above owner(s) to proposed purchaser.

2. NOTE AS TO PARCEL 3: A search of the Wayne County Records discloses subject property appears to be land-locked.

REQUIREMENT: Record an easement for ingress and egress from subject property to a public road. Said easement must be executed by all parties of interest.

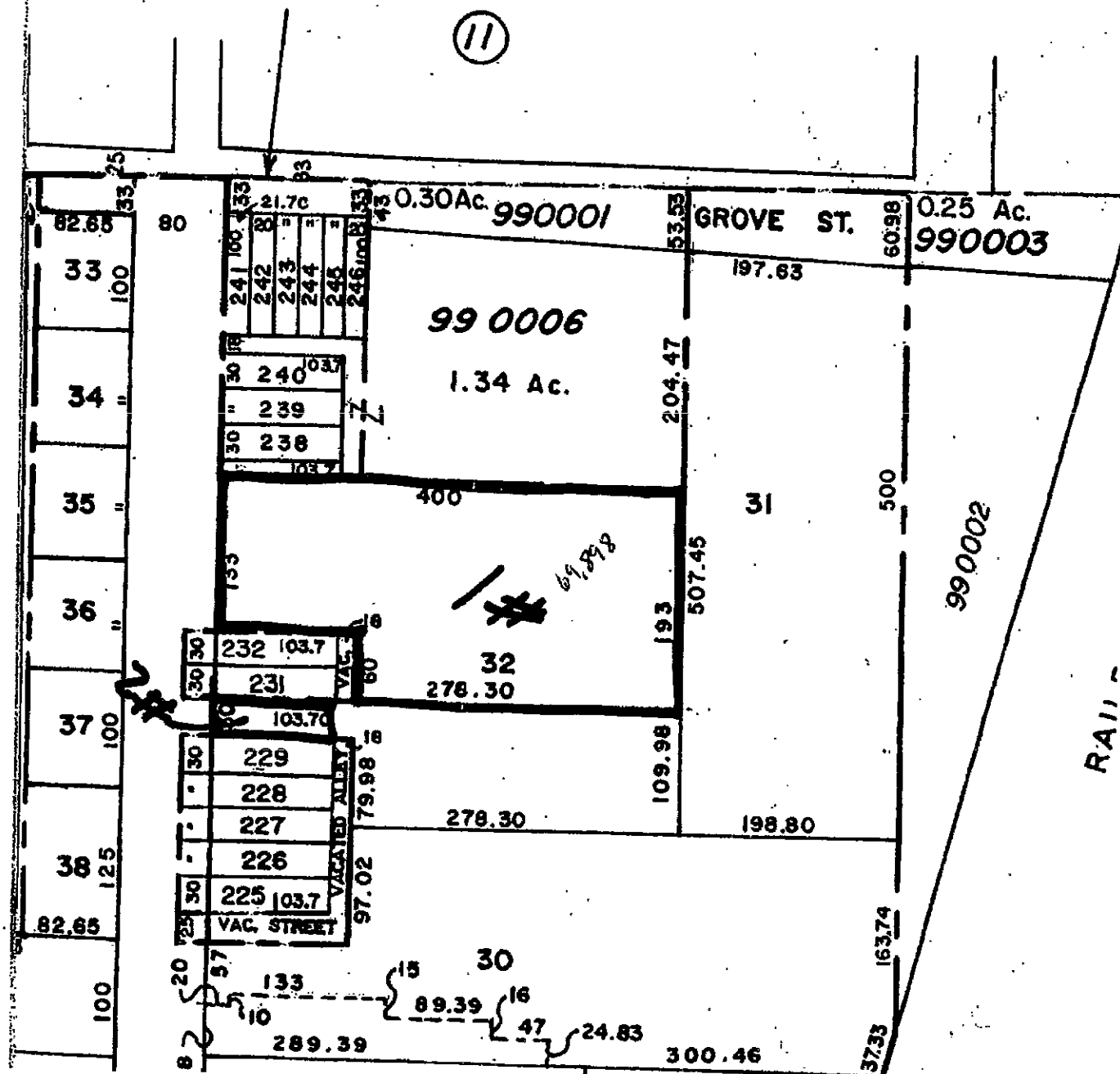
TAXES: Item No(s). 57-022-10-0032-303 (Parcel 1)
2004 County exempt
2005 City exempt

Item No. 57-022-10-0032-301 (Parcel 2)
2004 County exempt
2005 City exempt

DETROIT RIVER LAND CO'S SUBDIVISION No. 1

(11)

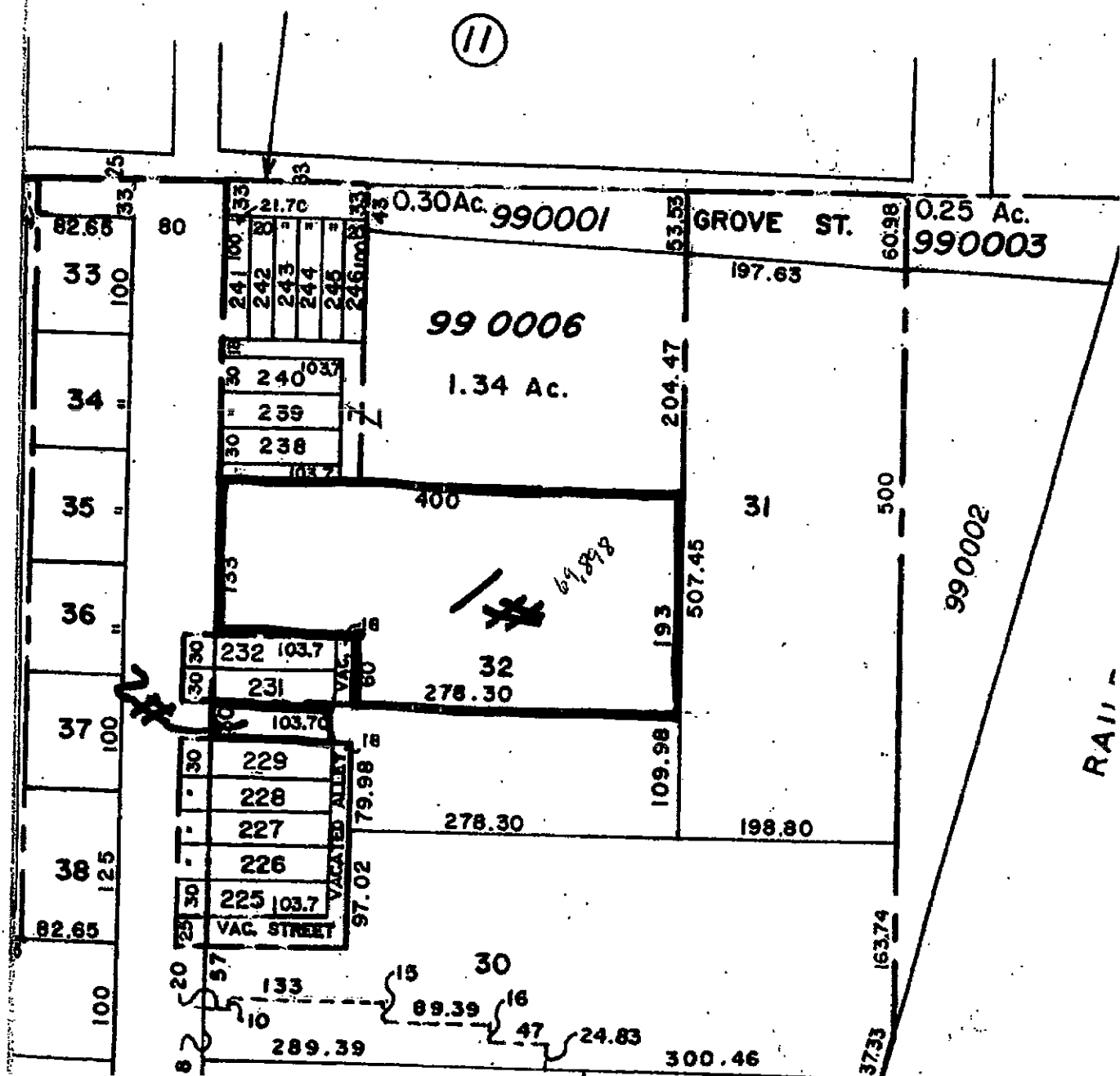
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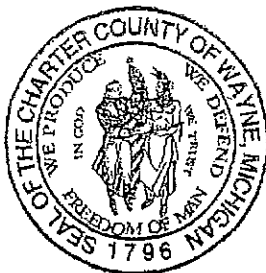
DETROIT RIVER LAND CO'S SUBDIVISION No. 1

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Kurt L. Heise
Director



Robert A. Ficano
County Executive

July 9, 2008

Mr. Tom Fidler
Detroit Tubular Rivet, Inc.
1213 Grove Street
Wyandotte, Michigan 48192

Marty File

Re: Draft-Class D Wastewater Discharge Permit No. D-11305

Dear Mr. Fidler:

Enclosed is a draft Class D Wastewater Discharge Permit, for your facility. The draft permit is issued for a 30-day review period. Please comment in writing to the Industrial Pretreatment Section at the address listed below. If no comments are received within 30 days, this permit will become effective **August 14, 2008**.

The enclosed permit is transmitted to comply with the Industrial Pretreatment Program requirement of the state of Michigan NPDES Permit MI0021156 for the Wayne County Downriver Wastewater Treatment Facility (WWTF). The Wayne County FMD - IPP is issuing this discharge permit under the authority established by (1) the existing contract for sewage disposal between the Wayne County FMD and the municipalities, and (2) the Wayne County Sewer Use Ordinance as adopted by the Board of Commissioners of Wayne County on August 6, 1998.

If you have questions regarding this permit, please call the Industrial Pretreatment Section at 734-285-7232.

Sincerely,

Walter S. Syrkowski

Walter S. Syrkowski
Department Manager of Industrial Pretreatment

WSS:
Attachment
c. Kowalewski, M. City of Wyandotte
File

G:\IPP\IPP SYRKOWSKI\PPDATA\PERMITS\DETROIT TUBULAR\RAFTPERMITJUL08LET.DOC

DEPARTMENT OF ENVIRONMENT • FACILITIES MANAGEMENT DIVISION
DOWNRIVER WASTEWATER TREATMENT FACILITY

797 CENTRAL AVENUE, WYANDOTTE, MICHIGAN 48192 • 734-285-5500 • FAX: 734-285-5248

Wayne County Department of Environment
Facilities Management Division
797 Central Ave.
Wyandotte, MI 48192
734.285.7232

DRAFT

Industrial Pretreatment Program
Class D Wastewater Discharge Permit

Permit No.: D-11305
Expiration Date: 08/13/2013
Effective Date: 08/14/2008

In accordance with the provisions of Article V, Section 4.02 of the Wayne County Sewer Use Ordinance (WC SUO), and pursuant to the requirements of the Industrial Pretreatment Program as specified in 40 Code of Federal Regulations (CFR) 403.8 (f)

Name and Address	Contact Person(s):	Phone No.:	Fax No.
Detroit Tubular Rivet, Inc. 1213 Grove Street Wyandotte, MI 48192	Tom Fidler, Authorized Rep: (Plt Mgr) Gerald Keast	734-282-7979 734-282-7979	734-282-7318

is hereby authorized to discharge industrial wastewater from the above identified facility and through the outfalls identified herein into the sanitary sewer system tributary to the Wayne County Downriver Wastewater Treatment Facility in accordance with the conditions set forth in this permit. Compliance with this permit does not relieve the permittee of its obligation to comply with any or all applicable pretreatment regulations, standards, or requirements under local, state, and federal laws, including any such regulations, standards, requirements, or laws that may become effective during the term of the permit.

The permittee is subject to the Federal Categorical Pretreatment Standards for Metal Finishing, Pretreatment Standards for New Sources (PSNS), Subpart A – Metal Finishing Subcategory, 40 CFR Part 433.17 (a) and (c).

Non-compliance with any term or condition of this permit shall constitute a violation of WC SUO.

If the permittee wishes to continue to discharge after the expiration date of this permit, permittee shall apply for permit re-issuance a minimum of (90) days prior to the expiration of their existing permit, in accordance with Article V, Section 4.03 of the WC SUO.

Authorization of Permit: Wayne County DOB-FMD

Signature of Official

Walter S. Syrkowski

Title:

Department Manager Industrial Pretreatment

Date:

Part I

A. Discharge Limitations

1. Authorized Wastestreams

The permittee is authorized to discharge pretreated electroplating wastewater from rinsing operations and rivet parts washer wastewater. Wastewaters are treated in a modified DMP system (of Rockhill, S.C.). Flows tributary to the pretreatment system are pumped from an acid sump and an alkaline sump. Cleaner, acid, and yellow hexavalent chrome rinses are tributary to the acid sump. Zinc rinses, clear brite dip trivalent chrome rinse and brass plating rinse (if running brass) are tributary to the alkaline sump.

2. Sampling Location

<u>Sampling Point</u>	<u>Description</u>
001	3 inch diameter discharge pipe on "Water Re-Use Tank" (see sketch, Attachment C).

3. Summary Table

a. Limitations per 40 CFR Part 433.17 (a) and (c):

Discharge Limitations			Self-Monitoring Requirements		
Effluent Characteristic	Daily Max mg/l	Monthly Average	Measurement Frequency	Sample Type	Sampling Point
Cadmium (T)	0.11	0.07	semi-annually	composite	001
Chromium (T)	2.77	1.71	quarterly	composite	001
Copper (T)	3.38	2.07	quarterly	composite	001
Lead (T) *	0.32	0.43	semi-annually	composite	001
Nickel (T)	3.98	2.38	semi-annually	composite	001
Silver (T)	0.43	0.24	semi-annually	composite	001
Zinc (T)	2.61	1.48	quarterly	composite	001
Cyanide (T)	1.20	0.65	quarterly	grab	001
TTO (Volatile Organics)**	2.13		2 nd & 4 th qtrs	Grab-EPA Method 624	001

*Local limit more stringent, daily max

** TTO monitoring-volatiles are the only toxic organics expected to be present.

b. Local limits per WC SUO:

The pollutants listed under in the table below are reasonably expected to be present in the facility discharge at levels of concern. Therefore, the user is required to implement a self-monitoring program, as described in the Summary Table, to ensure compliance.

Discharge Limitations		Self-Monitoring Requirements		
Effluent Characteristic	Average Daily Concentration mg/l	Measurement Frequency	Sample Type	Sample Point
Total Phosphorus	177	Semi-annually	Composite	001

	Daily Min	Daily Max	Measurement Frequency	Sample Type	Sampling Point
pH (s.u.)	5.0	11.5	quarterly	grab	001

Self-monitoring violations notification: The permittee shall notify WC FMD-IPP by telephone at 734.285.7232, or by Fax 734.285.5248, within 24 hours of becoming aware of a violation of the permit.

All regulations regarding wastewater discharges to the Wayne County Metropolitan Sewerage Systems, set forth in Article V and Appendix A, of the WC SUO, shall be conditions of this permit.

User shall be in compliance with parameter limitations set forth in Attachment A of this permit. Where a user is subject to regulation under Categorical Pretreatment Standards, the most stringent limit shall apply.

B. Self-Monitoring Conditions and Regulations

1. Definitions

- Maximum Monthly Average Limit – The highest allowable average of “daily discharges” over a calendar month, calculated as a sum of all “daily discharges” measured during a calendar month divided by the number of “daily discharges” measured during that month.
- Daily Maximum Limit – the maximum allowable discharge of a pollutant during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. Where daily maximum limitations are expressed in mass units, the daily discharge is the total mass discharged during the course of a day.

Where daily maximum limitations are expressed in units of concentration, the limitation is the arithmetic average value of all samples collected during the day.

- c. Average Daily Concentration Limit – The highest allowable value expressed in concentration units. The limit is the arithmetic average of all samples collected during that day. It applies to all parameters with the exception of pH.
- d. Daily Minimum Limit – The minimum allowable concentration of a pollutant, allowed to be discharged in a calendar day. This term usually applies to pH, where it is the lowest pH measurement determined from the analysis of number of grab samples collected, independent of the industrial flow rate and the duration of the sampling event.

2. Analytical Procedures

Analytical procedures for all analyses of pollutants to determine compliance shall be in accordance with 40 CFR Part 136, "Guidelines Establishing Test Procedures for the Analysis of Pollutants under the Clean Water Act" and amendments. Exceptions to Part 136 test methods shall be made on a case -by -case basis consistent with the regulations.

3. Representative Sampling

The samples and measurements that are taken as a result of requirements in this permit must be representative of the effluent being discharged during a typical workday.

4. Sample Type

Grab – an individual sample collected over a period of time not to exceed 15 minutes, which reasonably reflects the characteristics of the wastestream at the time of sampling.

Composite – a sample comprised of individual grab samples collected at regular intervals, either on a time or flow proportional basis, over a specified period which provides a representative sample of the average stream during the sampling period. For categorical process samples a composite is required to be minimum of four (4) samples per 24 hours as specified in 403.12 (b) (5).

5. Sample Point

Compliance sampling shall be performed at the sampling location identified in Part 1 A.2 and Attachment C. Sample locations are not to be changed without prior written approval from the Wayne County Facilities Management Division –IPP Section.

6. Sample Frequency

The effluent must be sampled and analyzed at the frequency indicated in the summary table above. This applies for all the parameters shown in the table.

7. Greater Sampling Frequency

If the permittee or its agent, samples and monitors any pollutant using EPA approved procedures, at the sampling point(s) described in this permit, more frequently than required, then the results of this sampling and monitoring must be included in the Periodic Compliance Report. Permittee must calculate and report average values in the Report, taking the additional sampling and monitoring into account.

8. Non-compliance Additional Sampling

If a permittee is in non-compliance and subject to enforcement actions, additional self-monitoring may be required. The additional self-monitoring may be required until such time as the permittee can demonstrate compliance.

C. Charges and Fees

1. Surcharge

Biochemical oxygen demand, 5-day (BOD5), total suspended solids (TSS), and Total phosphorus are surchargeable parameters. If the discharge contains concentrations of these compatible pollutants in excess of the allowable concentrations (BOD=275 and TSS=350, and T. phosphorus=12, all in mg/l) the permittee must pay a surcharge on the excess amount. The permittee may elect to do monthly self-monitoring of these parameters and have the results included in the determination of the surcharge and must then comply with the surcharge policy of the County.

2. Industrial Surveillance Fee

The permittee shall pay directly to the County, an Annual Industrial Surveillance Fee calculated pursuant to formula listed in Attachment B, and billed by the County on a quarterly basis

D. Reporting

1. Periodic Compliance Report (PCR)

The permittee shall report self-monitoring and flow rate data to WC FMD – IPP on a quarterly basis. The PCR shall consist of a summary of data on the PCR form and copies of the analytical reports, including chain of custody forms and quality assurance/quality control (QA/QC) data. The report shall be received by the end of business day on the 15th day of the month following the end of the reporting period (January 15, April 15, July 15 and October 15).

2. Total Toxic Organic (TTO) Report

The permittee shall self-monitor for volatile organic compounds using EPA Method 624, because these are the only toxic organics expected to be present. The semiannual monitoring shall be performed during the 2nd quarter (April – June) and 4th quarter (October – December) and be submitted with the 2nd and the 4th quarter PCRs.

Permittee may elect to prepare, submit and implement a Toxic Organic Management Plan (TOMP) per 40 CFR 413.03 (b), which must be approved by the County, in lieu of sampling. Users electing the TOMP option shall be required to recertify on the PCRs that the TOMP is being implemented on.

3. Signatory Requirements for Reports

The Total Toxic Organic (TTO) Report and PCR shall include the certification statement as set forth in 40 CFR 403.6(a)(2)(ii) and shall be signed by an authorized representative of the industrial user per Article 1, Section 1, Definition 4 of the WC SUO.

E. Enforcement Orders

This permit contains specific discharge limitations, effective dates, self-monitoring, reporting and terms and conditions for your facility.

Please note that any and all penalties, compliance schedules, compliance agreements, and/or Administrative Orders previously issued or agreed to as a result of violations by the permittee, prior to the issuance of this permit, remain in full force and effect.

Part II

A. General Terms and Conditions

1. Right of Entry

The permittee shall allow County personnel, upon the presentation of credentials, access at all reasonable times to all parts of the premises for the purposes of inspection, observation, sampling, examining records, copying records, conducting an investigation, or the performance of any of their duties related to the administration of this permit and/or the County's Industrial Pretreatment Program (IPP). Denial of entry shall constitute a violation of the Ordinance and subject the user to enforcement action.

2. Retention of Records

- a. The permittee shall keep records and make available upon request of the County, State, or EPA for at least three (3) years, of the following:
 - i. All monitoring information – includes all calibration and maintenance records.
 - ii. All correspondence related to monitoring, sampling and analyses related to its discharge.
 - iii. Copies of all reports required by this permit.
 - iv. Records of all data used to complete the Industrial-Commercial Waste Questionnaire, which serves as the application for this permit.
- b. All records that apply to matters that are the subject of special orders or any other enforcement or litigation activities brought about by WC FMD shall be kept and preserved by the permittee until all enforcement activities have concluded. Also, until all periods of limitation regarding appeals have expired.

3. Fines and Penalties for Violations of Permit Conditions

- a. **Municipal Civil Infractions**
Wayne County adopted a Municipal Civil Infractions Ordinance to designate certain violations of the Sewer Use Ordinance as municipal civil infractions rather than criminal misdemeanors. The sanction for a violation shall be civil fine in the amount provided by schedule of civil fines contained in Article V, Section 6.10.2
- b. **Criminal Penalties**
Any person who is convicted of a violation of State law or SUO, as per Article V, Section 6.10.3 shall be guilty of a misdemeanor and punishable by a fine of \$500.00, per violation per day or imprisonment for up to 90 days, or both, at the discretion of the court.

If a violation is committed by a person whom acts or fails to act on behalf of a corporation or partnership, that person shall be held personally liable for fine or imprisonment or both.

4. Fee and Charges

The permittee shall pay fees and surcharges including late fees and interest, directly to the County for at least the following:

- a. Annual Industrial Surveillance fees.
- b. Surcharges for compatible pollutants discharged in excessive concentrations as detailed in Article V, Section 3.04.
- c. To recover actual additional costs it may incur in connection with inspecting and enforcement, implementation of the IPP, sampling, testing, handling and treating the wastes not covered by existing wastewater charges in addition to the Annual Industrial Surveillance fee referred to above.
- d. Cost of handling and treating wastewater into the sewer not otherwise provided.

The above charges and fees are separate from any sewage or excess sewage fees collected pursuant to Michigan Public Act 185 of 1957.

5. Additional Sewer Information

The permittee shall agree to furnish the County, upon request, any additional information relating to the installation or use of the sewer.

6. Pretreatment Facilities

- a. Operation: The permittee shall provide, operate and maintain any industrial wastewater pretreatment facilities, as may be required by this permit, in an efficient manner at all times, and at permittee expense.
- b. Detailed plans and operating procedures for new pretreatment facilities must be submitted for review and approval, prior to construction. Submit plans to the County, at the address on the cover sheet of this permit.
- c. Any subsequent changes in pretreatment facilities or operating procedures must be reported to the county for review and approval, prior to initiation of the changes.

7. Slug/Spill Control Plan

Industrial Users shall provide protection from accidental discharges of substances, which may cause interference at the Downriver Wastewater Treatment Facility pursuant to Article V, Section 2.04 of the WC SUO. Where necessary, spill prevention or slug control plans shall be developed by the user to address notification, slug or spill prevention, containment, spill cleanup and employee training and submit it to the IPP Section for approval prior to construction. Approval of such plans shall not relieve the industrial user from complying with laws and regulations governing handling of hazardous substances. Any required facilities shall be provided and maintained at the user's expense.

B. Notification Requirements

Emergency notification telephone numbers:

Office	Phone	Fax
IPP Section (M-F, 7am – 3:30pm)	734.285.7232	734.285.5248
Downriver WWTF (M-F, 7 am – 3:30 pm)	734.285.5292	734.285.5248
WWTF Shift Supervisor (24/7)	313.213.5107	
24-Hour Hot Line (24/7)	1.888.223.2363	

1. Self-Monitoring Violations

If the results of the permittee's self-monitoring indicates that a violation of this permit has occurred, the permittee must, in accordance with 40 CFR 403.12(g)(2):

- a. Inform the County by telephone, fax, or e-mail within 24 hours, of becoming aware of the violation, and
- b. Repeat the sampling and pollutant analysis and submit, in writing, to the WC FMD-IPP Section the results of this second analysis within thirty (30) days of the first violation, except if:
 - i. The County Agency performs sampling at facility at least once per month.
 - ii. The County Agency performs sampling between the time the permittee performs initial sampling and the time when permittee receives results of this sampling.

2. By-Pass Notification

By-pass of pretreatment facilities necessary to maintain compliance with all the requirements of this permit is prohibited, unless:

- a. By-pass was unavoidable to prevent loss of life, personal injury, or severe property damage.
- b. There were no feasible alternatives to the by-pass.
- c. The permittee submitted notices as required per Article V, Section 2.05.6(b) of the Sewer Use Ordinance.
- d. The County Agency may approve an anticipated by-pass, after considering its adverse effects, if the County Agency determines that it will meet the three (3) conditions listed in Article V, Section 2.05.6(c)(1) of the Sewer Use Ordinance.

3. Slug/Spill Notification

The permittee shall within one (1) hour, of becoming aware, report any spill or slug, which may cause increased pollution of normal industrial and/or sanitary wastewater. Call County personnel at 734.285.5292 and report the:

- 1) Location of discharge,
- 2) Date and time of discharge spill or slug,
- 3) Type of waste,
- 4) Concentration and volume of the spill or slug, and
- 5) Describe the corrective actions taken to prevent future spill or slug discharges.

If a major spill occurs which may impact storm sewers or open waterways, call the Michigan Department of Environmental Quality (MDEQ), at 1.800.292.4706 and report the spill.

Written notification is required to the county Agency within five (5) days pursuant to Article V, Section 2.05.2(b).

A slug is defined as a non-routine batch discharge, a release or spill from large chemical storage tanks, a discharge of wastewater which is four (4) times the average 24-hour concentration or is four (4) times over the flow limit for at least 15 minutes to the County sewer system.

4. Upset Non-Compliance

- a. The permittee shall notify the County by phone, within 24 hours of first becoming aware, that a process upset has occurred, which places that discharger in non-compliance with the WC SUO or with a condition of its Class D Wastewater Discharge Permit. "Upset" is defined as an exceptional incident in which there is unintentional and temporary non-compliance with technology based permit discharge limitations because of factors beyond the reasonable control of the Industrial User. The permittee shall submit to the County a written notification within five (5) days, which specifies the following:

- i. A description of the Upset to sanitary sewer, its cause, and impact relative to compliance status.
- ii. The duration of non-compliance, including exact dates and times or, if not corrected, the anticipated time necessary to come back into compliance.
- iii. Steps being taken and/or planned to reduce, eliminate and prevent recurrence of that type of Upset, or other conditions of non-compliance.

- b. An Upset shall constitute an affirmative defense to an action brought for non-compliance with Categorical Pretreatment Standards, if the requirements of the Michigan Administrative Code R 323.2303(3) are met.
- c. In any enforcement proceeding the permittee seeking to establish the occurrence of an Upset shall have the burden of proof.
- d. The permittee shall control production or all discharges to the extent necessary to maintain compliance with Categorical Pretreatment Standards and/or Local Limits upon reduction, loss, or failure of its treatment facility until the facility is restored or an alternative method of treatment is provided. This requirement applies in the situation where, among other things, the primary source of power of the treatment facility is reduced, lost or fails.

5. Notification of Changed Discharge

Permittee shall promptly notify the County Agency in advance of any substantial change in the volume or character of pollutants in its discharge including all of the following, if applicable:

- a. Groundwaters that are purged for remedial action programs.
- b. Groundwaters containing pollutants that infiltrate into the sewers.
- c. The listed or characteristic hazardous wastes for which the User has submitted initial notification pursuant to Article V, of the Sewer Use Ordinance.

C. Permit Items

1. Permit Re-issuance

- a. Re-application
The permittee must submit an application for permit re-issuance, in the form of a completed, updated, Industrial-Commercial Waste Questionnaire, to the County no later than 90 days prior to the expiration date of the permit.
- b. Re-Issuance
Upon timely application for re-issuance of a permit in accordance with paragraph a, the expired permit shall be automatically extended until a final decision regarding the application is made by the County Agency.

2. Permit Modification

The County Agency may modify a Wastewater Discharge Permit in order to:

- a. Require compliance with national Categorical Pretreatment Standards.
- b. Assure compliance with the publicly owned treatment works (POTW) NPDES Permit.
- c. Incorporate new conditions or parameter of concern due to substantial change in the User's operations or new information concerning existing conditions.
- d. Incorporate changes in federal or state laws or changes in the County's approved IPP.

- e. Change or terminate special conditions of the permit including but not limited to monitoring frequency or parameters to be monitored.
- f. Correct any omissions or typographical errors.
- g. Reflect changes in the monitoring location.
- h. To address a User's noncompliance with portions of an existing permit.
- i. For any other reason, if the County Agency reasonably believes the modification is necessary to ensure either that the POTW complies with its NPDES permit or that the POTW does not negatively affect the receiving water quality standards, the national air quality standards or any other applicable permit, order, statute, regulation, or limitation.
The permittee shall be given written notice of any proposed changes in its permit, at least 30 days prior to the effective date of such change, unless a shorter time is necessary to protect the treatment plant, protect human health or the environment.

3. Permit Transfer

Wastewater Discharge Permits are issued to a specific user for a specific operation and may not be assigned or transferred to another discharger or to another location without 30 days prior notice to the County Agency of the change and the written approval of the County Agency.

4. Permit Revocation

The County Agency may, with written notice revoke the discharge permit for the following reasons:

- a. Violation of the terms and conditions of the permit, local ordinances, state and federal laws, statutes, and regulations.
- b. Failure to factually report the wastewater constituents and characteristics of the discharge.
- c. Failure to report significant changes in wastewater constituents and characteristics.
- d. Refusal of reasonable access to the permittee premises by County personnel for the purpose(s) of inspection or monitoring.
- e. Failure to pay fines, penalties or costs incurred by the County, pursuant to Article V., Section 6.

Non-compliant Industrial Users shall be notified of the proposed termination of their Wastewater Discharge Permit and be given an opportunity to show cause under Section 6.04.1 of this Ordinance why the proposed action should not be taken.

5. Emergency Suspension of Service and Discharge Permits

- a. The County Agency may, for good cause, suspend the wastewater treatment service and the Wastewater discharge Permit of a discharger if the county Agency finds that an actual or threatened discharge presents or may present an

imminent or substantial danger to the health or welfare of persons, substantial danger to the environment, or an interference or passthrough.

- b. A discharger who is notified of the suspension of wastewater treatment service and/or the Discharger's Wastewater discharge Permit, shall within a reasonable period of time, as determined by the County Agency, cease all discharges.
- c. If a discharger fails to comply voluntarily with the suspension order within the specified time, the County agency shall take such steps as deemed necessary, including severance of the sewer connection, to prevent or minimize damage to the POTW, its receiving waters, or endangerment to any individual.
- d. The County shall allow the User to recommence its discharge when the user has demonstrated to the County's satisfaction that the endangerment has passed, unless termination proceedings are initiated against the user.
- e. A User that is responsible, in whole or in part, for any discharge presenting imminent endangerment shall submit a full report to the County Agency within five (5) days of the incident. This report shall be a detailed written statement describing the causes of the harmful contribution and the measures taken to prevent any future occurrence. The information in this report shall be considered during any related action by the County Agency.
- f. Local communities whose wastewater is transported or treated by the facilities of the County Agency may join with the County Agency in enforcement action and take such other action to effectuate the ordinance.
- g. Failure of the contracting community to join in the enforcement action shall not limit the County's authority to enforce this ordinance and the provisions of this section as to any discharger.

Appendix A Local Discharge Limitations - Wyandotte WWTP

<u>No</u>	<u>Parameters</u>	<u>Limit (Average Daily Concentrations)</u>
1.	Arsenic, total	1.8 mg/l
2.	Cadmium, total	1.20 mg/l
3.	Chromium, total	15.0 mg/l
4.	Copper, total	4.5 mg/l
5.	Cyanide, total	1.80 mg/l
6.	Lead, total	0.32 mg/l
7.	Mercury, total	Non-detectable ** mg/l
8.	Nickel, total	6.00 mg/l
9.	Silver, total	0.43 mg/l
10.	Zinc, total	5.00 mg/l
11.	Fats, Oil, and Grease (FOG)	100.0 mg/l
12.	Phenolics, total	1.0 mg/l
13.	Polychlorinated Biphenyls (PCBs)	Non-detectable ** mg/l
14.	pH	5.0 - 11.5 s.u.
15.	Biochemical Oxygen Demand (BOD ₅)	4,000. mg/l
16.	Total Phosphorous	177 mg/l
17.	Total Suspended Solids (TSS)	10,000 mg/l
18.	Chloroform	0.25 mg/l
19.	Methylene Chloride	0.25 mg/l
20.	Tetrachloroethylene	0.25 mg/l
21.	Toluene	1.0 mg/l
22.	Trichloroethylene	0.5 mg/l
23.	BTEX, (benzene, toluene, ethylbenzene, xylene)	2.0 mg/l

** The quantification level shall not exceed 0.1 UG/l for PCBs and 0.2 UG/l for mercury, unless higher levels are appropriate because of sample matrix interference. Any discharge of PCBs or mercury at or above the quantification level is a specific violation of this Ordinance. This paragraph does not authorize the discharge of PCBs or mercury at levels which are injurious to the designated uses of the waters of the state, or which, constitute a threat to the public health or welfare. If adopted by the state of Michigan to implement the Great Lakes initiative for PCBs or mercury, the quantification level in a permit issued pursuant to this Ordinance may be changed, upon county agency approval, to incorporate such promulgated quantification level.

Industrial Surveillance Fee Formula

11.103 Each significant industrial user, as defined by the Wayne County Sewer use Ordinance, Enrolled Ordinance No. 98-473, effective August 6, 1998, must pay an annual industrial surveillance fee. The fee shall be paid pursuant to the formula below:

Industrial Surveillance Fee = Administrative Fee + Monitoring Costs

Administrative fee = A + B + C

A = base industrial surveillance fee (\$1,300.00 for categorical dischargers/\$700.00 for non-categorical dischargers).

B = analysis review fee (\$10.00 for each analyses required/yr

C = additional sampling point fee (if more than one sampling point, user will be charged as follows for each additional point: \$300.00 for categorical discharges; \$200 for non-categorical dischargers).

Monitoring fee = D X E

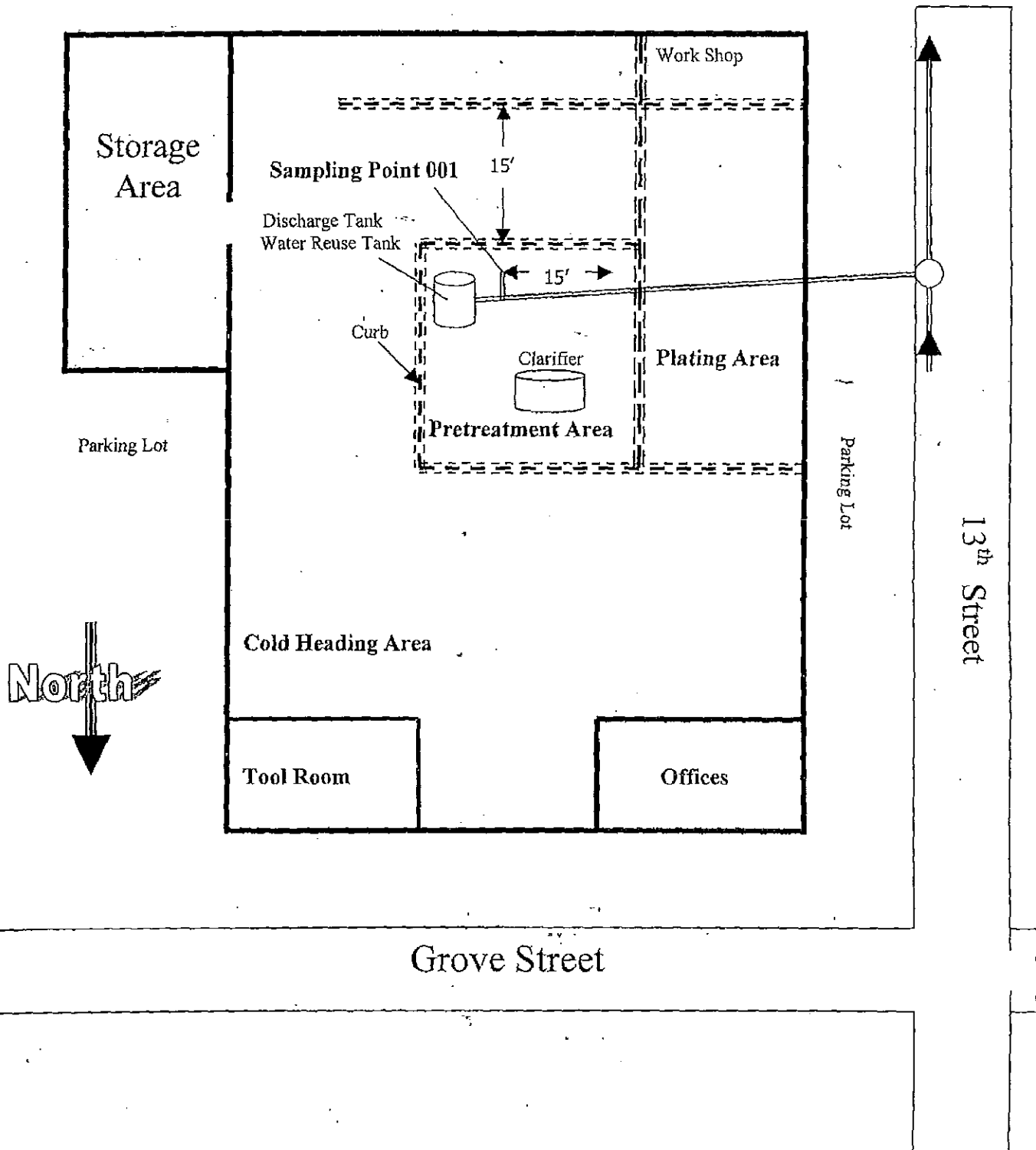
D = number of analyses required under significant industrial user's permit for each parameter for each year.

E = cost of analysis as determined by Wayne County based on a survey of local laboratories.

Detroit Tubular Rivet

Sampling Location

Attachment C
MLF, 5/29/2003
Permit No. 11305





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5

77 WEST JACKSON BOULEVARD, *WN-16J*
CHICAGO, IL 60604-3590

REPLY TO THE ATTENTION OF

DEC 10 2001

WN-16J

Ms. Beth S. Gotthelf
Seyburn, Kahn, Ginn, Bess and Serlin
2000 Town Center, Suite 1500
Southfield, Michigan 48075-1195

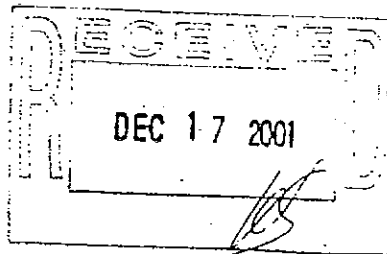
Re: Detroit Tubular Rivet

Dear Ms. Gotthelf:

This is in response to your letter of November 16, 2001, in which you requested an interpretation from the U.S. Environmental Protection Agency (U.S. EPA) Region 5 regarding whether replacement by Detroit Tubular Rivet, Inc. (DTR) of its tanks and other parts on a plating line resulted in the facility becoming a new source. Based on the information provided, and as discussed below, U.S. EPA is in agreement with the Michigan Department of Environmental Quality's (MDEQ) interpretation that DTR is a new source. This interpretation is based on the fact that DTR totally replaced its process equipment that causes the discharge of pollutants, satisfying the criteria of 40 CFR 403.3(k)(1)(ii).

As indicated in your letter, and in the previous correspondence provided, DTR characterizes the changes made in 1988 as modifications of the electroplating line, which did not modify the size of the process or the operations performed. Based mainly on the process diagrams included in your letter, however, it appears that all of the process tanks existing prior to 1988 were removed, and new, generally larger tanks were installed. As a result of the size increases of the individual tanks, the overall tank volume for the line went from 8,600 gal to at least 12,711 gal (this number may be even higher, but the bottom of the process diagram for the Jessup system installed in 1988 was cut off in the copy provided), resulting in an increase in tank capacity of more than 30%.

In addition to this significant expansion in the volume of the process tanks, the information provided indicates that DTR added a black chromating operation (which by itself constitutes a core metal finishing process), reconfigured the sequence of the process operations, and took advantage of this opportunity to install a more efficient rinse system (i.e. the countercurrent rinse system). Rather than just replacing existing tanks with new but identical tanks in the same configuration, these changes represent a total replacement of the wastewater generating process equipment with different sized equipment in a different configuration. In planning for this replacement of equipment, DTR had the opportunity to use more efficient process and treatment technology.

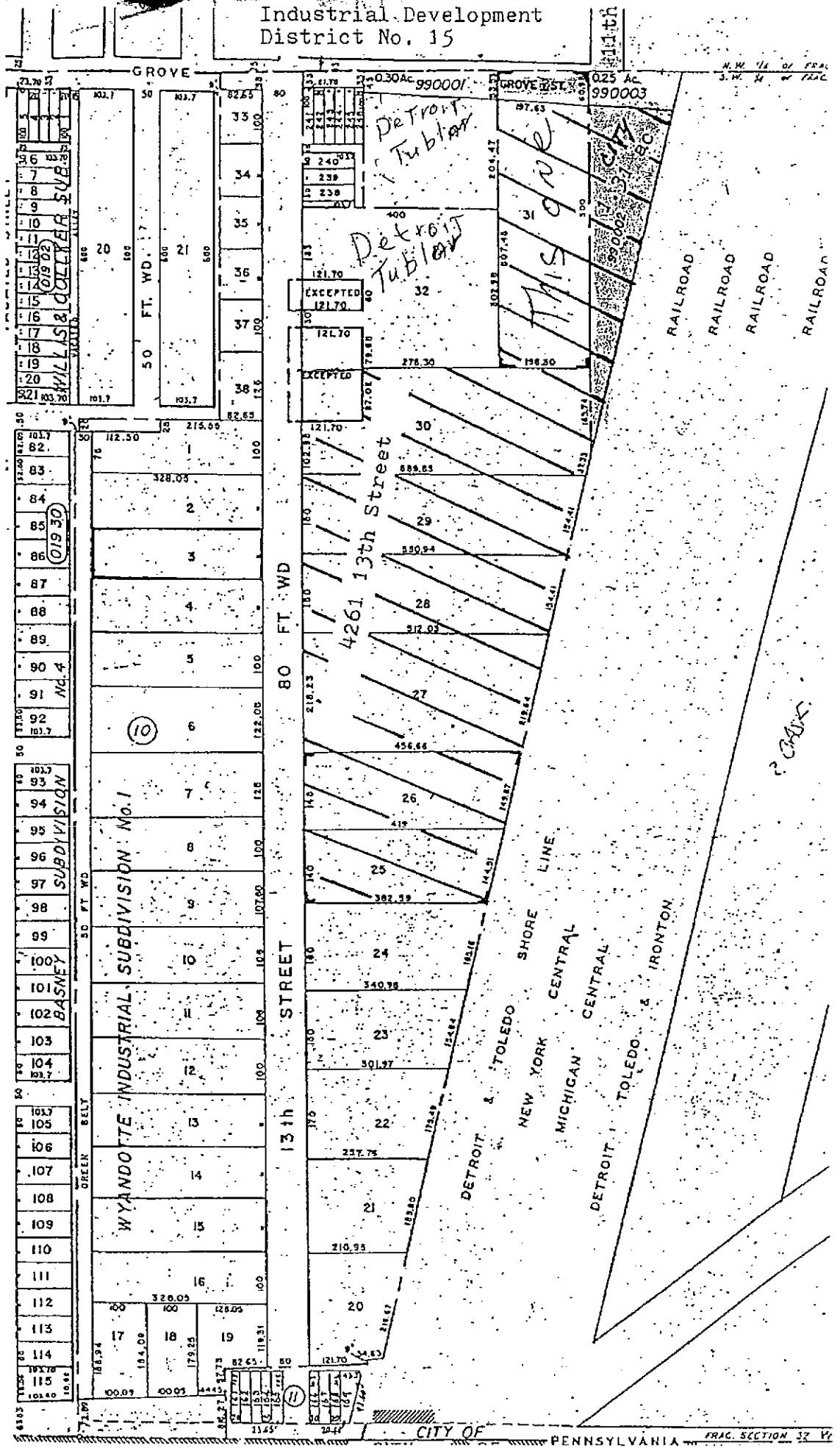


5/17/95

BOB LOKUTA

980-8249

Industrial Development
District No. 15



WAYNE COUNTY DIVISION OF PUBLIC WORKS

INDUSTRIAL PRETREATMENT PROGRAM.

NOTICE OF NON-COMPLIANCE

V=11305-06

Wayne County Division of Public Works.

AND

City of Wyandotte
Attn: Mark Kowalewski

VS

Detroit Tubular Rivet
1213 Grove
Wyandotte, MI 48192
Attn: Jim Thomas

monter file

The above mentioned industrial/commercial user has discharged wastewaters into the local sanitary sewerage system which is subsequently treated at Wyandotte WWTP operating under NPDES Permit #MI0021156. Data, routinely collected or submitted on the compliance status of Detroit Tubular Rivet indicates that Detroit Tubular Rivet is in violation of the following: (1) the wastewater parameter limitations as set forth in Article V of the Wayne County Sewer Use Ordinance, (2) the terms and conditions set forth in the Industrial Wastewater Discharge Permit as issued by WCDPW, and/or (3) any applicable state or federal statutes, regulations including the General Pretreatment Standards 40 CFR 403 and subsequent Categorical Pretreatment Standards.

Detroit Tubular Rivet is in Significant Non-compliance with the pH limits for the period of April 1, 1993 thru September 30, 1993. See Attachment #1 for definition of SNC and Attachment #2 for a summary of the pH monitoring results.

A. DISCHARGE VIOLATIONS

See Attachment #2.

Therefore, in an effort to resolve the violation(s) it is ordered that Detroit Tubular Rivet appear at a Conciliation Meeting to be held on January 7, 1994, at 9:00 a.m. at Wayne County Division of Public Works conference facility at 3501 Henry Ruff Road, Westland, Michigan.

WAYNE COUNTY DIVISION OF PUBLIC WORKS
INDUSTRIAL PRETREATMENT PROGRAM
NOTICE OF NON-COMPLIANCE
Page 2

The industrial/commercial user should be prepared at that time to present for discussion, a Plan of Action that will correct the discharge violation(s) in the interim as well as permanently. This Plan of Action shall include a Compliance Schedule outlining the necessary steps to be taken to resolve the violation(s).

WAYNE COUNTY DIVISION OF PUBLIC WORKS

By Terrance A. Galloway (WS)
Terrance A. Galloway
Engineer of Industrial Pretreatment

Date Issued: December 14, 1993

ADDRESS FOR FURTHER CORRESPONDENCE

Wayne County Division of Public Works
3501 Henry Ruff Road
Westland, MI 48185 - Tel: (313) 326-7304

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

TAG/WSS/sv

c: City of Wyandotte-Mark Kowalewski
File

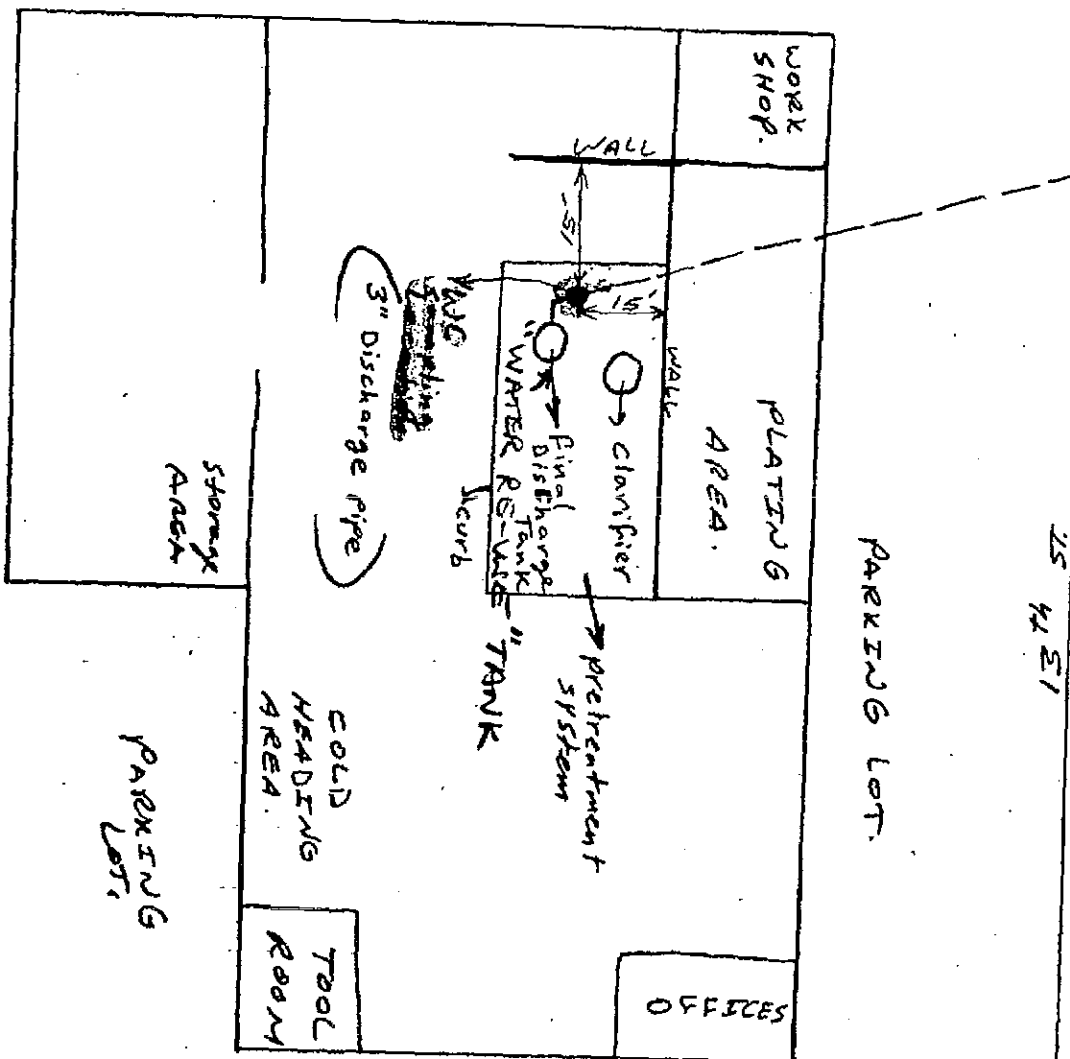
Significant Non-Compliance (SNC)

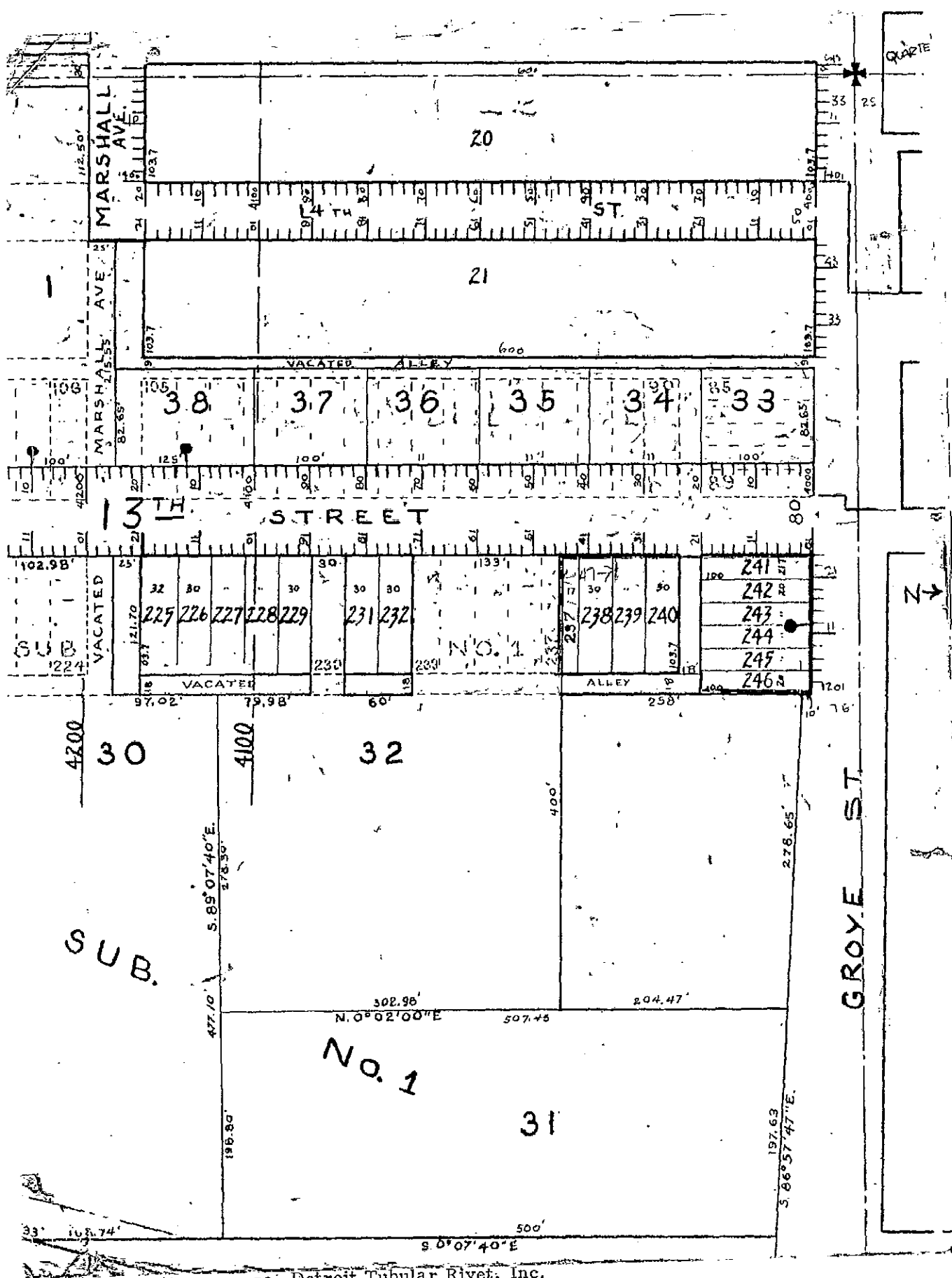
An industrial user is in significant noncompliance if its violation meets on (1) or more of the following criteria:

- (a) Chronic violations of wastewater discharge limits, defined here as those in which sixty-six (66) percent or more of all of the measurements taken during a six (6) month period exceed (by any magnitude) the daily maximum limit or the average limit for the same pollutant parameter;
- (b) Technical Review Criteria (TRC) violations, defined here as those in which thirty-three (33) percent or more of all of the measurements for each pollutant parameter taken during a six (6) month period equal or exceed the product to the daily maximum limit or the average limit multiplied by the applicable TRC (TRC=1.4 for BOD, TSS, fats, oil, and grease, and 1.2 for all other pollutants except pH);
- (c) Any other violation of a pretreatment effluent limit (daily maximum or longer-term average) that the County Agency determines has caused, alone or in combination with other discharges, interference or pass through (including endangering the health of POTW personnel or the general public);
- (d) Any discharge of a pollutant that has caused imminent endangerment to human health, welfare or to the environment or has resulted in the POTW's exercise of its emergency authority under Article V of this ordinance (40 CFR 403.8 (f) (s) (vi) (b) to halt or prevent such discharge;
- (e) Failure to meet, within 90 days after the schedule date, a compliance schedule milestone contained in a wastewater discharge Permit compliance schedule or conciliation agreement for starting construction, completing construction, or attaining final compliance;
- (f) Failure to provide, within 30 days after the due date, required reports such as baseline monitoring reports, 90-day compliance reports, periodic self-monitoring reports, and reports on compliance with compliance schedules;
- (g) Failure to accurately report noncompliance;
- (h) Any other violation or group of violations which the County Agency determines will adversely affect the operation or implementation of the County's Industrial Pretreatment Program.

1. ATTACHMENT "C". DETROIT TUBULAR RIVER.

6/10/91





Department of Engineering and Building

3131 Biddle Avenue
WYANDOTTE, MICHIGAN

PERMIT NO. _____

DATE 3/31/

In accordance with Section 2006 of the Zoning Ordinance, application is hereby made for a

CERTIFICATE OF OCCUPANCY for a WAREHOUSE
(type of occupancy)

To be used for a MANUFACTURE
(single, 2-family, multiple dwelling, garage. Kind of business or manufacture)

On Lot No. & Sub'd. N 1/4 OF 237 + LOT 238 TO 246 DETROIT RIVERLAND SUB.

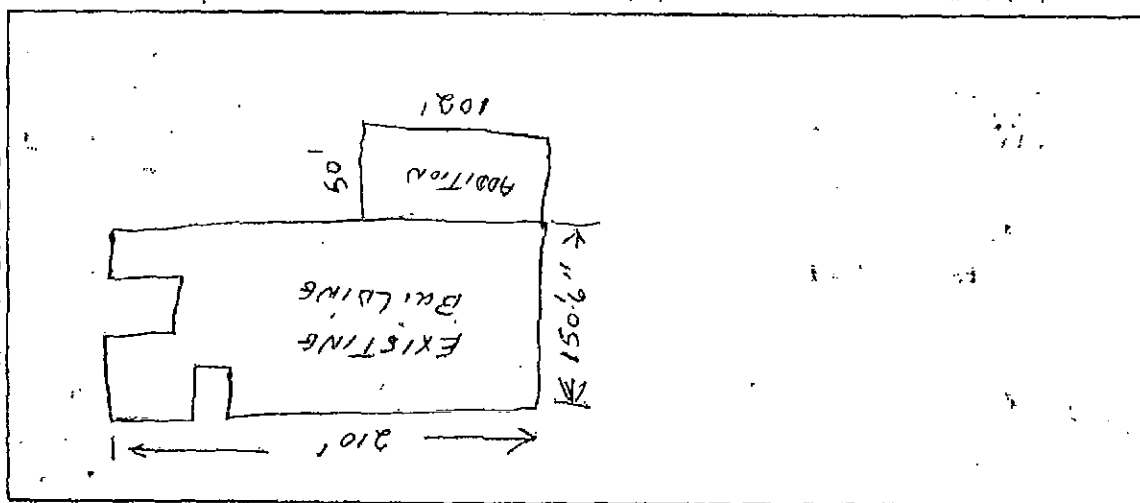
Address 1213 GROVE St. between CORNER GROVE and 13TH

Distance to lot line: Front 400' Minimum side _____ Total side _____ Rear 400'

PLOT PLAN

NOTE: SHOW SIZE OF ALL BUILDINGS AND YARD DIMENSIONS ON PLOT. ALSO DESIGNATE VEHICLE STORAGE SPACE.

INSIDE LOT LINE () SIDE STREET () OR ALLEY ()



INSIDE LOT LINE () SIDE STREET () 13TH OR ALLEY ()

OWNER DETROIT TUBULAR

SIGNED George M. Ungar
(AGENT)

ADDRESS 1213 GROVE

ADDRESS 12221 DIX TOLEDO SOUTHGATE

PHONE NO. 282 7979

PHONE NO. 284-6950

FOR OFFICE USE ONLY

Zoning District _____ Height of Structure _____ Number of Stories _____

Total area of existing & proposed structures _____ Sq. Ft. Size of Lot _____

Maximum Area of Occupancy _____ Sq. Ft. Area of Lot in Sq. Ft. _____

Parking Provided for: _____ Parking Required: _____

Approved by: _____ Refused because of non-compliance to Section: _____

ORIGINAL JOB
OCT 10 1969

Department of Engineering and Building

994 Biddle Avenue

WYANDOTTE, MICHIGAN

PERMIT NO. _____

DATE 1-16-69

In accordance with Section 2006 of the Zoning Ordinance, application is hereby made for a

CERTIFICATE OF OCCUPANCY for a TRUCKWELL

(type of occupancy)

To be used for a MANUFACTURING LOADING & UNLOADING

(single, 2-family, multiple dwelling, garage. Kind of business or manufacture)

On Lot No. & Sub'd. LOTS 237 THRU 246 OF DET RIVER CO. SUB N21

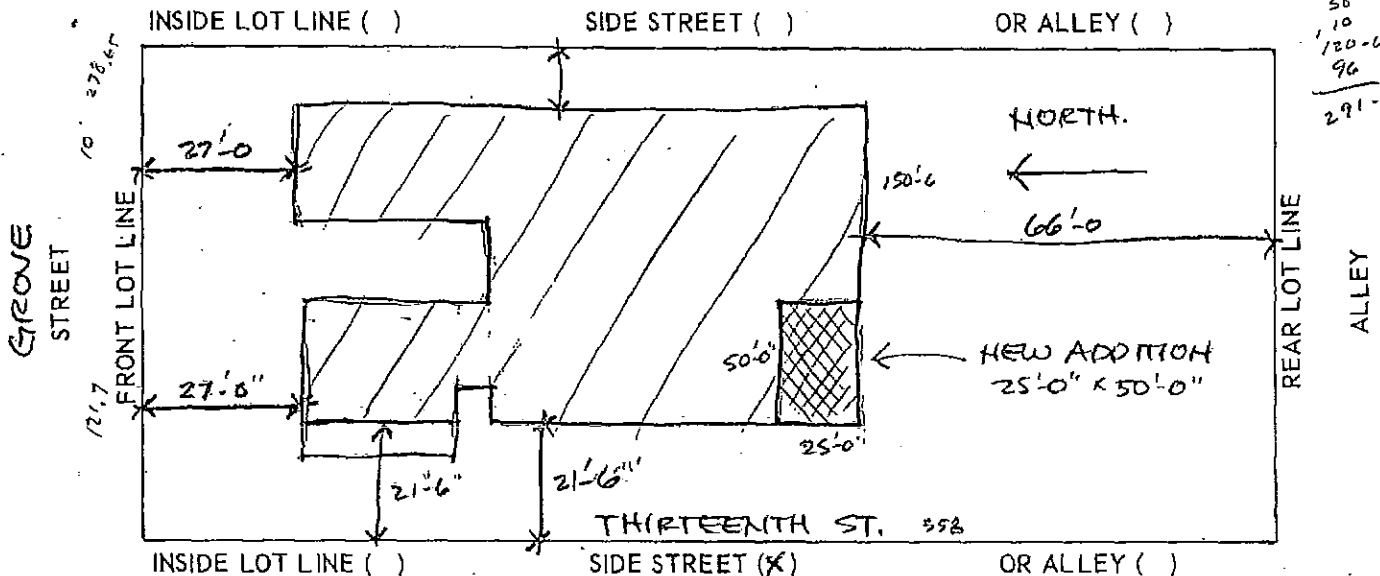
Address 1213 GROVE (SE CORNER) St. between 13TH and 11TH

Distance to lot line: Front _____ Minimum side _____ Total side _____ Rear _____

PLOT PLAN

NOTE:

SHOW SIZE OF ALL BUILDINGS AND YARD DIMENSIONS ON PLOT. ALSO DESIGNATE VEHICLE STORAGE SPACE.



OWNER DETROIT TUBULAR RIVETS SIGNED THE GARRISON CO.

ADDRESS GROVE STREET ADDRESS 8555 CAPITAL AVE

PHONE NO. _____ PHONE NO. LI-86500

FOR OFFICE USE ONLY

Zoning District I-2 Height of Structure _____ Number of Stories _____

Total area of existing & proposed structures 31,383 Sq. Ft. Size of Lot VARIABLE

Maximum Area of Occupancy _____ Sq. Ft. Area of Lot in Sq. Ft. 81,645

Parking Provided for: 500 Parking Required: 63510

Approved by: M.E.J. Refused because of non-compliance to Section: _____

"Exist. Mfg. Bldg. & Rear Addition"

Department of Engineering and Building

994 Biddle Avenue

WYANDOTTE, MICHIGAN

PERMIT NO. _____

DATE _____

In accordance with Section 2006 of the Zoning Ordinance, application is hereby made for a

CERTIFICATE OF OCCUPANCY for a

MANUFACTURING BLDG (Addition)
(type of occupancy)

To be used for a

MANUFACTURING FACTORIES
(single, 2-family, multiple dwelling, garage. Kind of business or manufacture)

On Lot No. & Sub'd. _____

Address

1213 GROVE

St. between

13th St

and

11th St.

Distance to lot line: Front

Minimum side

Total side

Rear

PLOT PLAN

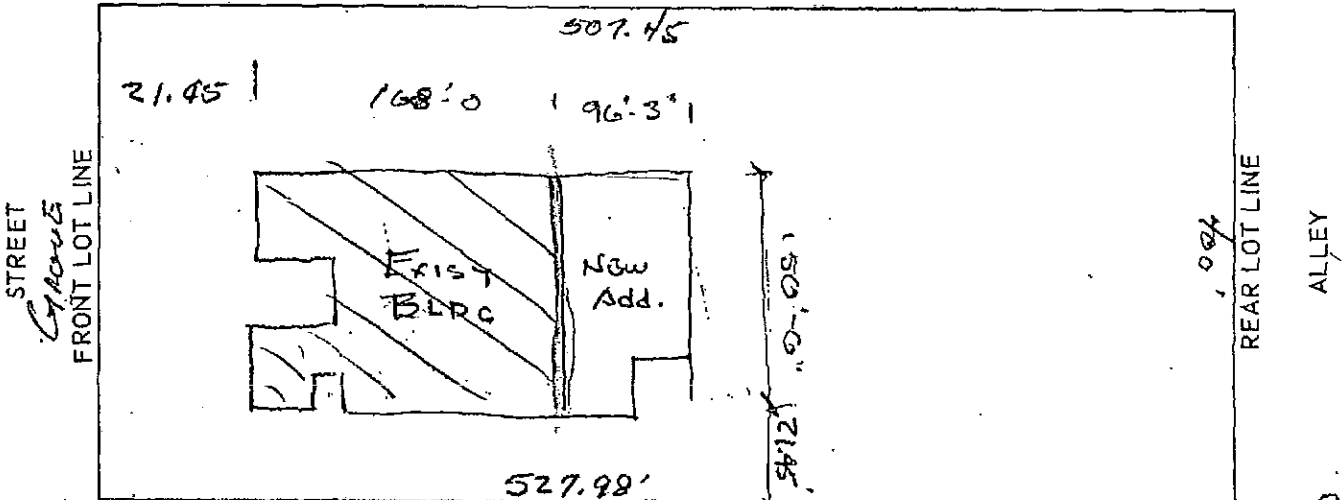
NOTE:

SHOW SIZE OF ALL BUILDINGS AND YARD DIMENSIONS ON PLOT. ALSO DESIGNATE VEHICLE STORAGE SPACE.

INSIDE LOT LINE (X)

SIDE STREET ()

OR ALLEY ()



INSIDE LOT LINE ()

SIDE STREET (X) 13th

OR ALLEY ()

OWNER

DETROIT TUBULAR PIPE CO

SIGNED

THE GARRISON CO. E. J. Gullen
(AGENT)

ADDRESS

1213 GROVE ST

ADDRESS

8555 CAPITAL AVE

PHONE NO.

PHONE NO.

548-0838

FOR OFFICE USE ONLY

Zoning District

M-2

Height of Structure

EXISTING = 18, 135

Number of Stories

Total area of existing & proposed structures

ADDN. = 13,248 = 31,383 Sq. Ft.

Size of Lot

VARIABLE

Maximum Area of Occupancy

Sq. Ft.

Area of Lot in Sq. Ft.

81,645

Parking Provided for: REQ

93,500

Parking Required: 63,510

Approved by: M. E. J.

Refused because of non-compliance to Section: _____

"Existing Mfg. Bldg. & Addition"

Department of Engineering and Building

994 Biddle Avenue
WYANDOTTE, MICHIGAN

PERMIT NO. 18608

DATE

In accordance with Section 700.43 of the Zoning Ordinance, application is hereby made for a

CERTIFICATE OF OCCUPANCY for a Office Building

(type of occupancy)

To be used for a Office For Light Manufacturing Firm

(single, 2-family, multiple dwelling, garage, Kind of business or manufacture)

On Lot No. & Sub'd. See attached legal discription

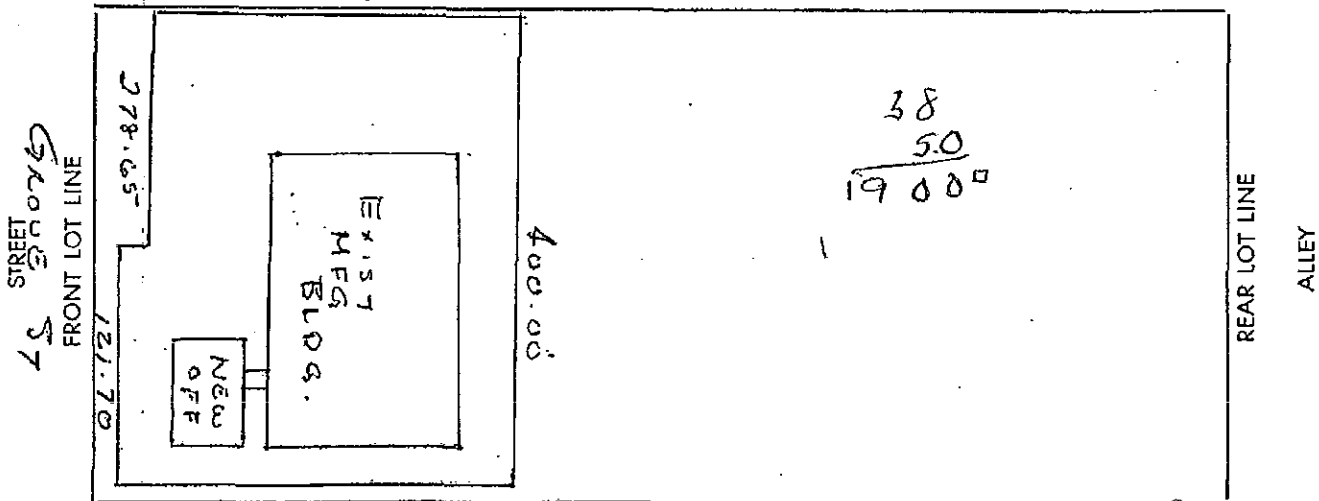
Address 1213 Grove St. St. between 11th and 13th.

Distance to lot line: Front 27 Minimum side 21.45 Total side 21.45 Rear 29.6

PLOT PLAN

NOTE: SHOW SIZE OF ALL BUILDINGS AND YARD DIMENSIONS ON PLOT, ALSO DESIGNATE VEHICLE STORAGE SPACE.

INSIDE LOT LINE () 204.47' SIDE STREET () OR ALLEY ()



INSIDE LOT LINE () 225.00' SIDE STREET () 13th OR ALLEY ()

OWNER Detroit Tubular Rivets

SIGNED

Edward J. Lee
(AGENT OR OWNER)

ADDRESS 13697 Toledo Rd. Southgate Mich ADDRESS 8555 Capital Oak Park Mich

NOT TO BE FILLED IN BY APPLICANT BELOW THIS LINE

Zoning Information for Office Use Only

Zoning District M2 Height of Structure _____ Number of Stories _____

Total area of existing & proposed structures 18135 1900 = 10,035 Sq. Ft. Size of Lot _____

Maximum Area of Occupancy _____ Sq. Ft. Area of Lot in Sq. Ft. _____

Parking _____

Approved by: AEJ Refused because of non-compliance to Section _____

"office area, attached to factory bldg."

NOTE: Issued in accordance with Sec. 6.02, Par. #3 (this is an attached bldg, sep. by a fire wall)

Department of Engineering and Building

994 Biddle Avenue
WYANDOTTE, MICHIGAN

PERMIT NO.

DATE April 26, 1963

In accordance with Section 700.43 of the Zoning Ordinance, application is hereby made for a

CERTIFICATE OF OCCUPANCY for a Light manufacturing
(type of occupancy)

To be used for a manufacturing and machining of rivets
(single, 2-family, multiple dwelling, garage. Kind of business or manufacture)

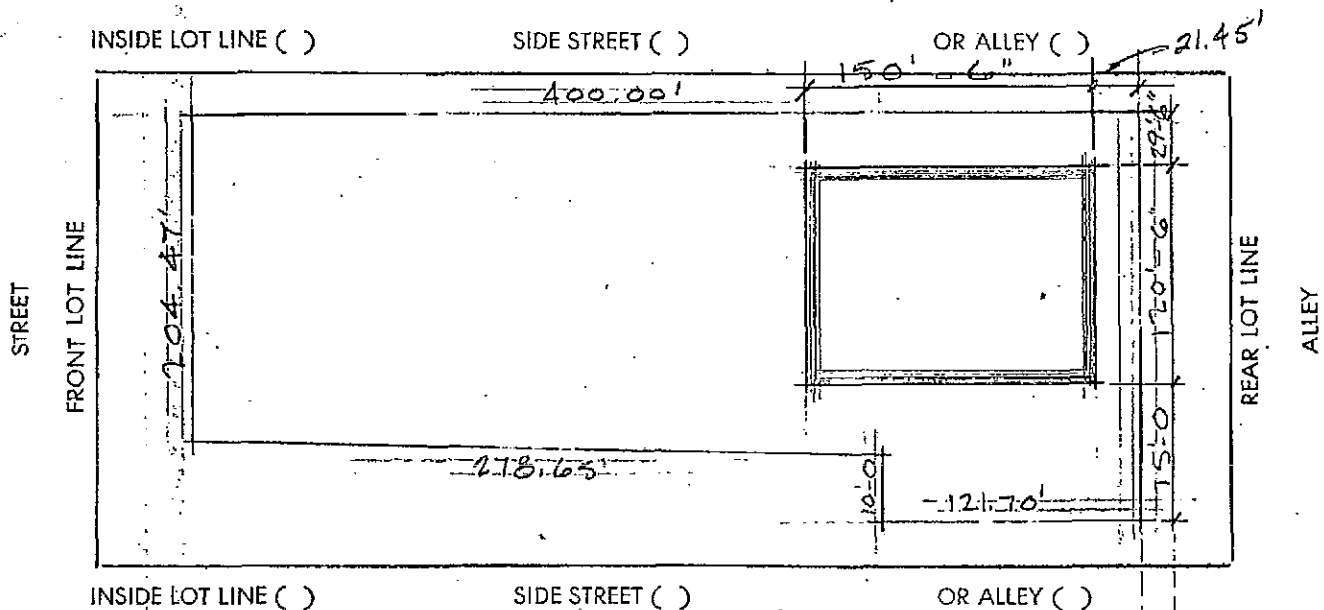
On Lot No. & Sub'd. refer to plans submitted for legal description

Address S/E corner of Grove and 13th (1213-GROVE) St. between and

Distance to lot line: Front 75' Minimum side 21.45' Total side Rear 29.5'

PLOT PLAN

NOTE: SHOW SIZE OF ALL BUILDINGS AND YARD DIMENSIONS ON PLOT, ALSO DESIGNATE VEHICLE STORAGE SPACE.



OWNER Detroit Tubular Rivets SIGNED Garrison Buildings, Inc.
(AGENT OR OWNER)
ADDRESS 13697 Toledo, Southgate, Michigan ADDRESS 8555 Capital Avenue, Oak Park, Mich.

NOT TO BE FILLED IN BY APPLICANT BELOW THIS LINE

Zoning Information for Office Use Only

Zoning District M2 Height of Structure Number of Stories VARIABLE - SEE DESC. ON PLAN.
Total area of existing & proposed structures 18,135 Sq. Ft. Size of Lot PLATTED LAND = 23,266
Maximum Area of Occupancy Sq. Ft. Area of Lot in Sq. Ft. UNPLATTED " = 58,379
Parking REQUIRED = 9250 PARKING PROVIDED = 63,510
LOADING " = 500

Approved by: Refused because of non-compliance to Section

"Proposed light Manufacturing Plant."

DEPARTMENT OF ENGINEERING AND BUILDING

City of Wyandotte, Michigan

Certificate of Occupancy No. 3

Final inspection has been made on the Building at 1213 Grove Street same to be occupied as a Light Mfg. Plant and this is to certify that said structure was made to comply with all requirements of the Building and Safety Code, the Zoning Ordinances of this City, and the Wyandotte Housing Code. This certificate issued in accordance with Sections 113 and 121.0 of the Building and Safety Code, and Section 2003 of the Wyandotte Zoning Ordinance. This certificate is revocable if changes in occupancy or construction shall be made without further approval after this date.

Issued April 14, 1964 By M. E. Janice Building Inspector

This permit conveys no right to occupy any Street, Alley or Sidewalk, or any part thereof, either temporarily or permanently.

Telephone
Avenue 4-6313

City of Wyandotte, Michigan
Department of Engineering and Building
994 Biddle Avenue

No 18608

BUILDING PERMIT

September 13, 1963

Permission is hereby granted to
Garrison Buildings, Inc. 8555 Capital, Oak Park

For Office Building At 1213 Grove Streets
Between 11th and 13th

Legally described as see Master File

Building to be 50 ft. wide by 38 ft. long, by 400.35 X 225.00

This permit is granted on the express condition that the said construction shall, in all respects, conform to the Ordinances of the City of Wyandotte, regulating the construction of buildings, and may be revoked at any time upon the violation of any of the provisions of said Ordinances. The approval of plans, procured by misrepresentation of facts or conditions, misstatements in application, or through improper or erroneous action of any officer or employee of this department, does not legalize an illegal construction, arrangement or condition.

Zoning District M2 Estimated Cost \$ 30,800.00 Fee, \$ 68.00

Owner Detroit Tubular Rivets

Address

Remarks:

Maurice E. Jarkis
Building Inspector

jfm

INSPECTOR'S COPY

Revised 1-1-53

CITY OF WYANDOTTE, MICHIGAN
DEPARTMENT OF ENGINEERING AND BUILDING
994 Biddle Avenue

Sewer Connection Permit No. 6441

Location 1213 - Grove (Number) 5-31-63 (Date)

THIS PERMIT when properly signed, grants permission

TO Ed. Stockline (Name) 1840 Lindbergh (Address)

to connect with sewer at _____ (Lot number and Subdivision)

Said connection shall be made Sewer Connected to
997 and 1001 N. side of Grove St at alley East B. 14th

INSPECTION RECORD

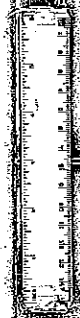
Date Approved: 5-5-63

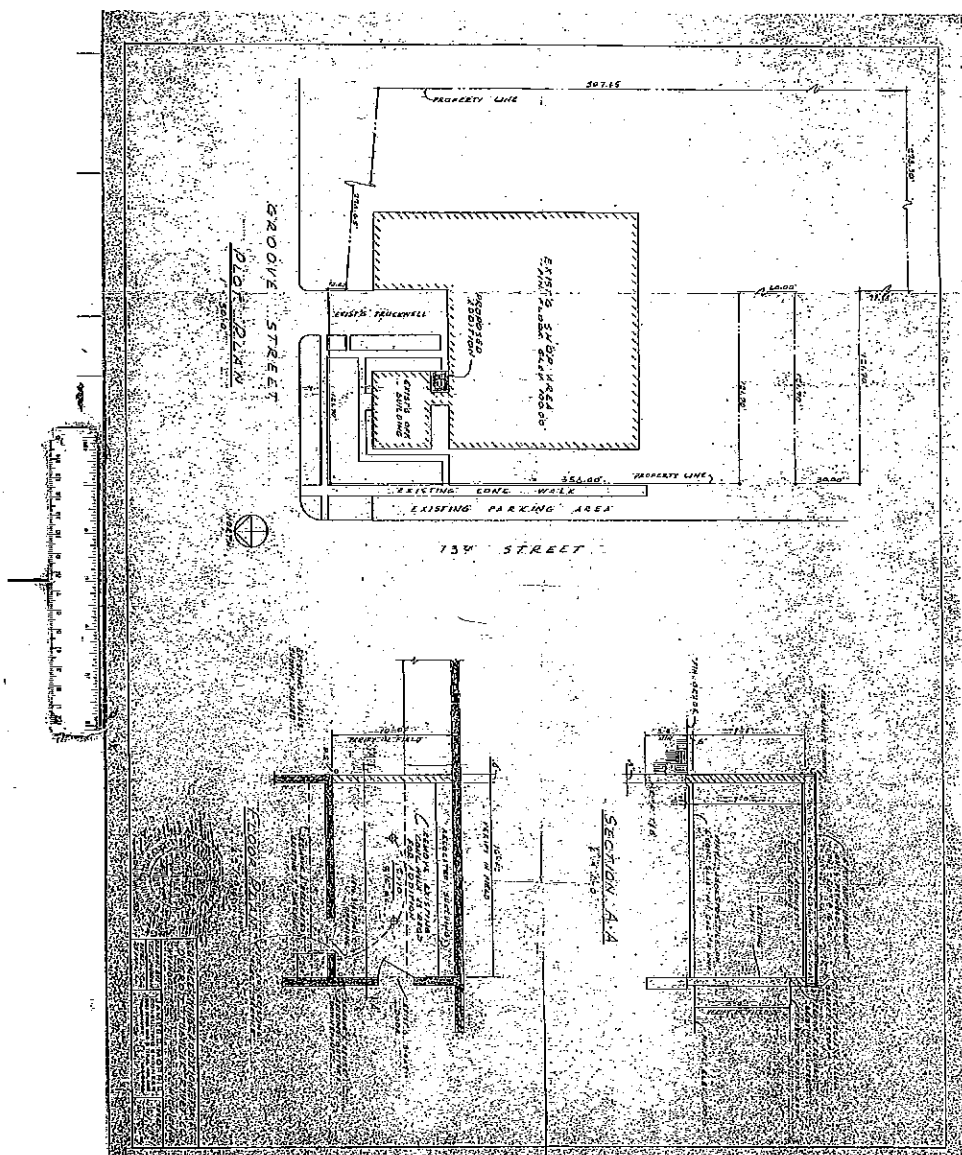
Signed: W. C. Hays

J. J. Seaks Permit Clerk
Total Fee \$4.00
5.00

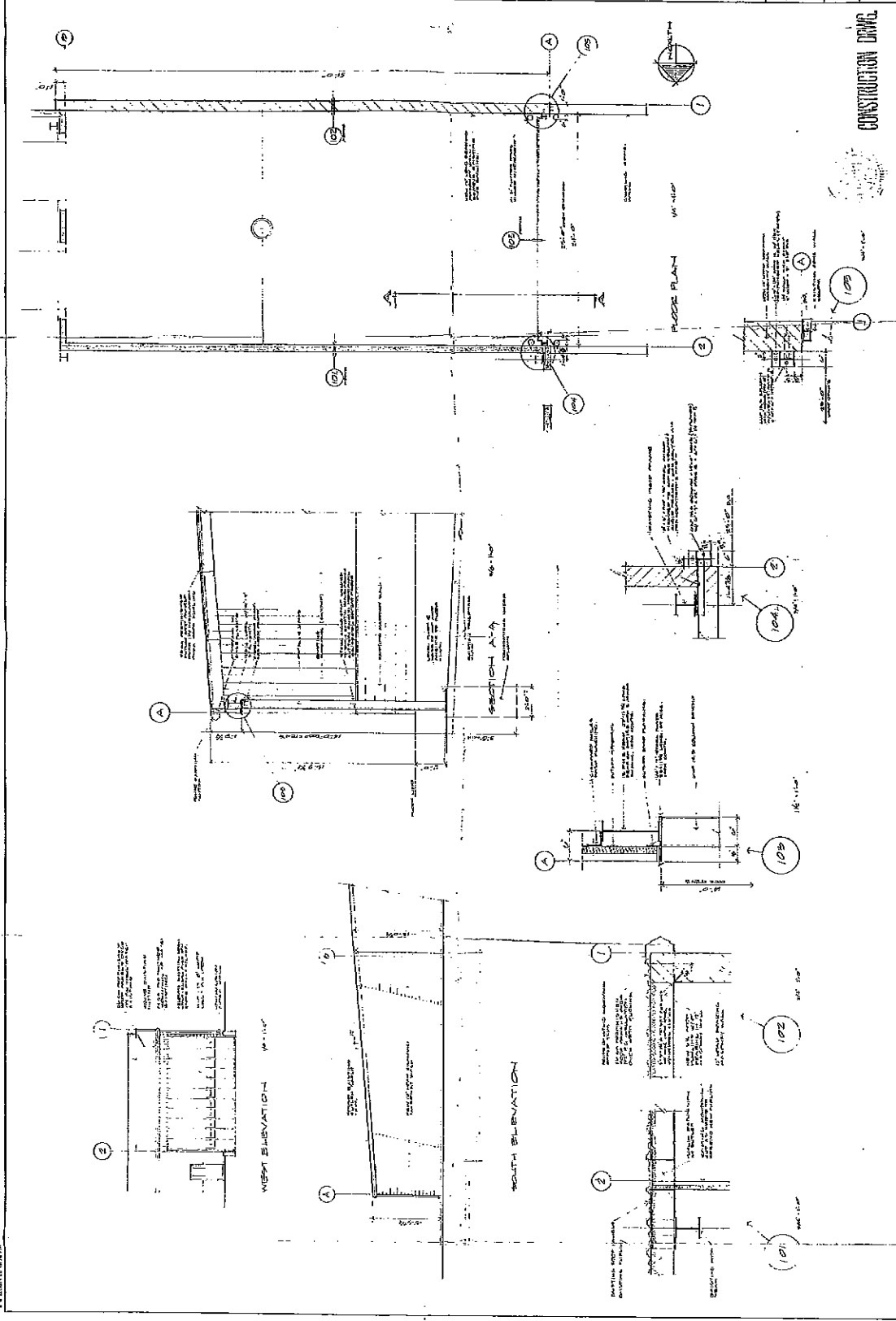
New Drawing(s)

Address: 1213 Grove





CONSTRUCTION DRAWING SHEET NO. 1 DATE: 1-2-20 DRAWN BY: [Signature] CHECKED BY: [Signature]		PETROTT TUBULAR RIVETS WABASH, MICHIGAN PROJECT NO. 1-2-20 DRAWING NO. 1-2-20		THE GARRISON CO. DESIGNERS-ENGINEERS-BUILDERS 1000 N. 10TH ST. WABASH, MICHIGAN	
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WYANDOTTE, MICHIGAN

520

FOUNDATION PLAN

WALL SECTION

NOVEL ELEVATION

10.1.84/1
WOLFGANG JENSE

2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300 2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346 2347 2348 2349 2350 2351 2352 2353 2354 2355 2356 2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2367 2368 2369 2370 2371 2372 2373 2374 2375 2376 2377 2378 2379 2380 2381 2382 2383 2384 2385 2386 2387 2388 2389 2390 2391 2392 2393 2394 2395 2396 2397 2398 2399 2400 2401 2402 2403 2404 2405 2406 2407 2408 2409 2410 2411 2412 2413 2414 2415 2416 2417 2418 2419 2420 2421 2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2435 2436 2437 2438 2439 2440 2441 2442 2443 2444 2445 2446 2447 2448 2449 2450 2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466 2467 2468 2469 2470 2471 2472 2473 2474 2475 2476 2477 2478 2479 2480 2481 2482 2483 2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497 2498 2499 2500 2501 2502 2503 2504 2505 2506 2507 2508 2509 2510 2511 2512 2513 2514 2515 2516 2517 2518 2519 2520 2521 2522 2523 2524 2525 2526 2527 2528 2529 2530 2531 2532 2533 2534 2535 2536 2537 2538 2539 2540 2541 2542 2543 2544 2545 2546 2547 2548 2549 2550 2551 2552 2553 2554 2555 2556 2557 2558 2559 2560 2561 2562 2563 2564 2565 2566 2567 2568 2569 2570 2571 2572 2573 2574 2575 2576 2577 2578 2579 2580 2581 2582 2583 2584 2585 2586 2587 2588 2589 2590 2591 2592 2593 2594 2595 2596 2597 2598 2599 2600 2601 2602 2603 2604 2605 2606 2607 2608 2609 2610 2611 2612 2613 2614 2615 2616 2617 2618 2619 2620 2621 2622 2623 2624 2625 2626 2627 2628 2629 2630 2631 2632 2633 2634 2635 2636 2637 2638 2639 2640 2641 2642 2643 2644 2645 2646 2647 2648 2649 2650 2651 2652 2653 2654 2655 2656 2657 2658 2659 2660 2661 2662 2663 2664 2665 2666 2667 2668 2669 2670 2671 2672 2673 2674 2675 2676 2677 2678 2679 2680 2681 2682 2683 2684 2685 2686 2687 2688 2689 2690 2691 2692 2693 2694 2695 2696 2697 2698 2699 2700 2701 2702 2703 2704 2705 2706 2707 2708 2709 2710 2711 2712 2713 2714 2715 2716 2717 2718 2719 2720 2721 2722 2723 2724 2725 2726 2727 2728 2729 2730 2731 2732 2733 2734 2735 2736 2737 2738 2739 2740 2741 2742 2743 2744 2745 2746 2747 2748 2749 2750 2751 2752 2753 2754 2755 2756 2757 2758 2759 2760 2761 2762 2763 2764 2765 2766 2767 2768 2769 2770 2771 2772 2773 2774 2775 2776 2777 2778 2779 2780 2781 2782 2783 2784 2785 2786 2787 2788 2789 2790 2791 2792 2793 2794 2795 2796 2797 2798 2799 2800 2801 2802 2803 2804 2805 2806 2807 2808 2809 2810 2811 2812 2813 2814 2815 2816 2817 2818

مجلس الشورى

NAME OF COMPANY _____

306 Third Street S.W.

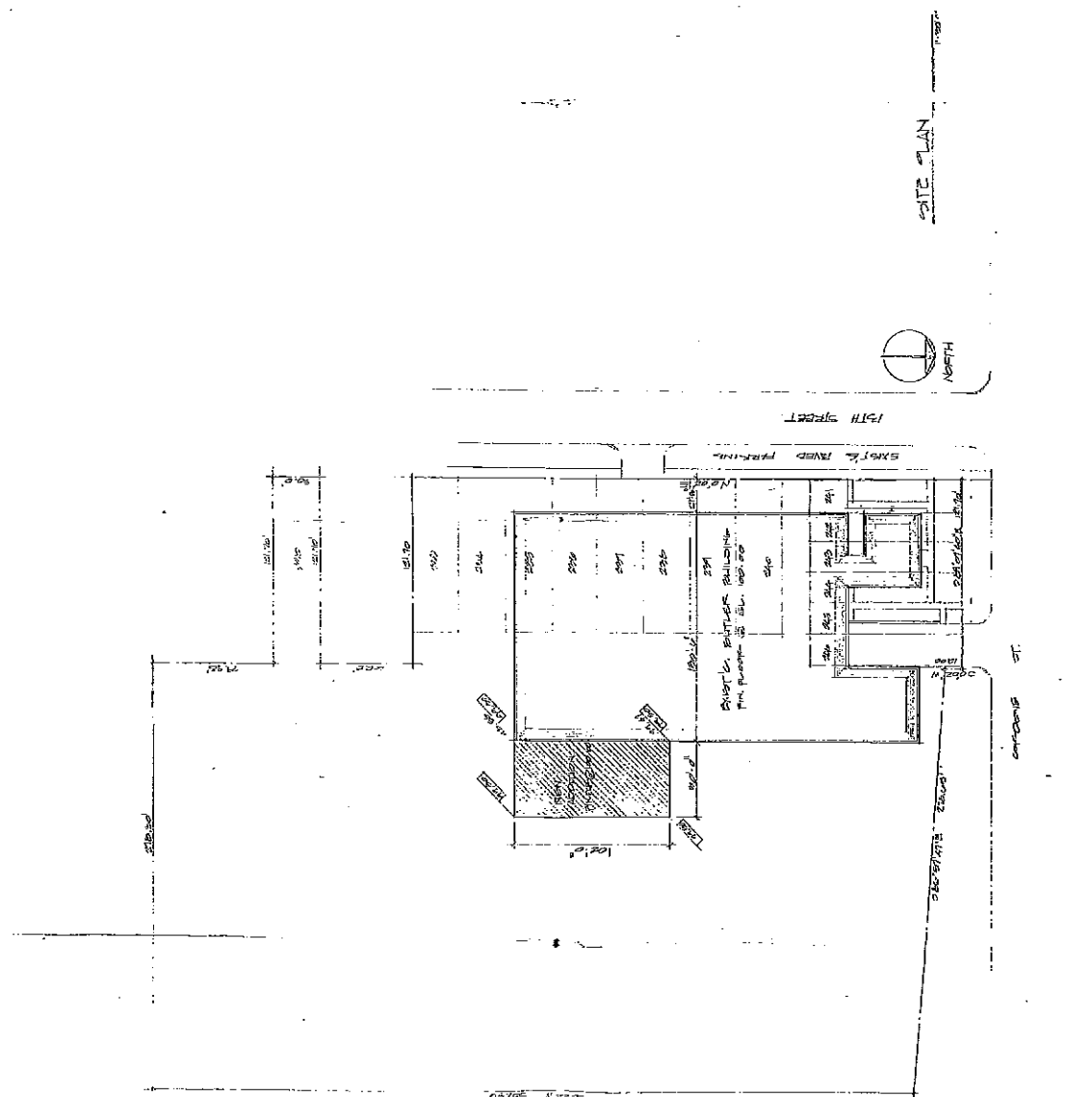
St. Paul, Minn.

NAME OF COMPANY _____

1000 Broadway

St. Paul, Minn.

— LINE OF CHARGE: 00000.



Notes:
1. The following is a list of the names of the persons who have been identified as having been in contact with the subject of this investigation during the period of the investigation.
2. The following is a list of the names of the persons who have been identified as having been in contact with the subject of this investigation during the period of the investigation.

STATE OF MICHIGAN



JOHN ENGLER, GOVERNOR
DEPARTMENT OF STATE POLICE
COL. MICHAEL D. ROBINSON, DIRECTOR

HM 051-91

44265 Plymouth Oaks Blvd.
Plymouth, MI 48170-2585

T 734-755-8600
F 734-455-8608
www.michigan.gov
FIRE MARSHAL DIVISION
HAZARDOUS MATERIAL SECTION
3705 WEST JOLLY ROAD
P.O. BOX 30187
LANSING, MICHIGAN 48909

PHONE: 517 334-7079
FAX: 517 882-0150

Date: 8-8-91

JIM THOMAS
DETROIT TUBULAR RIVET
1213 GROVE
WYANDOTTE, MI
48192

Re: Site Assessment Report
ID # 3511

Dear M.R. THOMAS:

This letter is in reference to the lab analysis submitted for the
REMOVAL OF 2-2000 GALLON UST SYSTEM

The test methodology and level of detection of the methodology are
INADEQUATE. The contaminant concentrations are below the
threshold detection levels and there is no evidence of a confirmed release.
Based on the submitted information, no further information/action is
required.

If you have any further questions, please contact me at (517) 334-7079.

Sincerely,

Capt. Wade E. Schaefer
State Fire Marshal

Andrea R. Zajac

Andrea R. Zajac, Manager
Technical Review Unit

ARZ:s



MICHIGAN STATE POLICE FIRE MARSHAL DIVISION

UST PROGRAM

NOTIFICATION OF UST REMOVAL/CLOSURE

Sec. 280.71(a) EPA Rules

Date Received 3/5/91 Person Receiving Information Jerry

Facility ID Number not registered 35111

Location of Tanks

Company Name Detroit Tubular Rivet

Address 1213 Grove

City/State/Zip Wyandotte, 48192

County Wayne Township _____

Contact Person Jim Thomas Phone: 313/282-7980

Company Mailing Address _____

Tank Information

Date Tanks are to be Removed 4/5/91

Number of Tanks to be Removed 1

Capacity/Product Stored:

1 1000 mineral spirits 2 _____ 3 _____

4 _____ 5 _____ 6 _____

Company Doing Removal

Name _____

Address _____

City/State/Zip _____

Copy of this Form Sent To: DNR (field) ☒ FD (information only) _____

Confirmation letter Sent (owner/operator): Date 4-8-91

Site Assessment Received 7/30/91

****INTERNAL USE ONLY****

RELEASE REPORT



TO: MICHIGAN STATE POLICE
FIRE MARSHAL DIVISION
HAZARDOUS MATERIALS SECTION
3705 W. JOLLY ROAD
P.O. BOX 30167
LANSING, MICHIGAN 48909
ATTN: TERRI HARMON

CONTRACTOR: INLAND WATERS POLLUTION CONTROL
2021 S. SCHAEFER HIGHWAY
DETROIT, MICHIGAN 48217
313-841-6800 (24 HOUR SERVICE)
800-992-9118

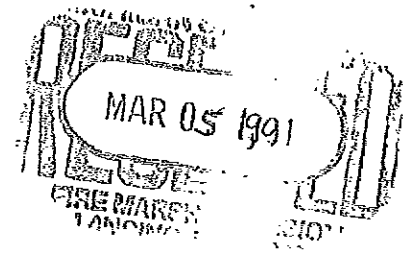
SUSPECTED / CONFIRMED (CHECK ONE BOX)

AMOUNT 1000 GAL. / YDS.

MATERIAL DESCRIPTION 70% WATER 30% MINERAL SPIRITS

LOCATION OF TANKS:

COMPANY NAME: DETROIT TUBULAR RIVER
ADDRESS: 1213 GROVE
CITY/STATE/ZIP: WYANDOTTE, MICH 48192
COUNTY: WAYNE
TOWNSHIP: _____



OWNER

CONTACT PERSON: GERALD KEAST (OWNER)
(NOT CONTRACTOR OR CONSULTANT)
PHONE NUMBER: 1-313-282-7980
MAILING ADDRESS: _____
(IF DIFFERENT THAN LOCATION)
CITY/STATE/ZIP: _____
COUNTY/TOWNSHIP: _____

TANK INFORMATION

SIZE / PRODUCT STORED / MATERIAL OF CONSTRUCTION: 1000 GAL - MINERAL SPIRITS - STEEL

REASON FOR BELIEVING A RELEASE HAS OCCURRED? (EXAMPLE: FAILED TANK TIGHTNESS TEST, PRODUCT OR VAPORS IN SOIL, SITE ASSESSMENT SHOWED CONTAMINATION, ETC.)

NA

EMERGENCY ACTION TAKEN IF ANY:

NA

GENERATOR SIGNATURE: Jim Thomas TITLE SUPERVISOR DATE 3-4-91

REMOVAL NOTICE

TO: MICHIGAN STATE POLICE
FIRE MARSHALL DIVISION
HAZARDOUS MATERIALS SECTION
3706 W. JOLLY ROAD
P.O. BOX 30167
LANSING, MICHIGAN 48909
ATTN: TERRI HARMON

CONTRACTOR: INLAND WATERS POLLUTION CONTROL
2021 S. SCHAEFER HIGHWAY
DETROIT, MICHIGAN 48217
313-841-6800 (24 HOUR SERVICE)
800-992-9118

LOCATION OF TANKS

COMPANY NAME:

ADDRESS:

CITY/STATE/ZIP:

COUNTY:

TOWNSHIP:

DETROIT TUBULAR RIVET
1213 GROVE ST.
WYANDOTTE, MICH 48192
WAYNE

OWNER

CONTACT PERSON:

(NOT CONTRACTOR OR CONSULTANT)

PHONE NUMBER:

MAILING ADDRESS:

(IF DIFFERENT THAN LOCATION)

CITY/STATE/ZIP:

COUNTY/TOWNSHIP:

GERALD KEAST - JIM THOMAS

282-7980

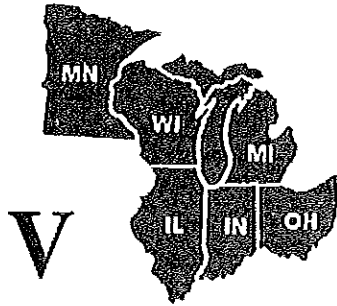
GENERATOR SIGNATURE:

DATE

CONTRACTOR SIGNATURE:

DATE

Jim Thomas 3/4/91



COUSINS ENVIRONMENTAL SERVICES

1801 Matzinger Road
Toledo, Ohio 43612

- A Division Of -

COUSINS WASTE CONTROL CORPORATION

(419) 726-1500

July 17, 1991

Detroit Tubular Rivet
1213 Grove Street
Wyandotte, OH 48192
ATTN: Mr. Jim Thomas

Dear Mr. Thomas,

This is the report for the removal of two underground storage tanks from Detroit Tubular Rivet Company. It is the responsibility of the owner of a UST to submit this report to the address listed within it. Please be sure to retain one copy for your records. If you have any additional information that I did not include in this report, please make a copy of it and send it along with the copy that goes to the state. Thank you once again for the opportunity to provide these environmental services to Detroit Tubular Rivet and we hope to provide any future services you may need.

Thank you,

Mario M. Moreno

Mario M. Moreno.
Project Manager

A/ska1

CLOSURE REPORT
FOR
UNDERGROUND STORAGE TANK

July 17, 1991

Submitted to:

Mr. Jim Thomas

DETROIT TUBULAR RIVET COMPANY
1213 Grove Street
Wyandotte, MI 48192

Submitted by:

Mr. Mario M. Moreno

COUSINS ENVIRONMENTAL SERVICES
1801 Matzinger Road
Toledo, OH 43612



INTRODUCTION

The purpose of this closure report is to document the closure and removal of two (2) underground storage tanks (UST's). This report describes the procedures undertaken during the removal and closure assessments for the permanent UST closure. The tank closure included removing two tanks from the ground, and the collection of soil samples for laboratory analysis. The following is the closure assessment report. The owner and/or operator of a UST has the responsibility to submit this report to:

Ms Teri Harmon
Michigan State Police
Fire Marshall Division/UST Program
7150 Harris Drive
Lansing, MI 48913

Cousins Waste Control Corporation, Environmental Services Division coordinated the removal and closure assessment for the owner and operator of the UST; DETROIT TUBULAR RIVET COMPANY. Two tanks were removed from Detroit Tubular located at 1213 Grove St. Wyandotte, MI 48192.

<u>CAPACITY</u>	<u>CONTENTS</u>	<u>TYPE</u>
2/2000 Gals.	Mineral Spirits	Steel

Notification of State Fire Marshal

The Michigan State Police, Fire Marshal Division, UST Program was notified in writing on October 30th with a 30 day letter of Intent to remove the tanks. The 30 day letter is attached.

Local Permits

A permit was obtained from the City of Wyandotte Fire Department on May 30, 1991. A copy of that permit, #132, is included with this report. It must be noted that the permit states two (2) 1000 gallon tanks are to be removed. This is an error, the tanks, as stated earlier, are actually 2000 gallon capacity tanks.

Removal Procedure

A local excavator, Edgar Miller, was contracted by Cousins Waste Control for the removal of the two tanks. Excavation was began on June 3, 1991. On this day the grass and soil above and around the tanks were removed until the upper half of both tanks was exposed. No further excavating was done on this day. The surrounding soil was stored on the job site adjacent to the tank area.

Tank Cleaning

The tanks were emptied of their contents and cleaned on June 4, 1991 by Cousins Waste Control Corporation. The tanks were purged with carbon dioxide until a safe atmosphere was achieved, less than 20 percent lower explosive limit. A 24 inch entry port was cold cut into the two 2000 gallon underground storage tanks using a pneumatically operated steel cutting chisel. This chisel minimizes the possibility of creating a hazardous situation by not producing sparks or heating the tanks in any way. A Cousins field technician trained in confined space entry under OSHA Title 29, Section 910.120 entered the two 2000 gallon tanks cleaning the interior surface of the tanks with a 2400 PSI power washer. A second field technician constantly monitored the air quality within the confined space.

All rinseates generated were pumped out using a vacuum truck and were properly manifested and disposed of in accordance with state and local requirements.

Tank Removal

The tanks were exhumed from the ground on June 4, 1991. Those present during the tank removal included Mario M. Moreno as Project Manager and Mr. Jim Thomas as representative of The Detroit Tubular Rivet Company. Present as fire Inspector and Independent or third party witness was Theodore Dziengelewski of the City of Wyandotte Fire Department. Also present and representing Cousins Waste Control Corporation were Doug Winters as Safety coordinator and operator and field technicians Charles Hartels and Brian Benarth.

Visual Inspection

Upon removal, both tanks were visually inspected to determine their state of condition. It was determined that tank #1 was in good condition. Tank #2, it was determined, did have some pin holes in it, but, taking into consideration that the tanks had been out of service and empty for several years, this would have little impact on the environment. Soil samples from the cavity below the tanks would determine if soil contamination had occurred and if further excavation would be necessary. The steel tanks and associated piping after being power washed and triple rinsed were transported to Downriver Scrap Metal Recyclers at 3901 11th street, Wyandotte, MI 48192. As a result of one tank having small holes, some liquid did collect in the cavity. This liquid was removed with the same vacuum truck that was used to remove the tank cleaning rinseates.

The excavation was visually inspected for the presence of contamination. The cavity revealed no contaminated or stained soil. As a result, no contaminated soil was removed from the excavation.

Closure Sampling

Clearance samples were collected from below where the tanks were situated. A PID (Photo Ion detector) was utilized to determine where contaminated soil might be most prevalent; however, no significant readings were observed. A total of four (4) samples were collected by Mario M. Moreno of Cousins Environmental Services. The clearance samples were collected from the ends of each tank from the floor of the excavation on the same day of removal, June 4, 1991. The samples were retrieved utilizing a trowel designed specifically for this purpose and cleaned and rinsed between sample points so that a contaminated area could be pinpointed and to reduce the possibility of cross contaminating one area with another. The samples were preserved by cooling to 4 degrees celsius. All samples were sent to an Independent EPA approved laboratory for analysis.

For this project, Biological & Environmental Control Laboratories at 615 Front Street, Toledo, Oh 43605 was utilized. The analytical results from the clearance samples, which are included with this report, indicated no analytes above levels of concern; therefore, the excavation was determined to be clean. As a result, no soil required disposal.

Release Reporting

The determination was made that a release of a significant amount of any liquid did not occur while these tanks were underground. This determination was confirmed by the analytical results from the clearance samples. It must

also be noted that at no time during this UST removal was groundwater encountered. What little water that did accumulate in the cavity was a result of the tank cleaning procedure and this water was removed with a Cousins Waste Control vacuum truck immediately upon removal of the UST's.

Excavation Closure

The cavity has been or will be refilled to original ground level, with clean uncontaminated soil.

Enclosures

Included with this report are copies of all permits obtained pertaining to this tank removal, copies of all analytical paperwork including a chain of custody and all test results, manifests generated as a result of liquid disposal, and a site plan indicating the location of the underground storage tanks on this property.

CONCLUSION

Cousins Environmental Services has completed the activities necessary to remove two (2) 2000 gallon underground storage tanks which formerly contained mineral spirits. The tanks were removed from the property of The Detroit Tubular Rivet Company. The activities have included UST removal, closure assessment, clearance sampling and site restoration of backfill to grade. All work has been performed and documented in compliance with all applicable regulations. It is Cousins' recommendation that no further remediation is necessary at this time and that this report be maintained as documentation for the life of the property.

This permit conveys no right to occupy any Street, Alley or Sidewalk, or any part thereof, either temporarily or permanently.

City of Wyandotte, Michigan
Fire Department

Telephone: 246-4401

266 Maple

Permit

No 132

PERMIT

30 May 19 91

Permission is hereby granted to Cousins Waste Control Corp.

For U.S.T. Removal (2-1000 Gal) At 1212 Grove, Wyandotte

Between Eleventh and Thirteenth Streets

NOTE: It is the obligation of the Permit Holder/Owner to call for inspection before tanks or piping are removed or covered. Permits required by other Ordinances such as plumbing, electrical, etc., must be obtained for each type of work.

This permit is granted on the express condition that the said work shall, in all respects, conform to the Ordinances of the City of Wyandotte regulating the removal or installation of storage tanks and may be revoked at any time upon the violation of any of the provisions of said Ordinances. The approval of plans, procured by misrepresentation of facts or conditions, misstatements in application, or through improper or erroneous action of any officer or employee of this department, does not legalize an illegal installation, arrangement, or condition.

Fee \$ N/C

Owner Detroit Tubular Rivet

Address 1213 Grove

Remarks: _____


T. Dziengelewski, Inspector

Customer Copy - White

File Copy - Yellow

Inspector Copy - Pink

Finance Copy - Gold

T. Dziengelewski, Inspector



**MICHIGAN DEPARTMENT
OF NATURAL RESOURCES**

DO NOT WRITE IN THIS SPACE

ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Required under authority of Act 84, P.A. 1979, as amended and Act 138, P.A. 1969.

Failure to file is punishable under section 299.548 MCL (Act 138, P.A. 1969).

Please print or type.

Form Approved. OMB No. 2050-0039 Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. MID 005 373 774	Manifest Document No. 00038	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address Detroit Tubular Rivet Company 1213 Grove St., Wyandotte, MI 48192				A. State Manifest Document Number MI 2397408		
4. Generator's Phone (313) 282-7979				B. State Generator's ID		
5. Transporter 1 Company Name Cousins Waste Control Corp.		6. US EPA ID Number MID 068 081 596		C. State Transporter's ID		
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone 419/726-1500		
9. Designated Facility Name and Site Address Usher Oil Company 9000 Roselawn Dr., Detroit, MI 48204		10. US EPA ID Number MID 016 985 814		E. State Transporter's ID		
				F. Transporter's Phone		
				G. State Facility's ID		
				H. Facility's Phone 313/334-7055		
11. US DOT Description (including Proper Shipping Name, Hazard Class, and HM)			12. Containers	13. Total Quantity	14. Unit Wt/Vol	1. Waste No. N/H
a.	Other Oil		No. Type			
b.	Non-Hazardous		001 1F	932.25	G	021. 1 N
c.						
d.						
J. Additional Descriptions for Materials Listed Above				K. Handling Codes for Wastes Listed Above		
				a/ 1		
				b/ 1		
				c/ 1		
				d/ 1		
15. Special Handling Instructions and Additional Information						
In case of fire: water spray, fog or foam In case of spill: take up with noncombustible absorbent material						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable International and national government regulations.						
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name		Signature		Date		
Jim Thomas		[Signature]		Month Day Year 06/09/91		
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Date		
Printed/Typed Name		Signature		Date		
Douglas K Winters		[Signature]		Month Day Year 06/09/91		
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date		
Printed/Typed Name		Signature		Date		
				Month Day Year		
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.						
Printed/Typed Name		Signature		Date		

N



GROVE ST.

UST'S



GATE

LOADING
DOCK

PARKING

DETROIT TUBULAR RIVET

13 TH. ST.

COUSINS

ENVIRONMENTAL SERVICES

Toledo, Ohio

DETROIT TUBULAR RIVET

SITE LOCATION				INTERVAL
CONTROL	DRAWN BY	DATE	REVISED	SCALE
9105042	DP	6/28/91		N 1/11



CHAIN OF CUSTODY RECORD

615 front street
toledo, ohio 43605
(419) 693-5307

1632 enterprise parkway
twinsburg, ohio 44087
(216) 425-8200

CLIENT NAME

Control

SAMPLERS: (SIGNATURE)

Mani. m. oreo

[illegible]

Cousins
1801 E. Matzinger Road
Toledo, OH 43612

ATTN: Mario M. Moreno



biological & environmental control laboratories, inc.
616 front street
toledo, ohio 43605
(419) 693-6307
1632 enterprise parkway
louisburg, ohio 44087
(216) 426-8200

lab no.	91T06505
po no.	5326

sample
description: Tank Removal - Project # 9105642 - Station # 3 - Detroit Tubular Rivet,
1213 Grove Street, Wyandotte, MI - 6/4/91 @ 1400

analysis: BTEX

procedure: The sample was analyzed as outlined in US EPA "Test Methods for
Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third
Edition, November, 1986, Method 8020.

results:	Benzene	less than 2 ug/Kg
	Toluene	less than 2 ug/Kg
	Ethylbenzene	less than 2 ug/Kg
	m-Xylene	less than 2 ug/Kg
	p-Xylene	less than 2 ug/Kg
	o-Xylene	less than 2 ug/Kg

Surrogate Recovery

a,a,a-Trifluorotoluene	102%
------------------------	------

date completed 6/12/91	lab CAW	approved by <i>Charles J. Hunt</i>
---------------------------	------------	---------------------------------------

Cousins
1801 E. Matzinger Road
Toledo, OH 43612



ATTN: Mario M. Moreno

biological & environmental control laboratories, inc.

615 front street
toledo, ohio 43605
(419) 693-5307

1632 enterprise parkway
twinsburg, ohio 44087
(216) 425-8200

lab no.	91T06505
po. no.	5326

sample

description: Tank Removal - Project # 9105642 - Station # 3 - Detroit Tubular Rivet,
1213 Grove Street, Wyandotte, MI - 6/4/91 @ 1400

results:

<u>Analyte</u>	<u>Method</u>	<u>Result</u>
Total Petroleum Hydrocarbons	EPA-600, 418.1	less than 10 mg/Kg

date completed
6/6/91

lab
LKL

approved by

Calvin J. Thier

Cousins
1801 E. Matzinger Road
Toledo, OH 43612

ATTN: Mario M. Moreno



biological & environmental control laboratories, Inc.
615 front street
toledo, ohio 43605
(419) 693-6307
1632 enterprise parkway
twinsburg, ohio 44087
(216) 426-8200

lab no:	91T06506
po no:	E326

sample
description: Tank Removal - Project # 9105642 - Station # 1 - Detroit Tubular Rivet,
1213 Grove Street, Wyandotte, MI - 6/4/91 @ 1400

analysis: BTEX

procedure: The sample was analyzed as outlined in US EPA "Test Methods for
Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third
Edition, November, 1986, Method 8020.

results:	Benzene	less than 2 ug/Kg
	Toluene	less than 2 ug/Kg
	Ethylbenzene	less than 2 ug/Kg
	m-Xylene	less than 2 ug/Kg
	p-Xylene	less than 2 ug/Kg
	o-Xylene	less than 2 ug/Kg

Surrogate Recovery

a,a,a-Trifluorotoluene	97.3%
------------------------	-------

date completed: 6/11/91	tech: CAW	approved by: <i>J. E. Ruffma</i>
----------------------------	--------------	-------------------------------------

Cousins
1801 E. Matzinger Road
Toledo, OH 43612

ATTN: Mario M. Moreno



biological & environmental control laboratories, inc.
615 front street
toledo, ohio 43605
(419) 693-5307
1632 enterprise parkway
twinsburg, ohio 44087
(216) 425-8200

lab no.	91T06506
p.o. no.	5326

sample
description: Tank Removal - Project # 9105642 - Station # 1 - Detroit Tubular Rivet,
1213 Grove Street, Wyandotte, MI - 6/4/91 @ 1400

results:	Analyte	Method	Result
	Total Petroleum Hydrocarbons	EPA-600, 418.1	less than 10 mg/Kg

date completed:
6/6/91

tech
LKL

approved by:

Cousins
1801 E. Matzinger Road
Toledo, OH 43612

ATTN: Mario M. Moreno



biological & environmental control laboratories, Inc.
615 front street
toledo, ohio 43605
(419) 693-5307
1632 enterprise parkway
twinsburg, ohio 44087
(216) 425-8200

lab no.	91T06507
p.o. no.	5326

sample
description: Tank Removal - Project # 9105642 - Station # 2 - Detroit Tubular Rivet,
1213 Grove Street, Wyandotte, MI - 6/4/91 @ 1400

analysis: BTEX

procedure: The sample was analyzed as outlined in US EPA "Test Methods for
Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third
Edition, November, 1986, Method 8020.

results:	Benzene	less than 2 ug/Kg
	Toluene	10.0 ug/Kg
	Ethylbenzene	less than 2 ug/Kg
	m-Xylene	less than 2 ug/Kg
	p-Xylene	less than 2 ug/Kg
	o-Xylene	less than 2 ug/Kg

Surrogate Recovery

a,a,a-Trifluorotoluene	98.4%
------------------------	-------

date completed 6/11/91	tech CAW	approved by <i>J. E. Klupfme</i>
---------------------------	-------------	-------------------------------------

Cousins
1801 E. Matzinger Road
Toledo, OH 43612

ATTN: Mario M. Moreno



biological & environmental control laboratories, inc.
615 front street
toledo, ohio 43605
(419) 693-5307
1632 enterprise parkway
twinsburg, ohio 44087
(216) 425-8200

lab no.	91T06507
port no.	5326

sample
description: Tank Removal - Project # 9105642 - Station # 2 - Detroit Tubular Rivet,
1213 Grove Street, Wyandotte, MI - 6/4/91 @ 1400

results:	Analyte	Method	Result
	Total Petroleum Hydrocarbons	EPA-600, 418.1	less than 10 mg/Kg

date completed: 6/6/91	tech: LKL	approved by: <i>J. E. Nuffman</i>
---------------------------	--------------	--------------------------------------

COUSINS ENVIRONMENTAL SERVICES

1801 Matzinger Road
Toledo, Ohio 43612

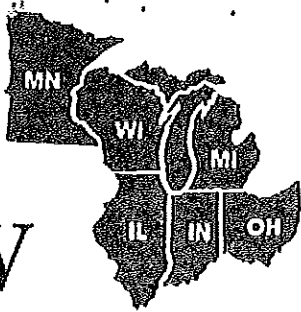
35111

- A Division Of -

COUSINS WASTE CONTROL CORPORATION

(419) 726-1500

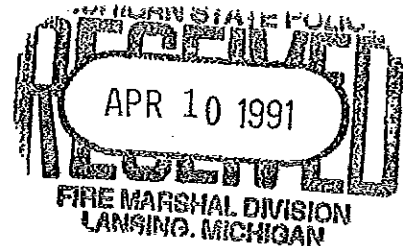
V



April 2, 1991

Department of State Police
Fire Marshall Division
Hazardous Material Section
3705 West Jolly Road
Lansing, MI 48909
Attn: Mr. David T. Smith

RE: Detroit Tubular Rivet
1213 Grove
Wyandotte, MI 48192



*Spoke
w/ owner.
He was trying to
give removal
notice not
release.*

Dear Mr. Smith:

I am writing this letter in behalf of Detroit Tubular Rivet. I was recently requested to submit a quote to Detroit Tubular Rivet for the removal of two underground storage tanks.

At the time of my visit with Detroit Tubular Rivet, I informed them of the need to submit a request for permit to remove and a 30 day notice of intent to remove their underground storage tanks, which they have since did so.

On March 5, 1991 your office received a report of suspected release and we have reason to believe that this report was submitted falsely by a disgruntled excavating company. The incident number is C-0403-91. The fact that the person reporting the release is not named is also an indication that the report was falsely submitted.

Mr. Jim Thomas of Detroit Tubular Rivet has informed me that the tanks still remain underground at this time, and that there has not been any excavating done. Therefore, it is impossible to know if a release has occurred from these tanks. Also, Mr. Thomas has indicated that when the tanks are removed if a release has occurred a factual report will be submitted immediately. Until then we ask that report number C-0403-91, please be dismissed as a false report. A copy of this report is included with this letter.

Thank you for your attention to this matter. If you have any questions, please do not hesitate to call.

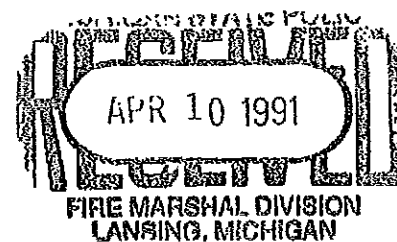
Sincerely,

Mario M. Moreno

Mario M. Moreno
Project Manager

Enclosure

MMM:cw



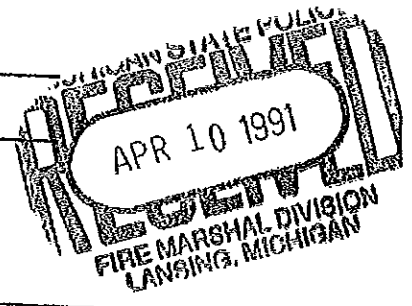
VIOLATION
didn't notify w/in
24 hours

MICHIGAN STATE POLICE FIRE MARSHAL DIVISION
UST PROGRAM
SUSPECTED/CONFIRMED RELEASE

Facility ID Number not registered Incident Number C-0403-91

Person Reporting Release _____

Company/Contractor Name _____



Location of Release

Facility Name Detroit Tubular Rivet

Address 1213 Grove

City/State/Zip Wyandotte, 48192

County Wayne Township _____

Company Mailing Address

Name _____

Address _____

City/State/Zip _____

Contact Person Gerald Keast

FAX 313-282-7318

Phone # 313/282-7980

RECEIVED BY
MICHIGAN STATE POLICE
FIRE MARSHAL DIVISION

Release Information

Date and Time Release Known _____

Tank: FRP Steel Composite Capacity 1,000

Substance and Amount Released mineral spirits

Site Condition (Circle reason for believing a leak may have/has occurred)

Presence of product/vapors in soil/basements/failed tank tightness test

Unusual operating conditions/site assessment showed contamination

Other _____

Copy of this form sent to: DNR ☒ FD (info only) ☐ DMB ☒

Date/Time Received 3/5/91

Person Receiving Information Jeri

tx / fax / voice mail
came through mail
w/ fax info. of
2/28/91 at 40%.

VIOLATION
didn't notify w/in
24 hours

35111

Cancel

MICHIGAN STATE POLICE FIRE MARSHAL DIVISION
UST PROGRAM
SUSPECTED/CONFIRMED RELEASE

Facility ID Number not registered Incident Number C-0403-91

Person Reporting Release _____

Company/Contractor Name _____

No release
was trying to
give removal
notice!

Location of Release

Facility Name Detroit Tubular River

Address 1213 GROVE

City/State/Zip Wyandotte, 48192

County Wayne Township _____

Company Mailing Address

Name _____

Address _____

City/State/Zip _____

Contact Person Gerald Keast Phone # 313/282-7980

Release Information

Date and Time Release Known _____

Tank: FRP (Steel) Composite Capacity 1,000

Substance and Amount Released mineral spirits

Site Condition (Circle reason for believing a leak may have/has occurred)

Presence of product/vapors in soil/basements/failed tank tightness test

Unusual operating conditions/site assessment showed contamination

Other _____

Copy of this form sent to: DNR ☒ FD (info only) _____ DMB ☒

Date/Time Received 3/5/91

Person Receiving Information Jeri

tx / fax / voice mail

came through mail
w/ fax info. of

2/28/91 at top.

LLS OCT 20 1992

STATE OF MICHIGAN

HM 051-91



JOHN ENGLER, GOVERNOR
DEPARTMENT OF STATE POLICE
COL. MICHAEL D. ROBINSON, DIRECTOR

FIRE MARSHAL DIVISION
GENERAL OFFICE BUILDING
7150 HARRIS DRIVE
LANSING, MICHIGAN 48913
PHONE: 517 322-1821

Date: 10-19-92

Jim Thomas
Detroit Tubular Rivet
1213 Grove St.
Wyandotte, MI 48192

Re: Site Assessment Report
ID # 35711

Dear Mr. Thomas:

This letter is in reference to the lab analysis submitted for the
removal of 2-1,000 gallon mineral spirit UST systems.

The test methodology and level of detection of the methodology are
adequate. The contaminant concentrations are below the
threshold detection levels and there is no evidence of a confirmed release.
Based on the submitted information, no further remedial action is required.

If you have any further questions, please contact me at (517) 322-1935,
between the hours of 10:00 a.m. - 12:00 noon or 1:00 p.m. - 3:00 p.m.

Sincerely,

Aziz F. Assaf
Technical Review Unit

ARZ:s



A PROUD tradition of SERVICE through EXCELLENCE, INTEGRITY, and COURTESY.



LLS OCT 14 1992

35111

COUSINS ENVIRONMENTAL SERVICES

Ms. Andrea Zajac

Department of State Police
Fire Marshal Division
Hazardous Materials Section
P.O. Box 30157
Lansing, Michigan 48909

Subj.: Detroit Tubular Rivet Inc.
1213 Grove Street
Wyandotte, MI 48192
Site Assess. Report #35111

92 OCT 14 PM 1:52
SA
RJZ OCT 14 1992

check previous

S.A.

35111

2 PNA samples - clean

Dear Ms. Zajac,

Enclosed you will find a copy of the letter addressed to Detroit Tubular Rivet Inc. concerning insufficient analytical data to make a determination on the cleanliness of the site. Cousins Environmental Services performed the UST removal for Detroit Tubular Rivet Inc., and may have inadvertently been unaware of the Michigan State requirements imposed at that time. As per our conversation on September 2, 1992, I have retrieved two (2) additional soil samples and analyzed them, as directed, for PNA's (method 8270) according to Michigan requirements. The two soil samples were taken at a depth of approximately twelve (12) feet at or near the bottom center of the former location of each UST. A site map is included to indicate the sampling points. The samples were retrieved via hand auger utilizing three (3), four (4) foot extensions. Field screening was delayed by approximately one hour due to extremely heavy rainfall on September 15, 1992 the date the samples were retrieved. Using a Photoion Detector (PID) precalibrated with inert gas (98.1ppm Isobutylene), a Cousins technician tried to determine if contamination might be present, the screening instrument revealed nothing, in either of the two samples but this may have been due to moisture inhibiting organics from volatilizing. It is my sincerest desire that this will satisfy the requirements of the State of Michigan so that we may close the book on this project once and for all. I am available to assist in any way, please review all the enclosed information and feel free to contact me if you have any questions or comments.

Respectfully Submitted,

Mario M. Moreno

Mario M. Moreno, CEI
Project Manager
Cousins Environmental Svcs.



JOHN ENGEL, GOVERNOR
DEPARTMENT OF STATE POLICE
COL. MICHAEL D. ROBINSON, DIRECTOR

FIRE MARSHAL DIVISION
GENERAL OFFICE BUILDING
716 HARRIS DRIVE
LANSING, MICHIGAN 48213
PHONE: 517 322-1824

Date: 8-24-92

Jim Thomas
DETROIT TRIBUNE RIVER
1213 GENIE ST.
LYANCOOTE, MI
48192

Re: Site Assessment Report
ID # 35111

Dear Mr. Thomas

This letter is in reference to the laboratory analysis submitted for the
REMOVAL OF 2-1000 GALLON UST SYSTEMS

mineral spirit

The number of sampling points analyzed are considered inadequate to make a determination on the cleanliness of the site. Please perform another site assessment, (guidance site assessment letter is enclosed) and forward a copy of the results to this office along with a copy of this letter. The results of this second site assessment must be forwarded to this office within 45 days.

If you have any further questions, please contact me at (517) 322-1935, between the hours of 10:00 a.m. - 12:00 noon or 1:00 p.m. - 3:00 p.m.

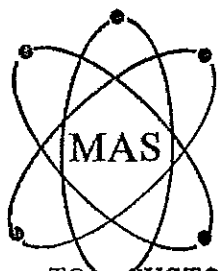
Sincerely,

Wade E. Schaefer, Captain
State Fire Marshal

A. Aziz
Aziz F. Assaf
Technical Review Unit

ARZ:s
Attachment





C:\PW\RP\XBTEX

MAS #: 2092220

Midwest Analytical Services, Inc.

"Where industry comes for answers."

Metropolitan Center for High Technology
2727 Second Avenue
Detroit, Michigan 48201

IN: SJ

Phone: (313) 964-3680
FAX No.: (313) 964-2339

TO: CUSTOMER SERVICE
COUSINS WASTE CONTROL CORP.
1801 MATZINGER RD.
TOLEDO, OH 43621

DATE COMPLETED: 09/29/92

P.O. #: 6749

PROJECT: DETROIT TUBULAR RIVET DETROIT, MI

SAMPLE IDENTIFICATION: #564-4255 CONTAM. SOIL

PHYSICAL DESCRIPTION: BROWN SOLID

METHOD #	PARAMETER	SAMPLE RESULT	UNITS (DRY WEIGHT)	DETECTION LIMIT	QA % RECOVERY
EPA 8270	NAPHTHALENE	N/D	µg/kg	330	90
	ACENAPHTHYLENE	N/D	µg/kg	330	94
	ACENAPHTHENE	N/D	µg/kg	330	85
	FLUORENE	N/D	µg/kg	330	90
	PHENANTHRENE	N/D	µg/kg	330	95
	ANTHRACENE	N/D	µg/kg	330	98
	FLUORANTHENE	N/D	µg/kg	330	70
	PYRENE	N/D	µg/kg	330	72
	BENZO (a) ANTHRACENE	N/D	µg/kg	330	87
	CHRYSENE	N/D	µg/kg	330	94
	BENZO (b) FLUORANTHENE	N/D	µg/kg	330	113
	BENZO (k) FLUORANTHENE	N/D	µg/kg	330	111
	BENZO (a) PYRENE	N/D	µg/kg	330	109
	INDENO (1,2,3-cd) PYRENE	N/D	µg/kg	330	110
	DIBENZO (ah) ANTHRACENE	N/D	µg/kg	330	111
	BENZO (ghi) PERYLENE	N/D	µg/kg	330	103

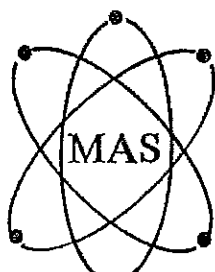
✓ ✓ ✓

N/D = NOT DETECTED

LAB MANAGER: NITIN BARAD

ASST. LAB MANAGER: KATHLEEN L. HAGAN

Nitin Barad



C:\PW\RP\XBTEX

MAS #: 2092221

Midwest Analytical Services, Inc.

"Where industry comes for answers."

Metropolitan Center for High Technology
2727 Second Avenue
Detroit, Michigan 48201

IN: SJ

Phone: (313) 964-3680
FAX No.: (313) 964-2339

TO: •CUSTOMER SERVICE
COUSINS WASTE CONTROL CORP.
1801 MATZINGER RD.
TOLEDO, OH 43621

DATE COMPLETED: 09/29/92

P.O. #: 6749

PROJECT: DETROIT TUBULAR RIVET DETROIT, MI

SAMPLE IDENTIFICATION: #564-4256 CONTAM. (SOIL)

PHYSICAL DESCRIPTION: BROWN SOLID

METHOD #	PARAMETER	SAMPLE RESULT	UNITS (DRY WEIGHT)	DETECTION LIMIT	QA % RECOVERY
EPA 8270	NAPHTHALENE	N/D	µg/kg	330	90
	ACENAPHTHYLENE	N/D	µg/kg	330	94
	ACENAPHTHENE	N/D	µg/kg	330	85
	FLUORENE	N/D	µg/kg	330	90
	PHENANTHRENE	N/D	µg/kg	330	95
	ANTHRACENE	N/D	µg/kg	330	98
	FLUORANTHENE	N/D	µg/kg	330	70
	PYRENE	N/D	µg/kg	330	72
	BENZO (a) ANTHRACENE	N/D	µg/kg	330	87
	CHRYSENE	N/D	µg/kg	330	94
	BENZO (b) FLUORANTHENE	N/D	µg/kg	330	113
	BENZO (k) FLUORANTHENE	N/D	µg/kg	330	111
	BENZO (a) PYRENE	N/D	µg/kg	330	109
	INDENO (1,2,3-cd) PYRENE	N/D	µg/kg	330	110
	DIBENZO (ah) ANTHRACENE	N/D	µg/kg	330	111
	BENZO (ghi) PERYLENE	N/D	µg/kg	330	103

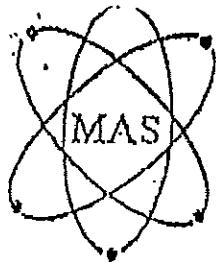
✓ ✓ ✓

N/D = NOT DETECTED

LAB MANAGER: NITIN BARAD

ASST. LAB MANAGER: KATHLEEN L. HAGAN

Nitin Barad



Midwest Analytical Services, Inc.

"Where industry comes for answers."

Metropolitan Center for High Technology
2727 Second Avenue
Detroit, Michigan 48201

PHYSICAL DESC. : _____

Phone: (313) 964-3680
FAX No: (313) 964-2339

CHAIN OF CUSTODY AND WASTE ANALYSIS REQUEST FORM (PLEASE FILL OUT ALL INFORMATION TO EXPEDITE SERVICE)

TO: MIDWEST ANALYTICAL SERVICES INC. RUSH/NORMAL: _____
(CIRCLE)

FROM: COUSINS WASTE CONTROL CORP. CHARGE TO P.O.# 60749

PLEASE ANALYZE SAMPLE ID: # 564-4256 CONTAM. SOIL

DETROIT TUBULAR RIVER DETROIT, MI.
(SAMPLE ID WILL APPEAR ON THE FINAL REPORT)

- () TCLP WASTE CHARACTERIZATION \$ 680
(INCLUDES METALS, CHARACTERISTICS & ORGANICS EXCLUDES HERB-PEST)
- () TCLP METALS & CHARACTERISTICS \$205 () TCLP ORGANICS \$625
() FLASHPOINT \$28 () VOLATILES \$170
() TCLP EXTRACTION \$70 () SEMI VOLATILES \$305
() METALS (10) \$150 () PEST & HERB \$150
() REACTIVE CYANIDE \$24
() REACTIVE SULFIDE \$24 () OIL PACKAGE \$170
() PH \$5 () TOTAL HALOGENS \$32
() TOTAL ARSENIC \$20
() TOTAL CADMIUM \$10
() TOTAL CHROMIUM \$10
() TOTAL LEAD \$10
() FLASHPOINT \$28
() P.C.B. \$60
- () MISCELLANEOUS
() NICKEL \$10
() THALLIUM \$10
() TOTAL METALS (10) \$150
() EP TOX METALS \$150
() TOTAL ORGANIC HALOGEN \$50
() % ASH \$16
() P.C.B. \$60
() PURGEABLE COMPOUNDS (601-602) \$125
() AMENABLE CYANIDE \$48
() FSCAN (F001-F005 SCAN) \$170
- () FUEL BLEND PACKAGE \$100
() DTU'S/lb. \$20
() SPECIFIC GRAVITY \$12
() % WATER \$32
() % CHLORIDE (TOT HAL) \$32
() PH \$5
- () UST PARAMETERS
() TOTAL LEAD \$30
(X) PMA \$120
() TPH \$40
() BTEX \$100

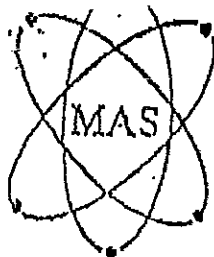
OTHER: _____

SIGNATURE: Robert Demett

DATE: 9-22-92

RECD. AT LAB BY: _____

DATE/TIME: _____



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2727 Second Avenue
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Phone: (313) 964-3680
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CHAIN OF CUSTODY AND WASTE ANALYSIS REQUEST FORM (PLEASE FILL OUT ALL INFORMATION TO EXPEDITE SERVICE)

TO: MIDWEST ANALYTICAL SERVICES INC. RUSH/NORMAL: (CIRCLE)

FROM: COUSINS WASTE CONTROL CORP. CHARGE TO P.O.# 6749

PLEASE ANALYZE SAMPLE ID: #564-4255 CONTAM. SOIL

DETROIT TUBULAR RIVER DETROIT, MI
(SAMPLE ID WILL APPEAR ON THE FINAL REPORT)

- () TCLP WASTE CHARACTERIZATION \$ 680
(INCLUDES METALS, CHARACTERISTICS & ORGANICS EXCLUDES HERB-PEST)
- () TCLP METALS & CHARACTERISTICS \$205 () TCLP ORGANICS \$625
- () FLASHPOINT \$28 () VOLATILES \$170
 - () TCLP EXTRACTION \$70 () SEMI VOLATILES \$305
 - () METALS (10) \$150 () PEST & HERB \$150
 - () REACTIVE CYANIDE \$24
 - () REACTIVE SULFIDE \$24
 - () PH \$5
- () MISCELLANEOUS
- () NICKEL \$10
 - () THALLIUM \$10
 - () TOTAL METALS (10) \$150
 - () EP TOX METALS \$150
 - () TOTAL ORGANIC HALOGEN \$50
 - () % ASH \$16
 - () P.C.B. \$60
 - () PURGEABLE COMPOUNDS (601-602) \$125
 - () AMENABLE CYANIDE \$48
 - () FSCAN (FOO1-FOO5 SCAN) \$170
- () UST PARAMETERS
- () TOTAL LEAD \$30
 - (X) PNA \$120
 - () TPH \$40
 - () BTEX \$100
- () OIL PACKAGE \$170
- () TOTAL HALOGENS \$32
 - () TOTAL ARSENIC \$20
 - () TOTAL CADMIUM \$10
 - () TOTAL CHROMIUM \$10
 - () TOTAL LEAD \$10
 - () FLASHPOINT \$28
 - () P.C.B. \$60
- () FUEL BLEND PACKAGE \$100
- () BTU'S/lb. \$20
 - () SPECIFIC GRAVITY \$12
 - () % WATER \$32
 - () % CHLORIDE (TOT HAL) \$32
 - () PH \$5

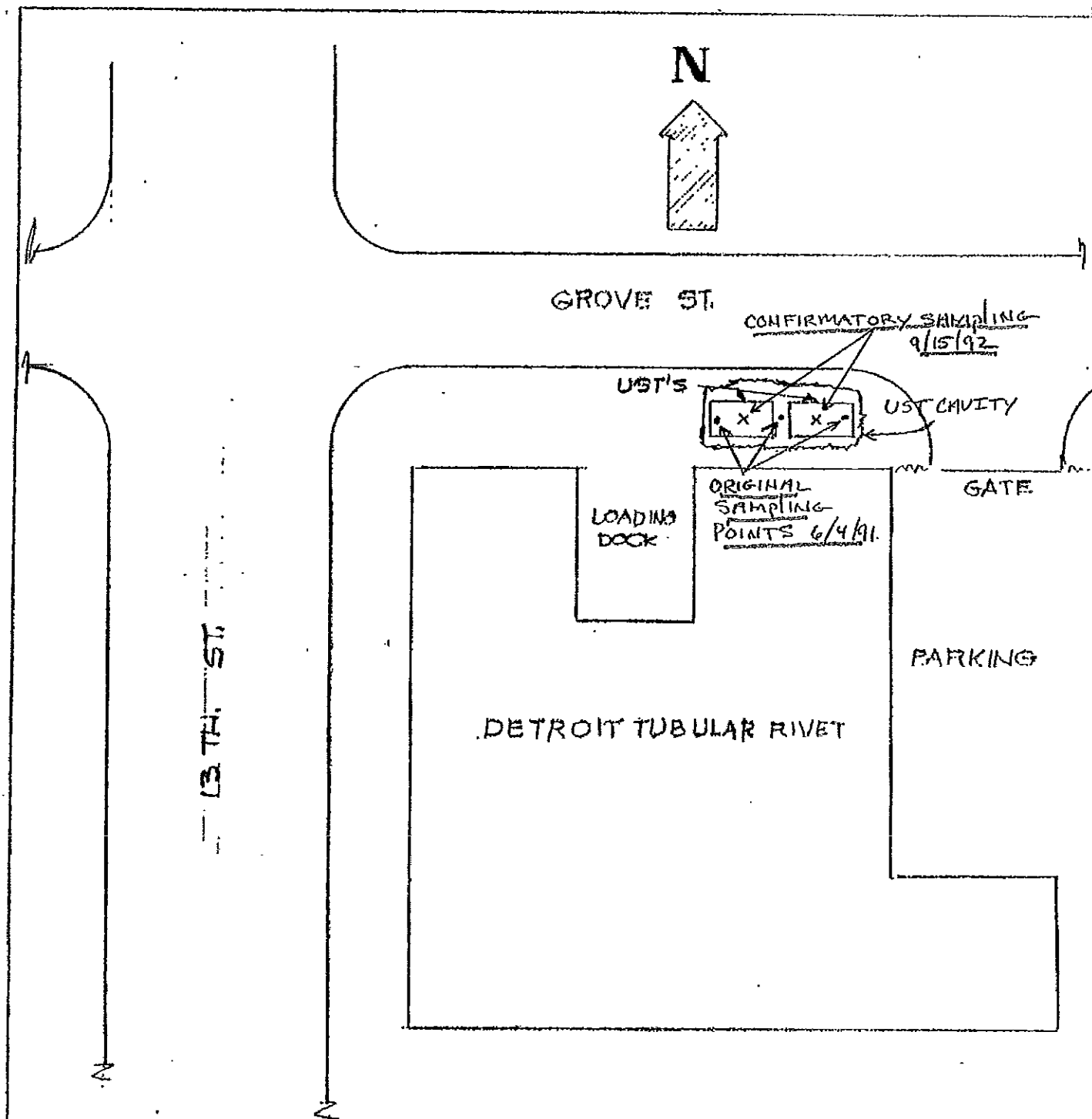
OTHER:

SIGNATURE: Robert Nemeth

DATE: 9-22-92

RECD. AT LAB BY: _____

DATE/TIME: _____



COUSINS ENVIRONMENTAL SERVICES Toledo, Ohio				
DETROIT TUBULAR RIVET				
SITE LOCATION				INTERVAL
1213 GROVE ST. WYANDOTTE, MI				
CONTROL 910564Z	DRAWN BY DP	DATE 6/28/91	REVISED	SCALE NONE

REGISTRATION FOR UNDERGROUND STORAGE TANKS

IMPLEMENTING AGENCY: MICHIGAN STATE POLICE — FIRE MARSHAL DIVISION		STATE USE ONLY	
TYPE OF NOTIFICATION: <input checked="" type="checkbox"/> NEW REGISTRATION <input type="checkbox"/> AMENDED INFORMATION <input type="checkbox"/> CLOSURE		ID NUMBER _____ DATE RECEIVED _____	
2 NO. OF TANKS AT FACILITY _____ NO. OF CONTINUATION SHEETS ATTACHED		A. DATE ENTERED INTO COMPUTER 4-17-91 B. DATA ENTRY CLERK INITIALS SMK C. COMMENTS _____	

INSTRUCTIONS: PLEASE TYPE OR PRINT IN INK ALL ITEMS EXCEPT "SIGNATURE" IN SECTION VIII. THIS FORM MUST BE COMPLETED FOR ALL LOCATIONS CONTAINING UNDERGROUND STORAGE TANKS. IF MORE THAN SEVEN TANKS ARE OWNED AT ONE FACILITY OR LOCATION, PHOTOCOPY PAGES 3 AND 4, AND STAPLE CONTINUATION SHEETS TO THE FORM.

REGISTRATION IS REQUIRED BY STATE LAW FOR ALL REGULATED UNDERGROUND STORAGE TANKS, UNLESS THE UNDERGROUND STORAGE TANK HAS BEEN PROPERLY CLOSED OR REMOVED AND NOTIFICATION PROVIDED TO THE STATE FIRE MARSHAL. IF A CHANGE SUCH AS A NEW OWNER, NEW OR UPDATED TANKS AND/OR PIPES TAKES PLACE AT THE FACILITY, A REGISTRATION FORM MUST ALSO BE SUBMITTED TO THE STATE FIRE MARSHAL INDICATING ANY CHANGE IN THE INFORMATION PREVIOUSLY SUBMITTED. THE INFORMATION REQUESTED IS REQUIRED BY SECTION 2 OF ACT NO. 423 P.A. OF 1984, AS AMENDED.

WHO MUST NOTIFY? UNLESS EXEMPTED, OWNERS OF UNDERGROUND TANKS THAT STORE OR STORED REGULATED SUBSTANCES MUST NOTIFY THE STATE FIRE MARSHAL OF THE EXISTENCE OF THEIR TANKS. OWNER MEANS ANY PERSON WHO OWNS, OR OWNED AT THE TIME OF A RELEASE, AN UNDERGROUND STORAGE TANK USED FOR THE STORAGE, USE, OR DISPENSING OF REGULATED SUBSTANCES.

WHAT TANKS ARE INCLUDED? UNDERGROUND STORAGE TANK IS DEFINED AS ANY ONE OR COMBINATION OF TANKS THAT (1) IS USED TO CONTAIN AN ACCUMULATION OF "REGULATED SUBSTANCES" AND (2) WHOSE VOLUME (INCLUDING CONNECTED UNDERGROUND PIPING) IS 10% OR MORE BENEATH THE GROUND.

WHAT SUBSTANCES ARE COVERED? THE REGISTRATION REQUIREMENTS APPLY TO UNDERGROUND STORAGE TANKS THAT CONTAIN REGULATED SUBSTANCES. THIS INCLUDES ANY SUBSTANCE DEFINED AS HAZARDOUS IN SECTION 101(14) OF THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT (CERCLA), WITH THE EXCEPTION OF THOSE SUBSTANCES REGULATED AS HAZARDOUS WASTE UNDER SUBTITLE C OF RCRA. IT ALSO INCLUDES PETROLEUM, E.G., CRUDE OIL OR ANY FRACTION THEREOF WHICH IS LIQUID AT STANDARD CONDITIONS OF TEMPERATURE AND PRESSURE (60 DEGREES FAHRENHEIT AND 14.7 POUNDS PER SQUARE INCH ABSOLUTE).

WHAT TANKS ARE EXCLUDED? TANKS THAT HAVE BEEN PROPERLY CLOSED OR REMOVED PRIOR TO JANUARY 1, 1974 ARE NOT SUBJECT TO REGISTRATION. OTHER TANKS EXCLUDED FROM REGISTRATION ARE:

1. A FARM OR RESIDENTIAL TANK OF 1,100 GALLONS OR LESS CAPACITY USED FOR STORING MOTOR FUEL FOR NONCOMMERCIAL PURPOSES.
2. A TANK USED FOR STORING HEATING OIL FOR CONSUMPTIVE USE ON THE PREMISES WHERE THE TANK IS LOCATED.
3. A SEPTIC TANK.
4. A PIPELINE FACILITY, INCLUDING GATHERING LINES REGULATED UNDER EITHER OF THE FOLLOWING:
 - A. THE NATURAL GAS PIPELINE SAFETY ACT OF 1968, PUBLIC LAW 90-481, 49 U.S.C. APPX 1671 TO 1677, 1679a TO 1677, AND 1683 TO 1687.
 - B. SECTIONS 201 TO 215 AND 217 OF THE HAZARDOUS LIQUID PIPELINE SAFETY ACT OF 1979, TITLE II OF PUBLIC LAW 96-103, 49 U.S.C. APPX 1001 TO 2015.
5. A SURFACE IMPOUNDMENT, PIT, POND, OR LAGOON.
6. A STORM WATER OR WASTEWATER COLLECTION SYSTEM.
7. A FLOW-THROUGH PROCESS TANK.
8. A LIQUID TRAP OR ASSOCIATED GATHERING LINES DIRECTLY RELATED TO OIL OR GAS PRODUCTION AND GATHERING LINES.
9. A STORAGE TANK SITUATED IN AN UNDERGROUND AREA, SUCH AS A BASEMENT, CELLAR, MINERWORKING, DRIFT, SHAFT, OR TUNNEL. A TANK IS SITUATED UPON OR ABOVE THE SURFACE OF THE FLOOR.
10. ANY PIPES CONNECTED TO A TANK THAT IS DESCRIBED IN SUBPARAGRAPHS 1 TO 16.
11. AN UNDERGROUND STORAGE TANK SYSTEM HOLDING HAZARDOUS WASTES LISTED OR IDENTIFIED UNDER SUBTITLE C OF THE SOLID WASTE DISPOSAL ACT, TITLE II OF PUBLIC LAW 89-272, 42 U.S.C. 6921 TO 6931 AND 6933 TO 6939b OR A MIXTURE OF SUCH HAZARDOUS WASTE AND OTHER REGULATED SUBSTANCES.
12. A WASTEWATER TREATMENT TANK SYSTEM THAT IS PART OF WASTEWATER TREATMENT FACILITY REGULATED UNDER SECTION 107(d) OF TITLE II OR SECTION 402 OF TITLE IV OF THE FEDERAL WATER POLLUTION CONTROL ACT, 33 U.S.C. 1317 AND 1342.
13. EQUIPMENT OR MACHINERY THAT CONTAINS REGULATED SUBSTANCES FOR OPERATIONAL PURPOSES SUCH AS HYDRAULIC LIFT TANKS AND ELECTRICAL EQUIPMENT TANKS.
14. AN UNDERGROUND STORAGE TANK SYSTEM WITH A CAPACITY OF 110 GALLONS OR LESS.
15. AN UNDERGROUND STORAGE TANK SYSTEM THAT CONTAINS A DE MINIMIS CONCENTRATION OF REGULATED SUBSTANCES.
16. AN EMERGENCY SPILL OR OVERFLOW CONTAINMENT UNDERGROUND STORAGE TANK SYSTEM THAT IS EXPEDITIOUSLY EMPTIED AFTER USE.

WHERE TO NOTIFY? SEND COMPLETED FORMS TO:

DEPARTMENT OF STATE POLICE
 FIRE MARSHAL DIVISION
 HAZARDOUS MATERIALS SECTION
 3705 WEST JOLLY ROAD
 P.O. BOX 30157
 LANSING, MICHIGAN 48909

THERE IS A \$100.00 ANNUAL REGISTRATION FEE FOR EACH NEW TANK REGISTERED WITH THE STATE FIRE MARSHAL. MAKE CHECKS PAYABLE TO THE STATE OF MICHIGAN. PURSUANT TO ACT NO. 423 P.A. OF 1984, AS AMENDED, A CHECK OR MONEY ORDER FOR ALL NEW TANK REGISTRATIONS MUST ACCOMPANY THE REGISTRATION FORM BEFORE SUCH TANKS CAN BE CONSIDERED REGISTERED.

I. OWNERSHIP OF TANKS		II. LOCATION OF TANKS	
OWNER NAME (CORPORATION/INDIVIDUAL, ETC.) DETROIT TUBULAR RIVER		IF SAME AS SECTION I, PLEASE CHECK <input checked="" type="checkbox"/>	
STREET ADDRESS 1213 GROVE		FACILITY NAME OR CO. SITE IDENTIFIER _____	
CITY Wyandotte		STREET ADDRESS (P.O. BOX NOT ACCEPTABLE) _____	
STATE MI		CITY _____	
ZIP 48192		STATE _____	
COUNTY WAYNE		ZIP _____	
TOWNSHIP _____		COUNTY _____	
TELEPHONE (INCLUDING AREA CODE) 313-282-7980		TOWNSHIP _____	
TAX PAYER ID OR SOCIAL SECURITY NUMBER* _____		TELEPHONE (INCLUDING AREA CODE) _____	

***THIS INFORMATION IS CONFIDENTIAL. DISCLOSURE OF CONFIDENTIAL INFORMATION IS PROTECTED BY THE FEDERAL PRIVACY ACT.**

AUTHORITY:
COMPLIANCE:
PENALTIES:

Act No. 423 P.A. of 1984, as amended.
 Required

Any owner who knowingly fails to notify or submits false information shall be subject to a misdemeanor and/or civil penalties not to exceed \$5,000 per day for each tank for which notification is not given or for which false information is submitted.

III. TYPE OF OWNER	IV. INDIAN LANDS
<input type="checkbox"/> FEDERAL GOVERNMENT <input type="checkbox"/> COMMERCIAL <input type="checkbox"/> STATE GOVERNMENT <input checked="" type="checkbox"/> PRIVATE <input type="checkbox"/> LOCAL GOVERNMENT	<input type="checkbox"/> TANKS ARE LOCATED ON LAND WITHIN AN INDIAN RESERVATION OR ON OTHER TRUST LANDS. <input type="checkbox"/> TANKS ARE OWNED BY NATIVE AMERICAN NATION, TRIBE, OR INDIVIDUAL. TRIBE OR NATION: _____

V. TYPE OF FACILITY																		
SELECT THE APPROPRIATE FACILITY DESCRIPTION: <table style="width: 100%; margin-top: 10px;"> <tr> <td><input type="checkbox"/> GAS STATION</td> <td><input type="checkbox"/> LOCAL GOVERNMENT</td> <td><input type="checkbox"/> CONTRACTOR</td> </tr> <tr> <td><input type="checkbox"/> PETROLEUM DISTRIBUTOR</td> <td><input type="checkbox"/> STATE GOVERNMENT</td> <td><input type="checkbox"/> TRUCKING/TRANSPORT</td> </tr> <tr> <td><input type="checkbox"/> AIR TAXI (AIRLINE)</td> <td><input type="checkbox"/> FEDERAL-NON MILITARY</td> <td><input type="checkbox"/> UTILITIES</td> </tr> <tr> <td><input type="checkbox"/> AIRCRAFT OWNER</td> <td><input type="checkbox"/> FEDERAL-MILITARY</td> <td><input type="checkbox"/> RESIDENTIAL</td> </tr> <tr> <td><input type="checkbox"/> AUTO DEALERSHIP</td> <td><input type="checkbox"/> COMMERCIAL</td> <td><input type="checkbox"/> FARM</td> </tr> <tr> <td><input type="checkbox"/> RAILROAD</td> <td><input checked="" type="checkbox"/> INDUSTRIAL</td> <td><input type="checkbox"/> OTHER (EXPLAIN)</td> </tr> </table>	<input type="checkbox"/> GAS STATION	<input type="checkbox"/> LOCAL GOVERNMENT	<input type="checkbox"/> CONTRACTOR	<input type="checkbox"/> PETROLEUM DISTRIBUTOR	<input type="checkbox"/> STATE GOVERNMENT	<input type="checkbox"/> TRUCKING/TRANSPORT	<input type="checkbox"/> AIR TAXI (AIRLINE)	<input type="checkbox"/> FEDERAL-NON MILITARY	<input type="checkbox"/> UTILITIES	<input type="checkbox"/> AIRCRAFT OWNER	<input type="checkbox"/> FEDERAL-MILITARY	<input type="checkbox"/> RESIDENTIAL	<input type="checkbox"/> AUTO DEALERSHIP	<input type="checkbox"/> COMMERCIAL	<input type="checkbox"/> FARM	<input type="checkbox"/> RAILROAD	<input checked="" type="checkbox"/> INDUSTRIAL	<input type="checkbox"/> OTHER (EXPLAIN)
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<input type="checkbox"/> RAILROAD	<input checked="" type="checkbox"/> INDUSTRIAL	<input type="checkbox"/> OTHER (EXPLAIN)																

VI. CONTACT PERSON IN CHARGE OF TANKS						
<table style="width: 100%;"> <tr> <td style="width: 33%;"><u>JIM L. THOMAS</u></td> <td style="width: 33%;"><u>SUPERVISOR</u></td> <td style="width: 33%;"><u>313-282-7980</u></td> </tr> <tr> <td style="font-size: small;">NAME</td> <td style="font-size: small;">JOB TITLE</td> <td style="font-size: small;">PHONE (AREA CODE)</td> </tr> </table>	<u>JIM L. THOMAS</u>	<u>SUPERVISOR</u>	<u>313-282-7980</u>	NAME	JOB TITLE	PHONE (AREA CODE)
<u>JIM L. THOMAS</u>	<u>SUPERVISOR</u>	<u>313-282-7980</u>				
NAME	JOB TITLE	PHONE (AREA CODE)				

VII. FINANCIAL RESPONSIBILITY									
I HAVE MET THE FINANCIAL RESPONSIBILITY REQUIREMENTS AS REQUIRED IN THE UST RULES <input checked="" type="checkbox"/>									
CHECK ALL THAT APPLY: <table style="width: 100%; margin-top: 10px;"> <tr> <td><input type="checkbox"/> SELF INSURANCE</td> <td><input type="checkbox"/> GUARANTEE</td> <td><input checked="" type="checkbox"/> STATE FUNDS</td> </tr> <tr> <td><input type="checkbox"/> COMMERCIAL INSURANCE</td> <td><input type="checkbox"/> SURETY BOND</td> <td><input type="checkbox"/> TRUST FUND</td> </tr> <tr> <td><input type="checkbox"/> RISK RETENTION GROUP</td> <td><input type="checkbox"/> LETTER OF CREDIT</td> <td><input type="checkbox"/> OTHER METHOD ALLOWED (PLEASE SPECIFY)</td> </tr> </table>	<input type="checkbox"/> SELF INSURANCE	<input type="checkbox"/> GUARANTEE	<input checked="" type="checkbox"/> STATE FUNDS	<input type="checkbox"/> COMMERCIAL INSURANCE	<input type="checkbox"/> SURETY BOND	<input type="checkbox"/> TRUST FUND	<input type="checkbox"/> RISK RETENTION GROUP	<input type="checkbox"/> LETTER OF CREDIT	<input type="checkbox"/> OTHER METHOD ALLOWED (PLEASE SPECIFY)
<input type="checkbox"/> SELF INSURANCE	<input type="checkbox"/> GUARANTEE	<input checked="" type="checkbox"/> STATE FUNDS							
<input type="checkbox"/> COMMERCIAL INSURANCE	<input type="checkbox"/> SURETY BOND	<input type="checkbox"/> TRUST FUND							
<input type="checkbox"/> RISK RETENTION GROUP	<input type="checkbox"/> LETTER OF CREDIT	<input type="checkbox"/> OTHER METHOD ALLOWED (PLEASE SPECIFY)							

VIII. CERTIFICATION			
(READ AND SIGN AFTER COMPLETING ALL SECTIONS)			
I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS AND ALL ATTACHED DOCUMENTS, AND THAT BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THAT THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE.			
<table style="width: 100%;"> <tr> <td style="width: 40%;"> NAME AND OFFICIAL TITLE OF OWNER OR OWNERS' AUTHORIZED REPRESENTATIVE (PRINT) <u>JIM L. THOMAS</u> </td> <td style="width: 40%;"> SIGNATURE <u>Jim L. Thomas</u> </td> <td style="width: 20%;"> DATE <u>4/15/91</u> </td> </tr> </table>	NAME AND OFFICIAL TITLE OF OWNER OR OWNERS' AUTHORIZED REPRESENTATIVE (PRINT) <u>JIM L. THOMAS</u>	SIGNATURE <u>Jim L. Thomas</u>	DATE <u>4/15/91</u>
NAME AND OFFICIAL TITLE OF OWNER OR OWNERS' AUTHORIZED REPRESENTATIVE (PRINT) <u>JIM L. THOMAS</u>	SIGNATURE <u>Jim L. Thomas</u>	DATE <u>4/15/91</u>	

COMMENTS AND/OR CLARIFICATIONS TO THE FIRE MARSHAL STAFF: _____

IX. DESCRIPTION OF UNDERGROUND STORAGE TANKS (COMPLETE FOR EACH TANK AT THIS LOCATION)

TANK IDENTIFICATION NUMBER	TANK #1	TANK #2	TANK #	TANK #	TANK #	TANK #	TANK #
1. STATUS OF TANKS (CHECK ONE) CURRENTLY IN USE TEMPORARILY OUT OF USE ** PERMANENTLY OUT OF USE ** AMENDMENT OF INFORMATION **ALSO COMPLETE SECTION X	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
2. DATE OF INSTALLATION							
3. ESTIMATED TOTAL CAPACITY (GAL)	1000	1000					
4. MATERIAL OF CONSTRUCTION (MARK ALL THAT APPLY) ASPHALT COATED OR BARE STEEL CATHODICALLY PROTECTED STEEL EPOXY COATED STEEL COMPOSITE (STEEL WITH FIBERGLASS) FIBERGLASS REINFORCED PLASTIC LINED INTERIOR DOUBLE WALLED POLYETHYLENE TANK JACKET EXCAVATION LINER CONCRETE UNKNOWN OTHER, (PLEASE SPECIFY) HAS TANK BEEN REPAIRED?	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
5. PIPING MATERIAL (MARK ALL THAT APPLY) BARE STEEL GALVANIZED STEEL FIBERGLASS REINFORCED PLASTIC COPPER CATHODICALLY PROTECTED DOUBLE WALLED SECONDARY CONTAINMENT UNKNOWN OTHER, (PLEASE SPECIFY)	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
6. PIPING (TYPE) (MARK ALL THAT APPLY) SUCTION: NO VALVE AT TANK SUCTION: VALVE AT TANK PRESSURE GRAVITY FED HAS PIPING BEEN REPAIRED?	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
7. SUBSTANCE CURRENTLY OR LAST STORED IN GREATEST QUANTITY BY VOLUME GASOLINE DIESEL GASOHOL KEROSENE FUEL OIL (NOT FOR CONSUMPTIVE USE ON PREMISES) USED OIL OTHER (PLEASE SPECIFY)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
HAZARDOUS SUBSTANCE COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION & LIABILITY ACT (CERCLA) NAME AND/OR CHEMICAL ABSTRACT SERVICE (CAS) NUMBER	<input type="checkbox"/> <i>MINERAL SPIRITS</i>	<input type="checkbox"/> <i>MINERAL SPIRITS</i>	<input type="checkbox"/> 	<input type="checkbox"/> 	<input type="checkbox"/> 	<input type="checkbox"/> 	<input type="checkbox"/>

X. TANKS OUT OF USE OR CHANGE IN SERVICE

TANK IDENTIFICATION NUMBER	TANK #1	TANK #2	TANK #	TANK #	TANK #	TANK #	TANK #
1. CLOSING OF TANK							
A. ESTIMATED DATE LAST USED (MO/DAY/YR)	UNKNOWN	UNKNOWN					
B. ESTIMATED DATE TANK CLOSED (MO/DAY/YR)							
C. TANK WAS REMOVED FROM GROUND	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. TANK FILLED WITH INERT MATERIAL (SAND, CONCRETE, ETC.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DESCRIBE TYPE OF FILL USED AND REASON TANK WAS NOT REMOVED.							
E. CHANGE IN SERVICE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. SITE ASSESSMENT COMPLETED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
EVIDENCE OF A LEAK DETECTED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

XI. CERTIFICATION OF COMPLIANCE (COMPLETE FOR ALL NEW AND UPGRADED TANKS AT THIS LOCATION)

1. INSTALLATION														
A. INSTALLER CERTIFIED BY TANK AND PIPING MANUFACTURERS.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. INSTALLER CERTIFIED OR LICENSED BY THE STATE FIRE MARSHAL.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. INSTALLATION INSPECTED BY A REGISTERED ENGINEER.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. INSTALLATION INSPECTED AND APPROVED BY STATE FIRE MARSHAL.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E. ANOTHER METHOD ALLOWED BY STATE FIRE MARSHAL. (PLEASE SPECIFY).														
2. RELEASE DETECTION														
	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE
A. MANUAL (STATIC) TANK GAUGING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. TANK TIGHTNESS TESTING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. INVENTORY CONTROL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. AUTOMATIC TANK GAUGING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E. VAPOR MONITORING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
F. GROUNDWATER MONITORING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
G. INTERSTITIAL MONITORING DOUBLE WALLED TANK/PIPING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
H. INTERSTITIAL MONITORING SECONDARY CONTAINMENT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I. AUTOMATIC LINE LEAK DETECTORS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
J. LINE TIGHTNESS TESTING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
K. OTHER METHOD ALLOWED BY IMPLEMENTING AGENCY (SPECIFY)														
3. SPILL AND OVERFILL PROTECTION														
A. OVERFILL DEVICE INSTALLED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. SPILL DEVICE INSTALLED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PLEDGE: I CERTIFY THE INFORMATION CONCERNING INSTALLATION THAT IS PROVIDED IN SECTION XI IS TRUE TO THE BEST OF MY BELIEF AND KNOWLEDGE.

INSTALLER

NAME PRINTED

SIGNATURE

DATE

POSITION

COMPANY

REGISTRATION FOR UNDERGROUND STORAGE TANKS

IMPLEMENTING AGENCY:
MICHIGAN STATE POLICE — FIRE MARSHAL DIVISION

TYPE OF NOTIFICATION: ☐ NEW REGISTRATION
☐ AMENDED INFORMATION
☒ CLOSURE

0 NO. OF TANKS AT FACILITY
1 NO. OF CONTINUATION SHEETS ATTACHED

STATE USE ONLY

ID NUMBER 35111

DATE RECEIVED

A. DATE ENTERED INTO COMPUTER AUG 06 1992

B. DATA ENTRY CLERK INITIALS

C. COMMENTS

INSTRUCTIONS: PLEASE TYPE OR PRINT IN INK ALL ITEMS EXCEPT "SIGNATURE" IN SECTION VIII. THIS FORM MUST BE COMPLETED FOR ALL LOCATIONS CONTAINING UNDERGROUND STORAGE TANKS. IF MORE THAN SEVEN TANKS ARE OWNED AT ONE FACILITY OR LOCATION, PHOTOCOPY PAGES 3 AND 4, AND STAPLE CONTINUATION SHEETS TO THE FORM.

REGISTRATION IS REQUIRED BY STATE LAW FOR ALL REGULATED UNDERGROUND STORAGE TANKS, UNLESS THE UNDERGROUND STORAGE TANK HAS BEEN PROPERLY CLOSED OR REMOVED AND NOTIFICATION PROVIDED TO THE STATE FIRE MARSHAL. IF A CHANGE SUCH AS A NEW OWNER, NEW OR UPDATED TANKS AND/OR PIPES TAKES PLACE AT THE FACILITY, A REGISTRATION FORM MUST ALSO BE SUBMITTED TO THE STATE FIRE MARSHAL INDICATING ANY CHANGE IN THE INFORMATION PREVIOUSLY SUBMITTED. THE INFORMATION REQUESTED IS REQUIRED BY SECTION 2 OF ACT NO. 423 P.A. OF 1984, AS AMENDED.

WHO MUST NOTIFY? UNLESS EXEMPTED, OWNERS OF UNDERGROUND TANKS THAT STORE OR STORED REGULATED SUBSTANCES MUST NOTIFY THE STATE FIRE MARSHAL OF THE EXISTENCE OF THEIR TANKS. OWNER MEANS ANY PERSON WHO OWNS, OR OWNED AT THE TIME OF A RELEASE, AN UNDERGROUND STORAGE TANK USED FOR THE STORAGE, USE, OR DISPENSING OF REGULATED SUBSTANCES.

WHAT TANKS ARE INCLUDED? UNDERGROUND STORAGE TANK IS DEFINED AS ANY ONE OR COMBINATION OF TANKS THAT (1) IS USED TO CONTAIN AN ACCUMULATION OF "REGULATED SUBSTANCES" AND (2) WHOSE VOLUME (INCLUDING CONNECTED UNDERGROUND PIPING) IS 10% OR MORE BENEATH THE GROUND.

WHAT SUBSTANCES ARE COVERED? THE REGISTRATION REQUIREMENTS APPLY TO UNDERGROUND STORAGE TANKS THAT CONTAIN REGULATED SUBSTANCES. THIS INCLUDES ANY SUBSTANCE DEFINED AS HAZARDOUS IN SECTION 101(14) OF THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT (CERCLA), WITH THE EXCEPTION OF THOSE SUBSTANCES REGULATED AS HAZARDOUS WASTE UNDER SUBTITLE C OF RCRA. IT ALSO INCLUDES PETROLEUM, I.E., CRUDE OIL OR ANY FRACTION THEREOF WHICH IS LIQUID AT STANDARD CONDITIONS OF TEMPERATURE AND PRESSURE (60) DEGREES FAHRENHEIT AND 14.7 POUNDS PER SQUARE INCH ABSOLUTE.

WHAT TANKS ARE EXCLUDED? TANKS THAT HAVE BEEN PROPERLY CLOSED OR REMOVED PRIOR TO JANUARY 1, 1974 ARE NOT SUBJECT TO REGISTRATION. OTHER TANKS EXCLUDED FROM REGISTRATION ARE:

1. A FARM OR RESIDENTIAL TANK OF 1,100 GALLONS OR LESS CAPACITY USED FOR STORING MOTOR FUEL FOR NONCOMMERCIAL PURPOSES.
2. A TANK USED FOR STORING HEATING OIL FOR CONSUMPTIVE USE ON THE PREMISES WHERE THE TANK IS LOCATED.
3. A SEPTIC TANK.
4. A PIPELINE FACILITY, INCLUDING GATHERING LINES REGULATED UNDER EITHER OF THE FOLLOWING:
 - A. THE NATURAL GAS PIPELINE SAFETY ACT OF 1968, PUBLIC LAW 90-481, 49 U.S.C. APPX 1671 TO 1677, 1679A TO 1692, AND 1683 TO 1687.
 - B. SECTIONS 201 TO 215 AND 217 OF THE HAZARDOUS LIQUID PIPELINE SAFETY ACT OF 1979, TITLE II OF PUBLIC LAW 96-129, 49 U.S.C. APPX 2001 TO 2015.
5. A SURFACE IMPOUNDMENT, PIT, POND, OR LAGOON.
6. A STORM WATER OR WASTEWATER COLLECTION SYSTEM.
7. A FLOW-THROUGH PROCESS TANK.
8. A LIQUID TRAP OR ASSOCIATED GATHERING LINES DIRECTLY RELATED TO OIL OR GAS PRODUCTION AND GATHERING OPERATIONS.
9. A STORAGE TANK SITUATED IN AN UNDERGROUND AREA, SUCH AS A BASEMENT, CELLAR, MINERWORKING, DRIFF SHAFT, OR TUNNEL IF THE STORAGE TANK IS SITUATED UPON OR ABOVE THE SURFACE OF THE FLOOR.
10. ANY PIPES CONNECTED TO A TANK THAT IS DESCRIBED IN SUBPARAGRAPHS 1 TO 16.
11. AN UNDERGROUND STORAGE TANK SYSTEM HOLDING HAZARDOUS WASTES LISTED OR IDENTIFIED UNDER SUBTITLE C OF THE SOLID WASTE DISPOSAL ACT, TITLE II OF PUBLIC LAW 92-272, 42 U.S.C. 6921 TO 6931 AND 6933 TO 6939b OR A MIXTURE OF SUCH HAZARDOUS WASTE AND OTHER REGULATED SUBSTANCES.
12. A WASTEWATER TREATMENT TANK SYSTEM THAT IS PART OF WASTEWATER TREATMENT FACILITY REGULATED UNDER SECTION 307(b) OF TITLE II OF OUR SECTION 402 OF TITLE IV OF THE FEDERAL WATER POLLUTION CONTROL ACT, 33 U.S.C. 1317 AND 1342.
13. EQUIPMENT OR MACHINERY THAT CONTAINS REGULATED SUBSTANCES FOR OPERATIONAL PURPOSES SUCH AS HYDRAULIC LIFT TANKS AND ELECTRICAL EQUIPMENT TANKS.
14. AN UNDERGROUND STORAGE TANK SYSTEM WITH A CAPACITY OF 110 GALLONS OR LESS.
15. AN UNDERGROUND STORAGE TANK SYSTEM THAT CONTAINS A DE MINIMIS CONCENTRATION OF REGULATED SUBSTANCES.
16. AN EMERGENCY SPILL OR OVERFLOW CONTAINMENT UNDERGROUND STORAGE TANK SYSTEM THAT IS EXPEDITIOUSLY EMPTIED AFTER USE.

WHERE TO NOTIFY? SEND COMPLETED FORMS TO:

DEPARTMENT OF STATE POLICE
 FIRE MARSHAL DIVISION
 HAZARDOUS MATERIALS SECTION
 3705 WEST JOLLY ROAD
 P.O. BOX 30157
 LANSING, MICHIGAN 48909

THERE IS A \$100.00 ANNUAL REGISTRATION FEE FOR EACH NEW TANK REGISTERED WITH THE STATE FIRE MARSHAL. MAKE CHECKS PAYABLE TO THE STATE OF MICHIGAN. PURSUANT TO ACT NO. 423 P.A. OF 1984, AS AMENDED, A CHECK OR MONEY ORDER FOR ALL NEW TANK REGISTRATIONS MUST ACCOMPANY THE REGISTRATION FORM BEFORE SUCH TANKS CAN BE CONSIDERED REGISTERED.

I. OWNERSHIP OF TANKS

DETROIT TUBULAR RIVET

OWNER NAME (CORPORATION/INDIVIDUAL, ETC.)

1213 Grove Street

STREET ADDRESS

Wyandotte, MI 48192

CITY

STATE

ZIP

Wayne County

COUNTY

TOWNSHIP

313-282-7979

FACILITY IDENTIFICATION NUMBER*

II. LOCATION OF TANKS

IF SAME AS SECTION I, PLEASE CHECK ☒

same as section I

FACILITY NAME OR CO. SITE IDENTIFIER

STREET ADDRESS (P.O. BOX NOT ACCEPTABLE)

CITY

STATE

ZIP

COUNTY

TOWNSHIP

TELEPHONE (INCLUDING AREA CODE)

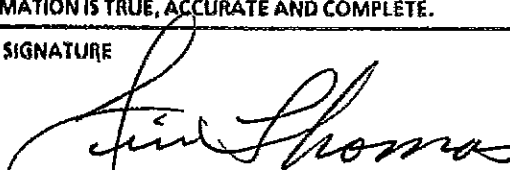
*THIS INFORMATION IS CONFIDENTIAL.
 DISCLOSURE OF CONFIDENTIAL INFORMATION
 IS PROTECTED BY THE FEDERAL PRIVACY ACT.

AUTHORITY:
 COMPLIANCE:
 PENALTIES:

Act No. 423 P.A. of 1984, as amended.

Required

Any owner who knowingly fails to notify or submits false information shall be subject to a misdemeanor and/or civil penalties not to exceed \$5,000 per day for each tank for which notification is not given or for which false information is submitted.

III. TYPE OF OWNER		IV. INDIAN LANDS	
<input checked="" type="checkbox"/> FEDERAL GOVERNMENT <input type="checkbox"/> STATE GOVERNMENT <input type="checkbox"/> LOCAL GOVERNMENT	<input type="checkbox"/> COMMERCIAL <input checked="" type="checkbox"/> PRIVATE	<input type="checkbox"/> TANKS ARE LOCATED ON LAND WITHIN AN INDIAN RESERVATION OR ON OTHER TRUST LANDS. <input type="checkbox"/> TANKS ARE OWNED BY NATIVE AMERICAN NATION, TRIBE, OR INDIVIDUAL. TRIBE OR NATION: _____	
V. TYPE OF FACILITY			
SELECT THE APPROPRIATE FACILITY DESCRIPTION:			
<input type="checkbox"/> GAS STATION <input type="checkbox"/> PETROLEUM DISTRIBUTOR <input type="checkbox"/> AIR TAXI (AIRLINE) <input type="checkbox"/> AIRCRAFT OWNER <input type="checkbox"/> AUTO DEALERSHIP <input type="checkbox"/> RAILROAD	<input type="checkbox"/> LOCAL GOVERNMENT <input type="checkbox"/> STATE GOVERNMENT <input type="checkbox"/> FEDERAL-NON MILITARY <input type="checkbox"/> FEDERAL-MILITARY <input type="checkbox"/> COMMERCIAL <input checked="" type="checkbox"/> INDUSTRIAL	<input type="checkbox"/> CONTRACTOR <input type="checkbox"/> TRUCKING/TRANSPORT <input type="checkbox"/> UTILITIES <input type="checkbox"/> RESIDENTIAL <input type="checkbox"/> FARM <input type="checkbox"/> OTHER (EXPLAIN): _____	
VI. CONTACT PERSON IN CHARGE OF TANKS			
NAME <u>JIM THOMAS</u>		JOB TITLE <u>MAINTENANCE SUPERVISOR</u>	
		PHONE (AREA CODE) <u>313-282-7979</u>	
VII. FINANCIAL RESPONSIBILITY			
I HAVE MET THE FINANCIAL RESPONSIBILITY REQUIREMENTS AS REQUIRED IN THE UST RULES <input type="checkbox"/> SEE BELOW			
CHECK ALL THAT APPLY:			
<input type="checkbox"/> SELF INSURANCE <input type="checkbox"/> COMMERCIAL INSURANCE <input type="checkbox"/> RISK RETENTION GROUP	<input type="checkbox"/> GUARANTEE <input type="checkbox"/> SURETY BOND <input type="checkbox"/> LETTER OF CREDIT	<input type="checkbox"/> STATE FUNDS <input type="checkbox"/> TRUST FUND <input type="checkbox"/> OTHER METHOD ALLOWED (PLEASE SPECIFY) _____	
VIII. CERTIFICATION			
(READ AND SIGN AFTER COMPLETING ALL SECTIONS)			
I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS AND ALL ATTACHED DOCUMENTS, AND THAT BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THAT THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE.			
NAME AND OFFICIAL TITLE OF OWNER OR OWNERS' AUTHORIZED REPRESENTATIVE (PRINT) <u>Jim Thomas</u>		SIGNATURE 	DATE <u>7/31/92</u>

COMMENTS AND/OR CLARIFICATIONS TO THE FIRE MARSHAL STAFF: _____

2 UST's removed June 4, 1991

IX. DESCRIPTION OF UNDERGROUND STORAGE TANKS (COMPLETE FOR EACH TANK AT THIS LOCATION)

[illegible]

X. TANKS OUT OF USE OR CHANGE IN SERVICE

TANK IDENTIFICATION NUMBER	TANK # /	TANK # /	TANK #	TANK #	TANK #	TANK #	TANK #
1. CLOSING OF TANK							
A. ESTIMATED DATE LAST USED (MO/DAY/YR)							
B. ESTIMATED DATE TANK CLOSED (MO/DAY/YR)	6/4/91	6/4/91					
C. TANK WAS REMOVED FROM GROUND	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. TANK FILLED WITH INERT MATERIAL (SAND, CONCRETE, ETC.) DESCRIBE TYPE OF FILL USED AND REASON TANK WAS NOT REMOVED.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E. CHANGE IN SERVICE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. SITE ASSESSMENT COMPLETED	YES <input type="checkbox"/>	YES <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
EVIDENCE OF A LEAK DETECTED	NO <input type="checkbox"/>	NO <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

XI. CERTIFICATION OF COMPLIANCE (COMPLETE FOR ALL NEW AND UPGRADED TANKS AT THIS LOCATION)

1. INSTALLATION														
A. INSTALLER CERTIFIED BY TANK AND PIPING MANUFACTURER.	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
B. INSTALLER CERTIFIED OR LICENSED BY THE STATE FIRE MARSHAL.	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
C. INSTALLATION INSPECTED BY A REGISTERED ENGINEER.	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
D. INSTALLATION INSPECTED AND APPROVED BY STATE FIRE MARSHAL.	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
E. ANOTHER METHOD ALLOWED BY STATE FIRE MARSHAL. (PLEASE SPECIFY).														
2. RELEASE DETECTION	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE
A. MANUAL (STATIC) TANK GAUGING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. TANK TIGHTNESS TESTING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. INVENTORY CONTROL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. AUTOMATIC TANK GAUGING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E. VAPOR MONITORING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
F. GROUNDWATER MONITORING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
G. INTERSTITIAL MONITORING DOUBLE WALLED TANK/PIPING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
H. INTERSTITIAL MONITORING SECONDARY CONTAINMENT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I. AUTOMATIC LINE LEAK DETECTORS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
J. LINE TIGHTNESS TESTING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
K. OTHER METHOD ALLOWED BY IMPLEMENTING AGENCY (SPECIFY)														
3. SPILL AND OVERFILL PROTECTION														
A. OVERFILL DEVICE INSTALLED	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
B. SPILL DEVICE INSTALLED	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	

PLEDGE: I CERTIFY THE INFORMATION CONCERNING INSTALLATION THAT IS PROVIDED IN SECTION XI IS TRUE TO THE BEST OF MY BELIEF AND KNOWLEDGE.

INSTALLER

NAME PRINTED

SIGNATURE

DATE

POSITION

COMPANY

REGISTRATION FOR UNDERGROUND STORAGE TANKS

IMPLEMENTING AGENCY: MICHIGAN STATE POLICE — FIRE MARSHAL DIVISION	
TYPE OF NOTIFICATION:	<input checked="" type="checkbox"/> NEW REGISTRATION <input type="checkbox"/> AMENDED INFORMATION <input type="checkbox"/> CLOSURE
AUG -4 92	
2 NO. OF TANKS AT FACILITY	
1 NO. OF CONTINUATION SHEETS ATTACHED	MICHIGAN STATE POLICE

STATE USE ONLY	
ID NUMBER	35711
DATE RECEIVED	
A. DATE ENTERED INTO COMPUTER	ILS AUG-06 1992
B. DATA ENTRY CLERK INITIALS	
C. COMMENTS	

INSTRUCTIONS: PLEASE TYPE OR PRINT IN INK ALL ITEMS EXCEPT SIGNATURE IN SECTION VIII. THIS FORM MUST BE COMPLETED FOR ALL LOCATIONS CONTAINING UNDERGROUND STORAGE TANKS. IF MORE THAN SEVEN TANKS ARE OWNED AT ONE FACILITY OR LOCATION, PHOTOCOPY PAGES 3 AND 4, AND STAPLE CONTINUATION SHEETS TO THE FORM.

REGISTRATION IS REQUIRED BY STATE LAW FOR ALL REGULATED UNDERGROUND STORAGE TANKS, UNLESS THE UNDERGROUND STORAGE TANK HAS BEEN PROPERLY CLOSED OR REMOVED AND NOTIFICATION PROVIDED TO THE STATE FIRE MARSHAL. IF A CHANGE SUCH AS A NEW OWNER, NEW OR UPDATED TANKS AND/OR PIPES TAKES PLACE AT THE FACILITY, A REGISTRATION FORM MUST ALSO BE SUBMITTED TO THE STATE FIRE MARSHAL INDICATING ANY CHANGE IN THE INFORMATION PREVIOUSLY SUBMITTED. THE INFORMATION REQUESTED IS REQUIRED BY SECTION 2 OF ACT NO. 423 P.A. OF 1984, AS AMENDED.

WHO MUST NOTIFY? UNLESS EXEMPTED, OWNERS OF UNDERGROUND TANKS THAT STORE OR STORED REGULATED SUBSTANCES MUST NOTIFY THE STATE FIRE MARSHAL OF THE EXISTENCE OF THEIR TANKS. OWNER MEANS ANY PERSON WHO OWNS, OR OWNED AT THE TIME OF A RELEASE, AN UNDERGROUND STORAGE TANK USED FOR THE STORAGE, USE, OR DISPENSING OF REGULATED SUBSTANCES.

WHAT TANKS ARE INCLUDED? UNDERGROUND STORAGE TANK IS DEFINED AS ANY ONE OR COMBINATION OF TANKS THAT (1) IS USED TO CONTAIN AN ACCUMULATION OF "REGULATED SUBSTANCES" AND (2) WHOSE VOLUME (INCLUDING CONNECTED UNDERGROUND PIPING) IS 10% OR MORE BENEATH THE GROUND.

WHAT SUBSTANCES ARE COVERED? THE REGISTRATION REQUIREMENTS APPLY TO UNDERGROUND STORAGE TANKS THAT CONTAIN REGULATED SUBSTANCES. THIS INCLUDES ANY SUBSTANCE DEFINED AS HAZARDOUS IN SECTION 101(14) OF THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT (CERCLA), WITH THE EXCEPTION OF THOSE SUBSTANCES REGULATED AS HAZARDOUS WASTE UNDER SUBTITLE C OF RCRA. IT ALSO INCLUDES PETROLEUM, E.G., CRUDE OIL OR ANY FRACTION THEREOF WHICH IS LIQUID AT STANDARD CONDITIONS OF TEMPERATURE AND PRESSURE (60 DEGREES FAHRENHEIT AND 14.7 POUNDS PER SQUARE INCH ABSOLUTE).

WHAT TANKS ARE EXCLUDED? TANKS THAT HAVE BEEN PROPERLY CLOSED OR REMOVED PRIOR TO JANUARY 1, 1974 ARE NOT SUBJECT TO REGISTRATION. OTHER TANKS EXCLUDED FROM REGISTRATION ARE:

1. A FARM OR RESIDENTIAL TANK OF 1,100 GALLONS OR LESS CAPACITY USED FOR STORING MOTOR FUEL FOR NONCOMMERCIAL PURPOSES.
2. A TANK USED FOR STORING HEATING OIL FOR CONSUMPTIVE USE ON THE PREMISES WHERE THE TANK IS LOCATED.
3. A SEPTIC TANK.
4. A PIPELINE FACILITY, INCLUDING GATHERING LINES REGULATED UNDER EITHER OF THE FOLLOWING:
 - A. THE NATURAL GAS PIPELINE SAFETY ACT OF 1968, PUBLIC LAW 90-481, 49 U.S.C. APPX 1671 TO 1677, 1679a TO 1692, AND 1693 TO 1697.
 - B. SECTIONS 201 TO 215 AND 217 OF THE HAZARDOUS LIQUID PIPELINE SAFETY ACT OF 1979, TITLE II OF PUBLIC LAW 96-129, 49 U.S.C. APPX 2001 TO 2015.
5. A SURFACE IMPOUNDMENT, PIT, POND, OR LAGOON.
6. A STORM WATER OR WASTEWATER COLLECTION SYSTEM.
7. A FLOW-THROUGH PROCESS TANK.
8. A LIQUID TRAP OR ASSOCIATED GATHERING LINES DIRECTLY RELATED TO OIL OR GAS PRODUCTION AND GATHERING OPERATIONS.
9. A STORAGE TANK SITUATED IN AN UNDERGROUND AREA, SUCH AS A BASEMENT, CELLAR, MINERWORKING, DRIFT, SHAFT, OR TUNNEL IF THE STORAGE TANK IS SITUATED UPON OR ABOVE THE SURFACE OF THE FLOOR.
10. ANY PIPES CONNECTED TO A TANK THAT IS DESCRIBED IN SUBPARAGRAPHS 1 TO 16.
11. AN UNDERGROUND STORAGE TANK SYSTEM HOLDING HAZARDOUS WASTES LISTED OR IDENTIFIED UNDER SUBTITLE C OF THE SOLID WASTE DISPOSAL ACT, TITLE II OF PUBLIC LAW 89-272, 42 U.S.C. 6921 TO 6931 AND 6933 TO 6939b OR A MIXTURE OF SUCH HAZARDOUS WASTE AND OTHER REGULATED SUBSTANCES.
12. A WASTEWATER TREATMENT TANK SYSTEM THAT IS PART OF WASTEWATER TREATMENT FACILITY REGULATED UNDER SECTION 307(b) OF TITLE III OR SECTION 402 OF TITLE IV OF THE FEDERAL WATER POLLUTION CONTROL ACT, 33 U.S.C. 1317 AND 1342.
13. EQUIPMENT OR MACHINERY THAT CONTAINS REGULATED SUBSTANCES FOR OPERATIONAL PURPOSES SUCH AS HYDRAULIC LIFT TANKS AND ELECTRICAL EQUIPMENT TANKS.
14. AN UNDERGROUND STORAGE TANK SYSTEM WITH A CAPACITY OF 110 GALLONS OR LESS.
15. AN UNDERGROUND STORAGE TANK SYSTEM THAT CONTAINS A DE MINIMIS CONCENTRATION OF REGULATED SUBSTANCES.
16. AN EMERGENCY SPILL OR OVERFLOW CONTAINMENT UNDERGROUND STORAGE TANK SYSTEM THAT IS EXPEDITIOUSLY EMPTIED AFTER USE.

WHERE TO NOTIFY? SEND COMPLETED FORMS TO:

DEPARTMENT OF STATE POLICE
FIRE MARSHAL DIVISION
HAZARDOUS MATERIALS SECTION
3705 WEST JOLLY ROAD
P.O. BOX 30157
LANSING, MICHIGAN 48209

THERE IS A \$100.00 ANNUAL REGISTRATION FEE FOR EACH NEW TANK REGISTERED WITH THE STATE FIRE MARSHAL. MAKE CHECKS PAYABLE TO THE STATE OF MICHIGAN. PURSUANT TO ACT NO. 423 P.A. OF 1984, AS AMENDED, A CHECK OR MONEY ORDER FOR ALL NEW TANK REGISTRATIONS MUST ACCOMPANY THE REGISTRATION FORM BEFORE SUCH TANKS CAN BE CONSIDERED REGISTERED.

I. OWNERSHIP OF TANKS	II. LOCATION OF TANKS
DETROIT TUBULAR RIVET OWNER NAME (CORPORATION/INDIVIDUAL, ETC.) 1213 Grove Street STREET ADDRESS Wyandotte, MI 48192 CITY STATE ZIP Wayne Cty. COUNTY TOWNSHIP 313-282-7979 TELEPHONE (INCLUDING AREA CODE) 381 472 921 TAX PAYER ID OR SOCIAL SECURITY NUMBER	IF SAME AS SECTION I, PLEASE CHECK <input checked="" type="checkbox"/> same as section I FACILITY NAME OR CO SITE IDENTIFIER STREET ADDRESS (P.O. BOX NOT ACCEPTABLE) CITY STATE ZIP COUNTY TOWNSHIP TELEPHONE (INCLUDING AREA CODE)

*THIS INFORMATION IS CONFIDENTIAL.
DISCLOSURE OF CONFIDENTIAL INFORMATION
IS PROTECTED BY THE FEDERAL PRIVACY ACT.

AUTHORITY:
COMPLIANCE:
PENALTIES:

Act No. 423 P.A. of 1984, as amended.

Required

Any owner who knowingly fails to notify or submits false information shall be subject to a misdemeanor and/or civil penalties not to exceed \$5,000 per day for each tank for which notification is not given or for which false information is submitted.

III. TYPE OF OWNER	IV. INDIAN LANDS	
<input type="checkbox"/> FEDERAL GOVERNMENT <input type="checkbox"/> COMMERCIAL <input type="checkbox"/> STATE GOVERNMENT <input checked="" type="checkbox"/> PRIVATE <input type="checkbox"/> LOCAL GOVERNMENT	<input type="checkbox"/> TANKS ARE LOCATED ON LAND WITHIN AN INDIAN RESERVATION OR ON OTHER TRUST LANDS. <input type="checkbox"/> TANKS ARE OWNED BY NATIVE AMERICAN NATION, TRIBE, OR INDIVIDUAL. TRIBE OR NATION: _____	
V. TYPE OF FACILITY		
SELECT THE APPROPRIATE FACILITY DESCRIPTION:		
<input type="checkbox"/> GAS STATION <input type="checkbox"/> PETROLEUM DISTRIBUTOR <input type="checkbox"/> AIR TAXI (AIRLINE) <input type="checkbox"/> AIRCRAFT OWNER <input type="checkbox"/> AUTO DEALERSHIP <input type="checkbox"/> RAILROAD	<input type="checkbox"/> LOCAL GOVERNMENT <input type="checkbox"/> STATE GOVERNMENT <input type="checkbox"/> FEDERAL-NON MILITARY <input type="checkbox"/> FEDERAL-MILITARY <input type="checkbox"/> COMMERCIAL <input checked="" type="checkbox"/> INDUSTRIAL	<input type="checkbox"/> CONTRACTOR <input type="checkbox"/> TRUCKING/TRANSPORT <input type="checkbox"/> UTILITIES <input type="checkbox"/> RESIDENTIAL <input type="checkbox"/> FARM <input type="checkbox"/> OTHER (EXPLAIN): _____
VI. CONTACT PERSON IN CHARGE OF TANKS		
NAME <u>JIM THOMAS</u>	JOB TITLE <u>MAINTENANCE SUPERVISOR</u>	PHONE (AREA CODE) <u>313-282-7979</u>
VII. FINANCIAL RESPONSIBILITY		
I HAVE MET THE FINANCIAL RESPONSIBILITY REQUIREMENTS AS REQUIRED IN THE UST RULES <input type="checkbox"/>		
CHECK ALL THAT APPLY:		
<input type="checkbox"/> SELF INSURANCE <input type="checkbox"/> COMMERCIAL INSURANCE <input type="checkbox"/> RISK RETENTION GROUP	<input type="checkbox"/> GUARANTEE <input type="checkbox"/> SURETY BOND <input type="checkbox"/> LETTER OF CREDIT	<input type="checkbox"/> STATE FUNDS <input type="checkbox"/> TRUST FUND <input type="checkbox"/> OTHER METHOD ALLOWED (PLEASE SPECIFY) _____
VIII. CERTIFICATION		
(READ AND SIGN AFTER COMPLETING ALL SECTIONS)		
I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS AND ALL ATTACHED DOCUMENTS, AND THAT BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THAT THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE.		
NAME AND OFFICIAL TITLE OF OWNER OR OWNERS' AUTHORIZED REPRESENTATIVE (PRINT)	SIGNATURE	DATE
	<u>Jim Thomas</u>	<u>7/31/92</u>

COMMENTS AND/OR CLARIFICATIONS TO THE FIRE MARSHAL STAFF:

The 2 UST's being registered were removed
July June 4 1991

IX. DESCRIPTION OF UNDERGROUND STORAGE TANKS (COMPLETE FOR EACH TANK AT THIS LOCATION)

TANK IDENTIFICATION NUMBER		TANK #	TANK #	TANK #	TANK #	TANK #	TANK #	TANK #
1. STATUS OF TANKS (CHECK ONE)								
CURRENTLY IN USE		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEMPORARILY OUT OF USE **		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PERMANENTLY OUT OF USE **		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AMENDMENT OF INFORMATION		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
**ALSO COMPLETE SECTION X								
2. DATE OF INSTALLATION								
3. ESTIMATED TOTAL CAPACITY (GAL)								
4. MATERIAL OF CONSTRUCTION (MARK ALL THAT APPLY)								
ASPHALT COATED OR BARE STEEL		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CATHODICALLY PROTECTED STEEL		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
EPOXY COATED STEEL		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMPOSITE (STEEL WITH FIBERGLASS)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FIBERGLASS REINFORCED PLASTIC		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LINED INTERIOR		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DOUBLE WALLED		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
POLYETHYLENE TANK JACKET		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
EXCAVATION LINER		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CONCRETE		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
UNKNOWN		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OTHER, (PLEASE SPECIFY)								
HAS TANK BEEN REPAIRED?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. PIPING MATERIAL (MARK ALL THAT APPLY)								
BARE STEEL		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
GALVANIZED STEEL		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FIBERGLASS REINFORCED PLASTIC		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COPPER		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CATHODICALLY PROTECTED		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DOUBLE WALLED		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SECONDARY CONTAINMENT		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
UNKNOWN		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OTHER, (PLEASE SPECIFY)								
6. PIPING (TYPE) (MARK ALL THAT APPLY)								
SUCTION: NO VALVE AT TANK		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SUCTION: VALVE AT TANK		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRESSURE		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
GRAVITY FED		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
HAS PIPING BEEN REPAIRED?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. SUBSTANCE CURRENTLY OR LAST STORED IN GREATEST QUANTITY BY VOLUME								
GASOLINE		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DIESEL		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
GASOHOL		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
KEROSENE		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FUEL OIL (NOT FOR CONSUMPTIVE USE ON PREMISES)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
USED OIL		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OTHER (PLEASE SPECIFY)								
HAZARDOUS SUBSTANCE		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENS								

X. TANKS OUT OF USE OR CHANGE IN SERVICE

TANK IDENTIFICATION NUMBER	TANK #	TANK #	TANK #	TANK #	TANK #	TANK #	TANK #
1. CLOSING OF TANK							
A. ESTIMATED DATE LAST USED (MO/DAY/YR)							
B. ESTIMATED DATE TANK CLOSED (MO/DAY/YR)							
C. TANK WAS REMOVED FROM GROUND	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. TANK FILLED WITH INERT MATERIAL (SAND, CONCRETE, ETC.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DESCRIBE TYPE OF FILL USED AND REASON TANK WAS NOT REMOVED.							
E. CHANGE IN SERVICE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. SITE ASSESSMENT COMPLETED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
EVIDENCE OF A LEAK DETECTED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

XI. CERTIFICATION OF COMPLIANCE (COMPLETE FOR ALL NEW AND UPGRADED TANKS AT THIS LOCATION)

1. INSTALLATION														
A. INSTALLER CERTIFIED BY TANK AND PIPING MANUFACTURER.	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
B. INSTALLER CERTIFIED OR LICENSED BY THE STATE FIRE MARSHAL.	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
C. INSTALLATION INSPECTED BY A REGISTERED ENGINEER.	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
D. INSTALLATION INSPECTED AND APPROVED BY STATE FIRE MARSHAL.	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
E. ANOTHER METHOD ALLOWED BY STATE FIRE MARSHAL. (PLEASE SPECIFY).														
2. RELEASE DETECTION														
	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE
A. MANUAL (STATIC) TANK GAUGING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. TANK TIGHTNESS TESTING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. INVENTORY CONTROL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. AUTOMATIC TANK GAUGING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E. VAPOR MONITORING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
F. GROUNDWATER MONITORING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
G. INTERSTITIAL MONITORING DOUBLE WALLED TANK/PIPING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
H. INTERSTITIAL MONITORING SECONDARY CONTAINMENT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I. AUTOMATIC LINE LEAK DETECTORS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
J. LINE TIGHTNESS TESTING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
K. OTHER METHOD ALLOWED BY IMPLEMENTING AGENCY (SPECIFY)														
3. SPILL AND OVERFILL PROTECTION														
A. OVERFILL DEVICE INSTALLED	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
B. SPILL DEVICE INSTALLED	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	

PLEDGE: I CERTIFY THE INFORMATION CONCERNING INSTALLATION THAT IS PROVIDED IN SECTION XI IS TRUE TO THE BEST OF MY BELIEF AND KNOWLEDGE.

INSTALLER

NAME PRINTED

SIGNATURE

DATE

POSITION

COMPANY

APPENDIX C
CLIENT PROVIDED INFORMATION

DYNAMAC
CORPORATION

Environmental Services

12334 Valley Vista Drive
Chesterland, OH 44026

Telephone: (216) 729-6266
Fax: (216) 729-1358

April 27, 2012

Anita O'Brien
Director
Bacon Memorial District Library
45 Vinewood
Wyandotte, MI 48192

Dear Ms. O'Brien,

Enclosed herewith is a binder containing the following documents for the Detroit Tubular Rivet Site information repository.

- EPA Fact Sheet entitled "EPA Plans Urgent Cleanup at Former Rivet Maker" (April 2012)
- Title Search Report For Detroit Tubular Rivet Site (March 21, 2012)
- Site Assessment Report for Detroit Tubular Rivet Site (February 28, 2012)
- Violation Notice; Detroit Tubular Rivet, Inc. (January 12, 2012)
- Agency for Toxic Substances and Disease Registry Fact Sheet on Cyanide (July 2006)
- Agency for Toxic Substances and Disease Registry Fact Sheet on Methylene Chloride (February 2001)
- Miscellaneous Correspondence

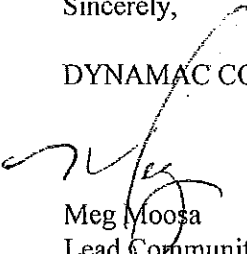
I am submitting these documents at the request of Heriberto León, Community Involvement Coordinator, U.S. Environmental Protection Agency. If needed, you may contact Mr. León directly at (312) 886-6163.

Please make this binder available to the public.

Do not hesitate to contact me at (440) 729-6266 should you have questions regarding this submittal.

Sincerely,

DYNAMAC CORPORATION



Meg Moosa
Lead Community Involvement Specialist

Enclosures



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5

9311 GROH ROAD
GROSSE ILE, MI 48183

US EPA RECORDS CENTER REGION 5



10 APR 2012

MEMORANDUM

SUBJECT: Request for Approval and Funding for a Time-Critical Removal Action at the Detroit Tubular Rivet Site, Wyandotte, Wayne County, Michigan (Site ID # C5C7)

FROM: Brian Kelly, On-Scene Coordinator
Emergency Response Section 2

THRU: Jason H. El-Zein, Chief
Emergency Response Branch 1

TO: Richard C. Karl, Director
Superfund Division

I. PURPOSE

The purpose of this Action Memorandum is to request and document your approval to expend up to \$397,295 to conduct a time-critical removal action at the Detroit Tubular Rivet Site (site) located at 1213 Grove Street, Wyandotte, Wayne County, Michigan, 48192. The proposed time-critical removal action herein will mitigate the threats from 300 drums, totes, and small containers, some of which were sampled and found to contain cyanide, acids, and methylene chloride (all of which are considered hazardous substances under the Comprehensive Environmental Response, Compensation, and Liability Act - CERCLA). The wastes will be secured, sampled, and arranged for off-site disposal. There are no nationally significant or precedent setting issues associated with the proposed response at this non-National Priority List (NPL) site.

The Action Memorandum would serve as approval for expenditures by Environmental Protection Agency, as the lead technical agency, to take actions described herein to abate the imminent and substantial endangerment posed by hazardous substances at the site. The proposed removal of hazardous substances would be taken pursuant to Section 104(a)(1) of CERCLA, 42 USC 9604(a)(1), and Section 300.415 of the National Oil and Hazardous Substances Pollution Contingency Plan (NCP), 40 Code of Federal Regulations (CFR) 300.415.

II. SITE CONDITIONS AND BACKGROUND

Name: Detroit Tubular Rivet
Superfund Site ID (SSID): C5C7
CERCLIS Number: MIN000510694
Site Location: 1213 Grove Street, Wyandotte, Michigan 48192
Lat/Long: 42.191608 -83.168303
Potentially Responsible Party (PRP): Detroit Tubular Rivet, Inc - Bankrupt
NPL Status: Non NPL
Project Schedule: 30 working days
Category: CERCLA Time-Critical

A. Site Description

1. Removal Site Evaluation

The site is located at 1213 Grove Street, Wyandotte, Michigan, 48192. The current owner is the bankrupt Detroit Tubular Rivet Inc. (DTR). DTR manufactured bolts, nuts, rivets and washers, specializing in metal rivets (NAICS 332722), and operated zinc and brass electroplating services, from 1954 until filing for Chapter 11 bankruptcy on December 17, 2010, file number 10-77682, in the US Bankruptcy Court, Detroit, Michigan.

On January 20, 2012, Michigan Department of Environmental Quality (MDEQ) requested EPA assistance in cleanup of the site. MDEQ included in its referral to EPA a January 12, 2012, Violation Notice sent to DTR that listed 16 hazardous and liquid industrial waste violations including failure to perform the following: minimize the possibility of fire, explosion, or release of hazardous waste which could threaten human health and/or the environment; maintain containers of hazardous waste in good condition; maintain closed hazardous waste containers except when adding or removing waste; and manage waste in a manner that prevents the discharge of liquid industrial waste into the soil, surface water, groundwater, or a drain or sewer. DTR's response to the Violation Notice stated, "DTR will not be able to address your violations; I am jobless with no money to pay for disposal."

On January 30, 2012, EPA conducted a site assessment, which documented the site as abandoned with more than 300 drums, totes, and containers. Operations at the site ceased in August 2011, when nearly all equipment was sold off at auction. Only chemicals and a few pieces of equipment associated with the site were still present during the site assessment. The remaining 300 plus containers are stored in approximately 11 areas of the site, which includes 100 steel, polyethylene (poly) and fiber drums. Some of the drums show signs of deterioration, damage, or possible leaking, and seven drums were found labeled as containing sodium or copper cyanide residuals. EPA collected representative samples from two blue poly drums and one steel drum that showed drums DTR-WL02-013012 and DTR-WL03-013012 contain liquids with a pH of less than 1 standard unit (SU), which according to regulations at 40 CFR 261.22, makes the waste hazardous for characteristics of corrosivity. Solid samples taken from a steel roll-off dumpster and a fiber drum showed DTR-WS01-013012 and DTR-WS02-013012 contain

cyanide, which is a listed hazardous substance under 40 CFR 302.4. The site assessment documented five drums labeled as *Hazardous Waste - Methylene Chloride*, which is a hazardous waste under 40 CFR 261.31. The sampling conducted during the site assessment was representative of site conditions and the abandoned containers.

2. Physical location

On the site property is a single-story, 53,000 square foot (ft²) building, and several concrete parking and undeveloped grassy areas. The surrounding area is mixed light industrial and residential, bordered by Grove Street and industrial properties to the north, industrial properties and railroad tracks to the east, industrial properties to the south, and 14th Street, residences, and Monroe Elementary School to the west. Monroe Elementary School is located 400 feet directly west, and the nearest residences are located 200 feet to the northwest. The Trenton Channel of the Detroit River is approximately 0.8 mile southeast of the site (see attachment 4).

The property is abandoned, in general disrepair, with evidence of trespassing and vandalism. The building consists of offices to the north end with the remainder of the facility made up by warehouse space used for industrial processes, shipping, and storage. At least one manhole cover was identified within the site building during the site assessment, and two storm water grates exist along the site perimeter on Grove Street and 14th Street. Several areas of the building contain partially full to overflowing trenches and pits. A dumpster located on the west exterior side of the building contains electroplating waste water solids, is unsecured and easily accessible, unlabeled, and covered with only a thin layer of plastic sheeting.

The area surrounding the site was screened for Environmental Justice (EJ) concerns using Region 5's EJ Assist Tool (which applies the interim version of the national EJ Strategic Enforcement Assessment Tool (EJSEAT)). Census tracts with a score of 1, 2, or 3 are considered to be high-priority potential EJ areas of concern. This site is in a census tract with a score of 2. Therefore, Region 5 does consider this site to be a high-priority potential EJ area of concern. Please refer to the attached analysis for additional information (Attachment 2).

3. Site Characteristics

The wastes are abandoned, without secondary containment and can be accessed by anyone entering the building. The site is non-operational and vacant, except for the remaining chemicals and minor equipment. Wastes are present in various open and closed aboveground storage tanks, vats, totes, drums, and small containers, and various areas of the floor are stained with releases of oil, grease, and possible plating waste solids. Of the 11 storage areas, only one small area within the building has a secondary containment surrounding stored containers. Some drums showed signs of deterioration, damage, or possible leaking. Trenches and pits within the building are partially full to overflowing with liquids, oil and sludge, or possibly antifreeze. A dumpster located on the west exterior side of the building contains electroplating waste water solids, is unsecured and easily accessible, unlabeled, and covered with only a thin layer of plastic sheeting. Perimeter fencing exists along the east side of the building; otherwise, perimeter property access is unrestricted. The roof and west side of the building have two small access

points, and one window is broken from suspected trespassing. The MDEQ has requested EPA's assistance in addressing environmental hazards at the site.

4. Release or threatened release into the environment of a hazardous substance, or pollutant or contaminant

On January 30, 2012, EPA conducted a site assessment that found corrosive waste (40 CFR 261.22), methylene chloride waste (40 CFR 261.31), and cyanide waste (40 CFR 302.4) present at the site. Many of the 300 plus containers are open, unsecured, and without secondary containment. The site is without power, unsecured, abandoned, and accessible to trespassers. Access points for precipitation and wildlife exist.

5. NPL status

The site is not on the NPL.

6. Maps, pictures and other graphic representations

Attachments 4 and 5 show the location of the site and the location of the samples.

B. Other Actions to Date

1. Previous actions

There have been no previous response actions at the site.

2. Current actions

No current actions are being taken at the site. The site is abandoned.

C. State and Local Authorities' Roles

1. State and local actions to date

On January 20, 2012, MDEQ requested EPA assistance in conducting a cleanup.

2. Potential for continued State/local response

Given the exigency of the situation, neither the state nor local governments have the resources to conduct a removal action.

III. THREATS TO PUBLIC HEALTH OR THE ENVIRONMENT, AND STATUTORY AND REGULATORY AUTHORITIES

The conditions remaining at the site present a substantial threat to the public health or welfare, and the environment, and meet the criteria for a time-critical removal action as provided for in the NCP, 40 CFR 300.415(b)(2). These criteria include, but are not limited to, the following:

Actual or potential exposure to nearby human populations, animals, or the food chain from hazardous substances or pollutants or contaminants.

The nearest residences are located 200 ft northwest of the site with additional residences to the west and southwest. Monroe Elementary School is located less than 400 ft directly west. The presence of the residences and a school increase the likelihood of human exposure if a release of hazardous substances were to occur. The site assessment documented more than 300 vats, totes, drums, pits, trenches, and small containers without secondary containment. Some of these containers included corrosive hazardous waste, labeled hazardous waste, and listed hazardous substances. The routes of exposure at this abandoned site include trespassing, vandalism, metal scraping, and fire.

Actual or potential contamination of drinking water supplies or sensitive ecosystems

The site assessment documented vats, totes, drums, pits, trenches, and small containers with no secondary containment. A release from the site could flow through floor drains or perimeter storm water drains into sewer lines to the Trenton Channel of the Detroit River, which is less than 1 mile from the site. Cyanide and methylene chloride in particular could negatively impact sensitive ecosystems through fish kills and biota disruption.

Hazardous substances or pollutants or contaminants in drums, barrels, tanks, or other bulk storage containers, that may pose a threat of release.

During the site assessment, over 300 containers of various sizes were found. Sampling showed some of these containers contain corrosive waste and cyanide. The site assessment documented some of the drums are labeled as hazardous wastes containing methylene chloride and sodium or copper cyanide residuals. Many of the drums show signs of damage, and spills and leaks have occurred in several areas of the building. A roll-off dumpster containing cyanide electroplating solids is located on the exterior of the building and is unsecured and easily accessible.

The relatively unrestricted site access could result in trespassers causing accidental or intentional releases of hazardous substances. The close proximity of the site to residences and Monroe Elementary School increases potential threats of release.

Weather conditions that may cause hazardous substances or pollutants or contaminants to migrate or be released.

The site is abandoned; the building will likely continue to deteriorate. Continued freezing and thawing of the wastes may cause drums to further release hazardous substances.

Threat of fire or explosion

The threat of fire or explosion at the site exists based on the flammable nature of some materials at the site (such as paints, automotive aerosol products, and flammable containers) and because the building is unoccupied. The probability for an intentional or unintentional fire being set at a vacant facility will increase over time as more incidents of vandalism or trespassing occur. A fire occurring at the site has the potential to create toxic gases containing constituents such as cyanides.

The availability of other appropriate federal or state response mechanisms to respond to the release.

No other federal or state response mechanism is available to respond in a timely manner given the exigencies of the situation.

IV. ENDANGERMENT DETERMINATION

Given the site conditions, the nature of the known and suspected hazardous substances on site, and the potential exposure pathways described in Sections II and III above, actual or threatened releases of hazardous substances from this site, if not addressed by implementing the response actions selected in this Action Memorandum, may present an imminent and substantial endangerment to public health, or welfare, or the environment.

V. PROPOSED ACTIONS AND ESTIMATED COSTS

A. Proposed Actions

1. Proposed action description

The response actions described in this memorandum directly address actual or potential releases of hazardous substances on site, which may pose an imminent and substantial endangerment to public health, or welfare, or the environment. Removal activities on site will include:

- a) Develop and implement a site Health and Safety Plan;
- b) Develop and implement a work plan; and

- c) Secure, characterize, remove, and properly dispose of the drums, containerized wastes, spilled waste materials, associated contaminated soil, and hazardous debris located at the site.

All hazardous substances, pollutants, or contaminants removed off-site pursuant to this removal action for treatment, storage, and disposal shall be treated, stored, or disposed of at a facility in compliance, as determined by EPA, with the EPA Off-Site Rule, 40 C.F.R. § 300.440.

The removal action will be conducted in a manner not inconsistent with the NCP. The OSC has initiated planning for provisions of post-removal site control consistent with the provisions of 40 C.F.R. 300.415(l). Elimination of all threats presented by hazardous substances in the buildings is expected to eliminate the need for post-removal site controls.

2. Contribution to remedial performance:

The proposed action will not impede future actions based on available information.

3. Engineering Evaluation/Cost Analysis (EE/CA)

Not Applicable

4. Applicable or relevant and appropriate requirements (ARARs)

All applicable, relevant, and appropriate requirements (ARARs) of Federal and State law will be complied with to the extent practicable considering the exigencies of the circumstances. On February 27, 2012, a letter was sent to Mark Daniels of MDEQ requesting applicable State of Michigan ARARs.

Federal

Federal ARARs for this site primarily include 40 CFR 300.415(b)(2), which will address removal work at the site; 40 CFR Part 260, which will address disposal of waste, and 40 CFR 300.440, which will address off site shipment of waste.

5. Project Schedule

The project will require approximately 30 working days to complete.

The detailed cleanup contractor cost is presented in Attachment 6 and the Independent Government Cost Estimate is presented in Attachment 3; estimated costs are summarized below:

B. Estimated Costs

REMOVAL ACTION PROJECT CEILING ESTIMATE	
<u>Extramural Costs:</u>	
<u>Regional Removal Allowance Costs:</u>	
Cleanup Contractor Costs(Includes a 15 % contingency)	\$ 268,295
<u>Other Extramural Costs Not Funded from the Regional Allowance:</u>	
Total START	\$ 62,784
Subtotal	\$ 331,079
Costs Contingency (20% of Subtotal)	\$ 66,216
TOTAL REMOVAL ACTION PROJECT CEILING	\$ 397,295

VI. EXPECTED CHANGE IN THE SITUATION SHOULD ACTION BE DELAYED OR NOT TAKEN

Given the site conditions, the nature of the hazardous substances and pollutants or contaminants documented on site, the potential exposure pathways to nearby populations described in Sections II, III and IV above, actual or threatened release of hazardous substances and pollutants or contaminants from the site, failing to take or delaying action may present an imminent and substantial endangerment to public health, welfare or the environment, increasing the potential that hazardous substances will be released, thereby threatening the adjacent population and the environment.

VII. OUTSTANDING POLICY ISSUES

None

VIII. ENFORCEMENT

For administrative purposes, information concerning the enforcement strategy for this site is contained in the Enforcement Confidential Addendum¹.

Direct Costs	+	Indirect Costs	=	Estimated EPA Costs
(\$397,295 + \$10,000)		(407,295 x 62.76%)		
\$ 407,295		\$ 255,618		\$662,913

The total EPA costs for this removal action based on full-cost accounting practices that will be eligible for cost recovery are estimated to be \$662,913.

IX. RECOMMENDATION

This decision document represents the selected removal action for the Detroit Tubular Rivet Site located in Wyandotte, Wayne County, Michigan, developed in accordance with CERCLA as amended, and is not inconsistent with the NCP. This decision is based on the administrative record for the site (Attachment 1). Conditions at the site meet the NCP Section 300.415(b)(2) criteria for a removal and I recommend your approval of the removal action proposed in this Action Memorandum.

The total project ceiling if approved will be \$397,295, of which an estimated \$334,511 may be used for cleanup contractor costs. You may indicate your approval by signing below.

Approve:  4.10.12
Director, Superfund Division Date

Disapprove: _____
Director, Superfund Division Date

Enforcement Addendum

¹ Direct Costs include direct extramural costs and direct intramural costs. Indirect costs are calculated based on an estimated indirect cost rate expressed as a percentage of site-specific direct costs, consistent with the full cost accounting methodology effective October 2, 2000. These estimates do not include pre-judgment interest, do not take into account other enforcement costs, including Department of Justice costs, and may be adjusted during the course of a removal action. The estimates are for illustrative purposes only and their use is not intended to create any rights for responsible parties. Neither the lack of a total cost estimate nor deviation of actual total costs from this estimate will affect the United States' right to cost recovery.

Attachments 1. Administrative Record Index
 2. Region 5 EJ Analysis
 3. Independent Government Cost Estimate
 4. Site Location Map
 5. Site Layout Map
 6. Detailed Cleanup Contractor Costs

cc: S. Fielding, U.S. EPA, 5104A
 (fielding.sherry@epa.gov)
 D. Valencia, U.S. Department of Interior, **w/o Enf. Attachment**
 (darby_valencia@ios.doi.gov)
 D. Wyant, Director, MDEQ, **w/o Enf. Addendum**
 (WyantD@michigan.gov)
 B. Schuette, Michigan Attorney General, **w/o Enf. Addendum**
 (SchuetteB@michigan.gov)
 J. Walczak, MDEQ, **w/o Enf. Addendum**
 (walczakj@michigan.gov)
 M. Daniels, MDEQ, **w/o Enf. Addendum**
 DANIELSM@michigan.gov

ENFORCEMENT ADDENDUM

ENFORCEMENT CONFIDENTIAL
NOT SUBJECT TO DISCOVERY

FOIA EXEMPT

DETROIT TUBULAR RIVET SITE
WYANDOTTE, WAYNE COUNTY, MICHIGAN
APRIL 2012

(REDACTED 2 PAGES)

ENFORCEMENT CONFIDENTIAL
NOT SUBJECT TO DISCOVERY

ATTACHMENT 1

DTR SITE
WYANDOTTE, MI
APRIL 2012

ORIGINAL
FEBRUARY 2012

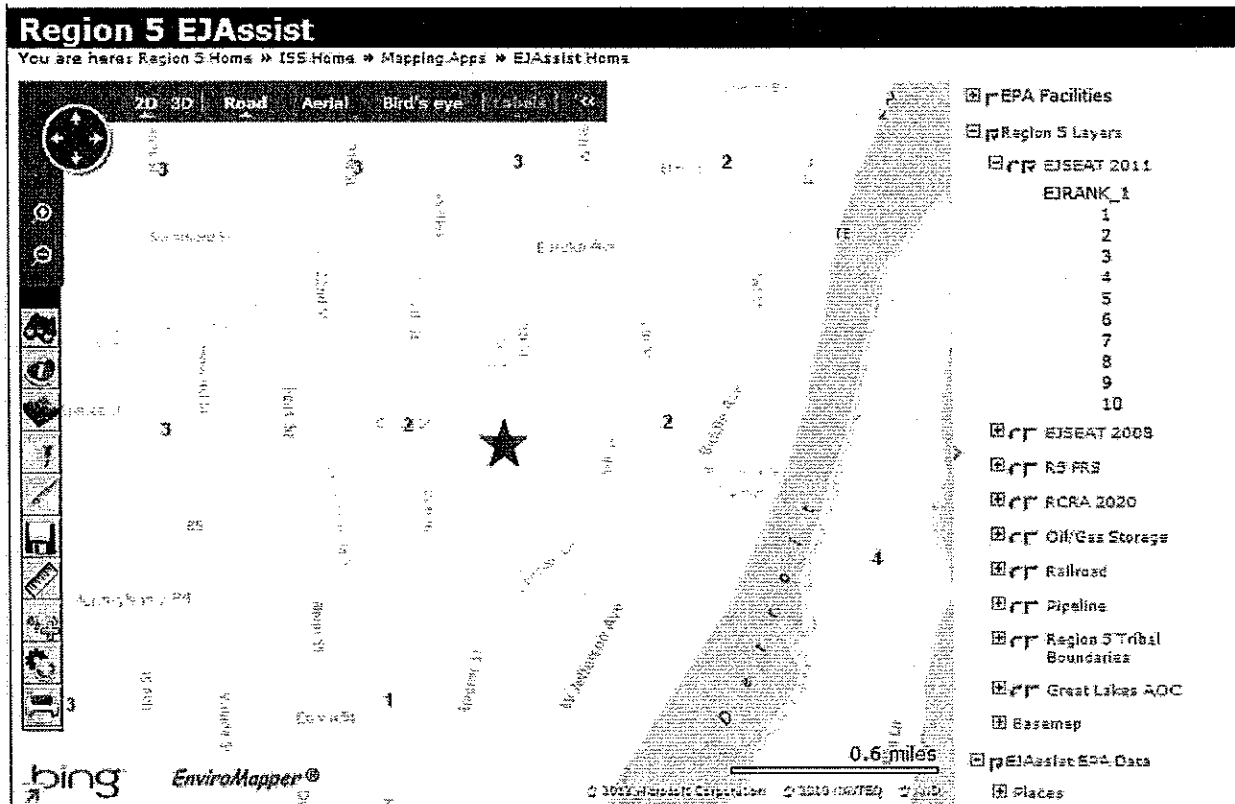
<u>NO.</u>	<u>DATE</u>	<u>AUTHOR</u>	<u>RECIPIENT</u>	<u>TITLE/DESCRIPTION</u>	<u>PAGES</u>
1	01/12/12	Daniels, M., MDEQ	Addressees	Letter re: Violation Notice; Detroit Tubular Rivet, Inc. (DTR); Site Identification No.: MID005373774	6
2	01/20/12	Daniels, M., MDEQ	Kimble, J., U.S. EPA	E-mail Message re: MDEQ Request for Assistance at the Detroit Tubular Rivet Site (Forwarded Message)	
3	01/25/12	Keast, J., Detroit Tubular Rivet	Daniels, M., MDEQ	Letter re: Detroit Tubular Rivet Response to MDEQ Letter Dated January 12, 2012 (Forwarded Message)	2
4	02/27/12	Kelly, B., U.S. EPA	Daniels, M., MDEQ	Letter re: Request for MDEQ to Identify any ARARs for the Proposed Removal Action at the Detroit Tubular Rivet Site	1
5	02/28/12	Weston Solutions, Inc.	U.S. EPA	Site Assessment Report for the Detroit Tubular Rivet Site	50
6	00/00/00	Kelly, B., U.S. EPA		Action Memorandum: Detroit Tubular Rivet Site (PENDING)	

ATTACHMENT 2

EJ ANALYSIS FOR DTR SITE WYANDOTTE, MI APRIL 2012

The area surrounding the site was screened for Environmental Justice (EJ) concerns using Region 5's EJ Assist Tool (which applies the interim version of the national EJ Strategic Enforcement Assessment Tool (EJSEAT)). Census tracts with a score of 1, 2, or 3 are considered to be high-priority potential EJ areas of concern. This site is in a census tract with a score of 2. Therefore, Region 5 does consider this site to be a high-priority potential EJ area of concern. Please refer to the attached analysis for additional information.

Map Showing EJ SEAT Values For Surrounding Area



ATTACHMENT 3

INDEPENDENT GOVERNMENT COST ESTIMATE

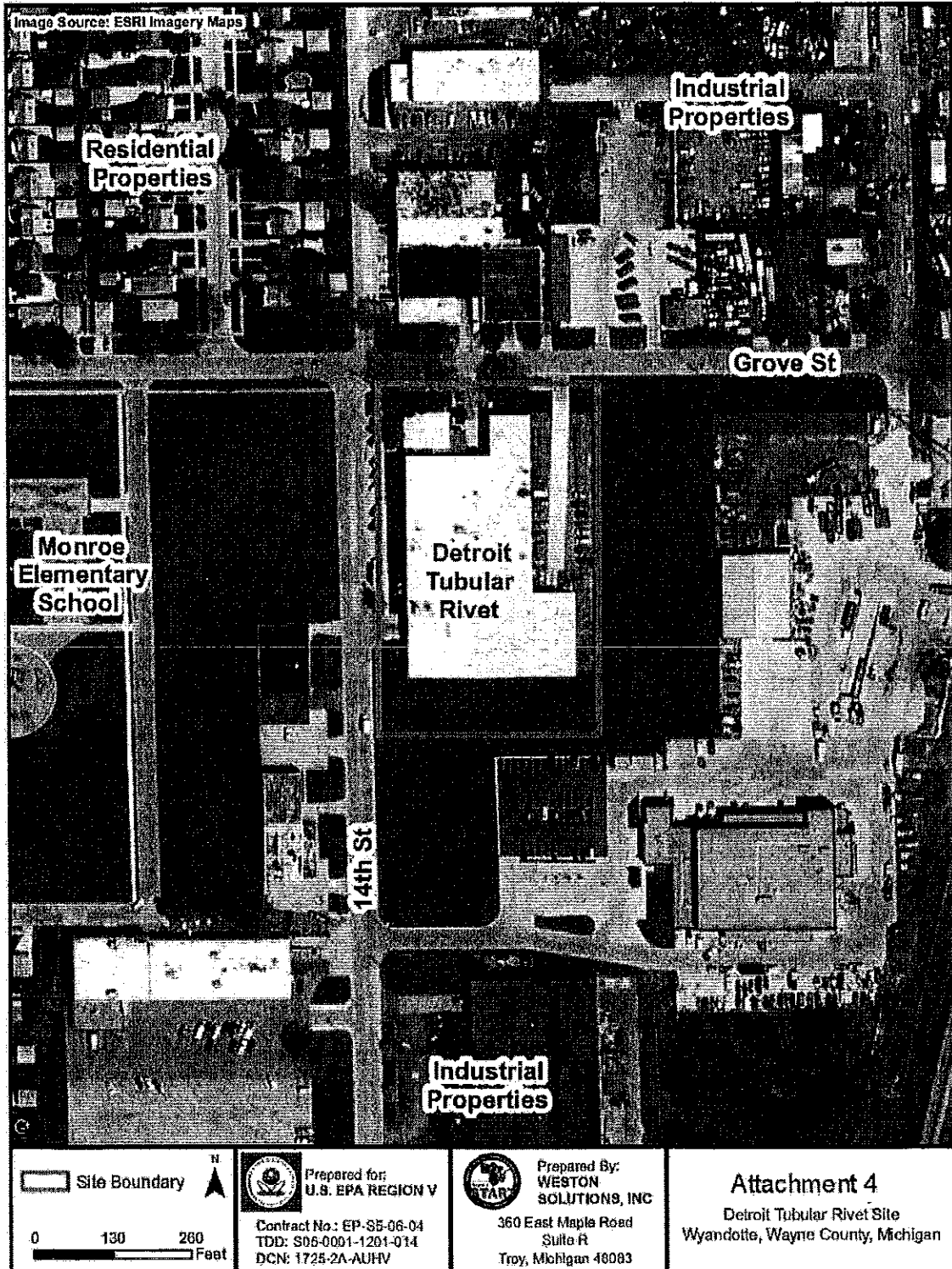
**DETROIT TUBULAR RIVET SITE
WYANDOTTE, WAYNE COUNTY, MICHIGAN
APRIL 2012**

(REDACTED 2 PAGES)

NOT RELEVANT TO THE SELECTION OF THE REMOVAL ACTION

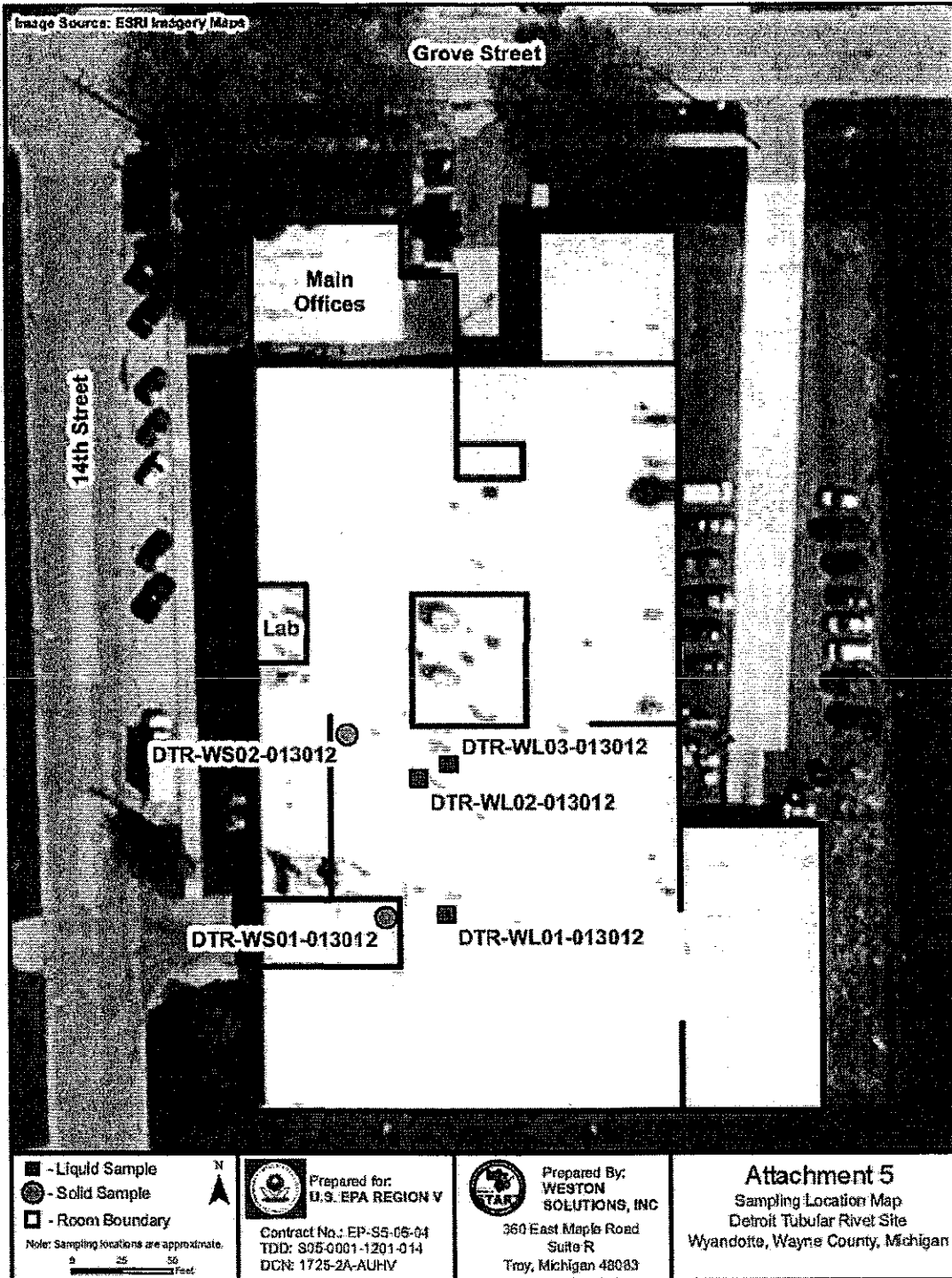
ATTACHMENT 4
SITE LOCATION MAP

DTR SITE
WYANDOTTE, MI
APRIL 2012



ATTACHMENT 5
SITE LAYOUT MAP

DTR SITE
WYANDOTTE, MI
APRIL 2012



ATTACHMENT 6
DETAILED CLEANUP CONTRACTOR ESTIMATE

DTR SITE
WYANDOTTE, MI
APRIL 2012

Personnel & Equipment	\$ 149,750
Materials & Misc	\$ 19,550
Transportation and Disposal	\$ 64,000
TOTAL	\$ 233,300

EPA Plans Urgent Cleanup at Former Rivet Maker

Detroit Tubular Rivet Co.
Wyandotte, Michigan

April 2012

EPA hosts open house

EPA staff will be hosting an informal open house/availability session where you can come and ask questions and discuss the Detroit Tubular cleanup.

Wednesday, May 2

4 – 6 p.m.

**Department of Public
Service Building
4201 13th St.
Wyandotte, Michigan**

Contacts

If you need more information about the emergency cleanup at the site or have questions or comments, you can contact the following team members:

Brian Kelly

On-Scene Coordinator
EPA Region 5
9311 Groh Road
Grosse Ile, MI 48138
734-692-7684
kelly.brian@epa.gov

Heriberto León

Community Involvement
Coordinator
EPA Region 5
77 W Jackson Blvd., SI-7J
Chicago, IL 60604
312-886-6163
leon.heriberto@epa.gov

Joe DeGrazia

Michigan DEQ
27700 Donald Court
Warren, MI 48092
586-753-3812
degraziaj@michigan.gov

*(document repository and website
information on back page)*

The U.S. Environmental Protection Agency plans to take emergency action this spring to clean up hundreds of waste containers abandoned at the former Detroit Tubular Rivet Co. The site is at 1213 Grove St., Wyandotte. EPA's cleanup at the property is classified as a "time-critical removal action." The work will be conducted with the Agency's authority under the federal Comprehensive Environmental Response, Compensation, and Liability Act, better known as the Superfund law.

Detroit Tubular Rivet Inc. manufactured bolts, nuts, rivets and other small parts. It also provided zinc and brass electroplating services. The company operated from 1954 until filing for bankruptcy in December 2010. The business was liquidated last fall.

Company cited for violations

Michigan Department of Environmental Quality asked EPA to undertake the cleanup work. A MDEQ legal notice sent to the company listed 16 hazardous and liquid industrial waste violations including failure to minimize the possibility of fire, explosion or release of hazardous waste. According to the notice, the violations could threaten human health and the environment. Among other issues, officials cited the company for failure to maintain hazardous waste containers in good condition and for sloppy waste handling.

EPA responders inspected the property and found 300 drums, totes, and small containers. Some of the containers were sampled and found to contain cyanide, acids and methylene chloride. All of these are considered hazardous substances.

The building is abandoned and there are signs of trespassing. EPA staff concluded the site poses an "imminent and substantial threat to human health and the environment." That conclusion allows the Agency to legally and quickly clean up the pollution.

Cleanup plans

EPA officials say the emergency cleanup will start in mid-May and take about 4-8 weeks. EPA plans to identify the substances and remove the hazardous ones for off-site disposal. Additional cleanup activities may include securing the site and monitoring the air along the edges of the property during the cleanup. EPA officials estimate the removal action will cost \$200,000.

Abandoned Hazardous Waste Target of Urgent EPA Cleanup

Detroit Tubular and Rivet Co.
Wyandotte, Michigan

Availability Session: May 2

(details front page)

For more information

You can review documents about
the Detroit Tubular cleanup at the
official repository set up at:

Bacon Memorial District Library
45 Vinewood
Wyandotte

Detroit Tubular website:

[www.epa.gov/region5/cleanup/
detroittubular](http://www.epa.gov/region5/cleanup/detroittubular)

Reproduced on Recycled Paper



DETROIT TUBULAR: EPA Plans Emergency Cleanup

United States
Environmental Protection
Agency
Region 5
Superfund Division (SI-7J)
77 W. Jackson Blvd.
Chicago, IL 60604-3590



First Class Mail
Postage and Fees Paid
EPA
Permit No. G-35

**TITLE SEARCH REPORT
FOR
DETROIT TUBULAR RIVET SITE
WYANDOTTE, WAYNE COUNTY, MICHIGAN**

NPL STATUS: NON-NPL

Prepared for:

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Emergency Response Branch
Region V
77 West Jackson Boulevard
Chicago, Illinois 60604-3507

Prepared by:

WESTON SOLUTIONS, INC.
20 North Wacker Drive, Suite 1210
Chicago, Illinois 60606

Date Prepared	March 21, 2012
Technical Direction Document Number	S05-009-1202-105
Document Control Number	1751-2A-AVFQ
Contract Number	EP-S5-06-04
WESTON START Project Manager	Sara Habert
Telephone Number	(312) 424-3303
WESTON START Technical Lead	Sara Habert
U.S. EPA Enforcement Specialist	Cheryl McIntyre

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2. CURRENT OWNERSHIP INFORMATION	4
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LIST OF APPENDICES

Appendix A Title References

LIST OF ATTACHMENTS

Attachment A Title References A-1 through A-16

1. INTRODUCTION

The United States Environmental Protection Agency (U.S. EPA) Region V requested that Weston Solutions, Inc.® (WESTON) perform title search activities for the Detroit Tubular Rivet Site (the Site), located at 1213 Grove Street, Wyandotte, Wayne County, Michigan. The objective of this title search is to compile a property chain-of-title from 1980 to the present and to summarize the information into a final title search report.

1.1 METHODOLOGY

The U.S. EPA Enforcement Specialist, Ms. Cheryl McIntyre, provided the research objectives for this assignment and directions regarding the information to be developed. Title documents were collected by Guaranty Title Insurance Company of Chicago, Illinois. Information regarding the condition of title for the property is described in Section 3.

1.2 LEGAL DESCRIPTION

The land referred to herein below is situated in the county of Wayne, state of Michigan, and is described as follows:

Lot 32, Wyandotte Industrial Subdivision No. 1, according to the recorded Plat thereof as recorded in Liber 87 of Plats, Pages 65 and 66, Wayne County Records, except the South portion of Lot 32 more particularly described as beginning at the Southeast corner of Lot 32; thence North 0 degrees 02 minutes 00 seconds East 109.98 feet along the East lot line of Lot 32; thence North 89 degrees 07 minutes 40 seconds West 296.30 feet; thence South 0 degrees 02 minutes 00 seconds West 30.00 feet; thence South 89 degrees 07 minutes 40 seconds East 18.00 feet; thence South 0 degrees 02 minutes 00 seconds West 79.98 feet to the South property line of Lot 32; thence South 89 degrees 07 minutes 40 seconds East 278.30 feet to the point of beginning,

And

The North 17.00 feet of Lot 237 and Lots 238 to 246, inclusive including the adjoining one half of the vacated public alley at the rear thereof, Detroit River Land Company's Subdivision No. 1, according to the recorded Plat thereof as recorded in Liber 37 of Plats, Pages 24, Wayne County Records, also, that part of the Southwest ¼ of Section 32, Town 3 South, Range 11 East, City of Wyandotte, Wayne County, Michigan, described as beginning at a point on the East line of Detroit River Land Company's Subdivision No. 1 distant South 0 degrees 02 minutes 00 seconds West 10.00 feet from the Northeast corner of Lot 246 of said subdivision, said point being on the South line of Grove Street and proceeding thence along the South line of Grove Street South 86 degrees 57 minutes 47 seconds East 278.65 feet, thence South 0 degrees 02 minutes 00 seconds West 204.47 feet, thence North 89 degrees 07 minutes 40 seconds West 278.30 feet to the East

IAWOSTART31175144377

1

DCN: 1751-2A-AVFQ

line of Detroit River Land Company's Subdivision No. 1, thence along said East line North 0 degrees 02 minutes 00 seconds East 215.00 feet to the point of beginning.

Commonly known as 1213 Grove and Vacant 13th

Tax Parcel Nos.:

57-022-11-0237-002

57-022-10-0032-301

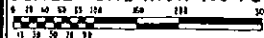
57-022-10-0032-303

A parcel map is included as Figure 1.

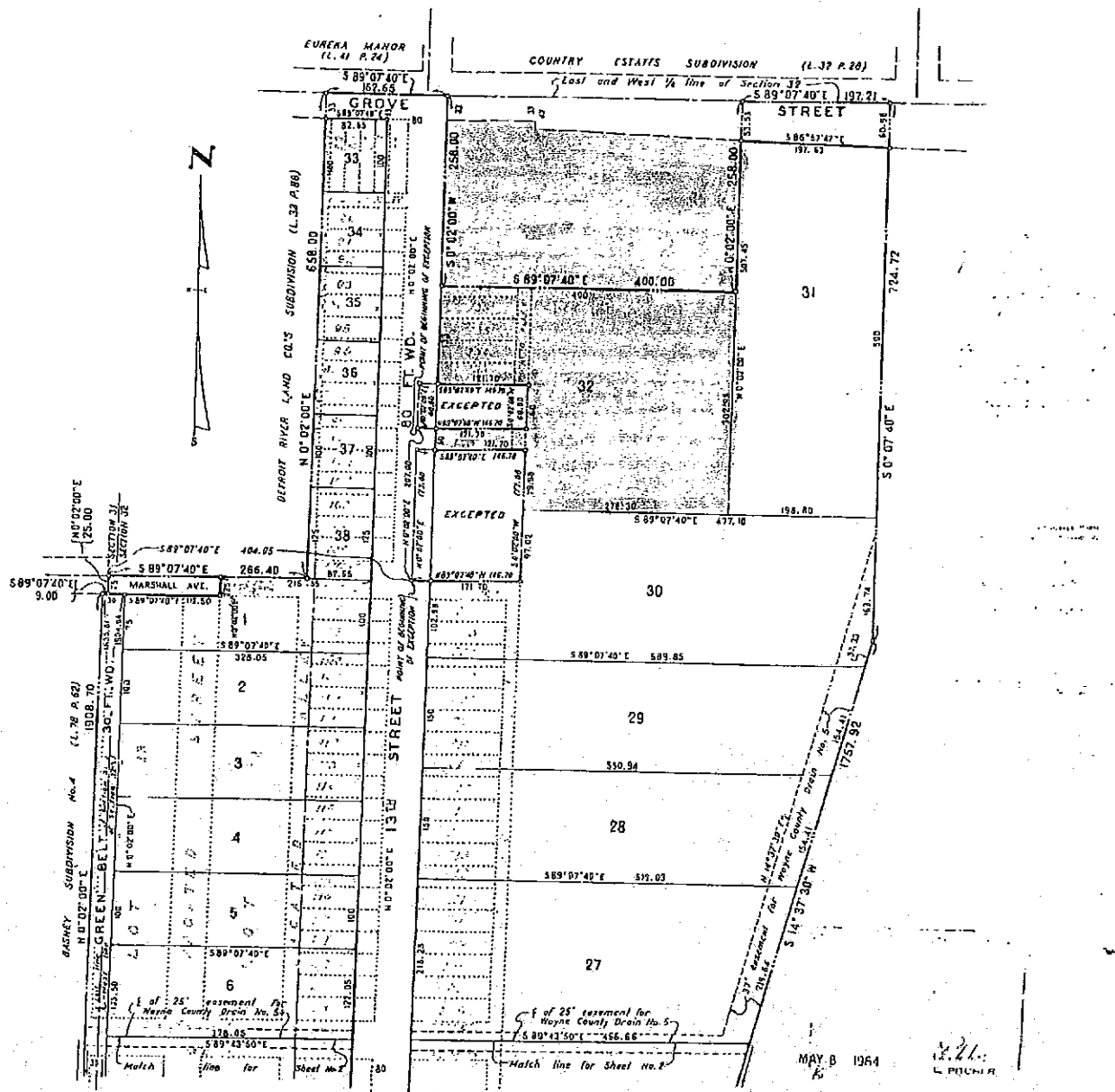
WYANDOTTE INDUSTRIAL SUBDIVISION No. 1

OF PARTS OF THE S.E. 1/4 OF SECTION 31 AND THE S.W. 1/4 OF SECTION 32, T. 3 S., R. 11 E.,
CITY OF WYANDOTTE, WAYNE COUNTY, MICHIGAN.

SCALE—ONE INCH=100 FEET.



NOTE: All dimensions are shown in feet and decimals thereof.

LESLIE A. BOAM,
Registered Civil Engineer
and Land Surveyor.SHEET ONE
OF
TWO SHEETS

DESCRIPTION OF LAND PLATTED

The land embraced in the unimproved plot of WYANDOTTE INDUSTRIAL SUBDIVISION No. 1 of parts of the S.E. 1/4 of Section 31 and the S.W. 1/4 of Section 32, T. 3 S., R. 11 E., City of Wyandotte, Wayne County, Michigan, being in part a subdivision of Lots 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, of Detroit River Land Co.'s Subdivision, (L. 33, P. 88, Wayne County Records) and Lots 85 to 160, both inclusive, Lots 170 to 224, both inclusive, Lot 250, Lots 253 to 256, both inclusive and the south 15 feet of Lot 257 of Detroit River Land Co.'s Subdivision No. 1, (L. 37, P. 24, Wayne County Records) including vacated streets and alleys, comprises Lots 1 to 38, both inclusive and is described as follows: Beginning at the Section Corner common to the S.E. corner of Section 31 and the S.W. corner of Section 32, T. 3 S., R. 11 E., and proceeding thence along the south line of Section 31, N. 89° 07' 40" E., 18.50 ft. to the S.E. corner of Basney Subdivision No. 4, (L. 38, P. 62, Wayne County Records) thence along the east line of said Subdivision, N. 0° 02' 00" E., 1908.70 ft. to the south line of Marshall Ave., (50 ft. wd.); thence along said south line S. 89° 07' 40" E., 9.00 ft.; thence N. 0° 02' 00" E., 25.00 ft. to the center line of Marshall Ave.; thence along said center line extended, S. 89° 07' 40" E., 266.40 ft.; thence N. 0° 02' 00" E., 695.00 ft. to the L. & F. line of Section 32; thence along said line S. 89° 07' 40" E., 162.65 ft. to the east line of 13th Street; thence along said east line S. 0° 02' 00" E., 258.00 ft.; thence S. 89° 07' 40" E., 400.00 ft.; thence N. 0° 02' 00" E., 295.00 ft. to the L. & F. line of Section 32; thence along said line S. 89° 07' 40" E., 177.21 ft.; thence S. 0° 07' 40" E., 721.72 ft.; thence S. 14° 37' 30" W., 1757.92 ft.; thence N. 89° 43' 50" W., 34.63 ft.; thence S. 0° 02' 00" W., 9.00 ft.; thence N. 89° 43' 50" W.,

33.73 ft.; thence S. 0° 02' 00" W., 144.00 ft. to the south line of Section 32; thence along said line N. 89° 43' 50" W., 256.90 ft. to the point of beginning, excepting therefrom the following two parcels of land described as:

Beginning at a point on the original center line of 13th Street (50 ft. wd.), distant N. 89° 47' 00" W., 18.50 ft. along the south line of Section 31 and N. 0° 02' 00" E., 1908.70 ft. along the east line of Basney Subdivision No. 4 and S. 89° 07' 40" E., 9.00 ft. and N. 0° 02' 00" E., 25.00 ft. and along the extension of the center line of Marshall Ave. (50 ft. wd.), S. 89° 07' 40" E., 404.05 ft. from the Section corner common to the S.E. corner of Section 31 and the S.W. corner of Section 32, T. 3 S., R. 11 E., and proceeding thence along said original center line of 13th Street, N. 0° 02' 00" E., 177.00 ft.; thence S. 89° 07' 40" E., 146.70 ft.; thence S. 0° 02' 00" W., 177.00 ft.; thence N. 89° 07' 40" W., 146.70 ft. to the point of beginning; and

beginning at a point on the original center line of 13th Street (50 ft. wd.), distant N. 89° 47' 00" W., 18.50 ft. along the south line of Section 31 and N. 0° 02' 00" E., 1908.70 ft. along the east line of Basney Subdivision No. 4 and S. 89° 07' 40" E., 9.00 ft. and N. 0° 02' 00" E., 25.00 ft. and along the extension of the center line of Marshall Ave. (50 ft. wd.), S. 89° 07' 40" E., 404.05 ft. and N. 0° 02' 00" E., 207.00 ft. along the original center line of 13th Street from the Section corner common to the S.E. corner of Section 31 and the S.W. corner of Section 32, T. 3 S., R. 11 E., and proceeding thence along said original center line, N. 0° 02' 00" E., 60.00 ft.; thence S. 89° 07' 40" E., 146.70 ft.; thence S. 0° 02' 00" W., 60.00 ft.; thence N. 89° 07' 40" W., 146.70 ft. to the point of beginning.

MAY 8 1964

L. P. BOAM

2. CURRENT SITE OWNERSHIP INFORMATION

The current owners of record of the Site property are Francis J. DeSana, Trustee under Agreement of Trust dated December 3, 1976, a 1/3 interest and Gerald L. Keast, or his successors in Trust, as Trustee under the Gerald L. Keast Revocable Trust Agreement dated January 21, 1992, a 1/3 interest and Mary Jo Keast Sadonis, a 1/3 interest. Real property taxes for tax years 2009 and 2010 for all of the parcels are delinquent \$84,524.77. Taxes for the 2011 tax year are due in the amount of \$33,926.22.

3. TITLE NARRATIVE

Prior to April 9, 1965, Lot 32 was owned by Wyandotte Chemicals Corporation. On April 9, 1965, Wyandotte Chemicals Corporation conveyed Lot 32 to Detroit Tubular Rivet, Inc. through a Warranty Deed (A-1).

On June 8, 1965, Detroit Tubular Rivet, Inc. conveyed the property to Elmer J. DeSana, Jr.; Leonard J. Keast; and Francis DeSana through a Warranty Deed. The deed is signed by Leonard J. Keast and Francis J. DeSana, respectively, as president and secretary of Detroit Tubular Rivet, Inc. (A-2).

Prior to June 15, 1965, the remaining property making up the Site was owned by Saul Parker, Trustee of Detroit Tubular Rivet, Inc. Employees' Profit Sharing Trust. On June 15, 1965, Saul Parker, Trustee of Detroit Tubular Rivet, Inc. Employees' Profit Sharing Trust conveyed the remaining property to Elmer J. DeSana, Jr.; Leonard J. Keast, and Francis J. DeSana through a Warranty Deed (A-3).

On February 8, 1977, Francis J. DeSana and Elsie L. DeSana, husband and wife, conveyed their 1/3 interest in the Site property and to Francis J. DeSana, Trustee under Agreement of Trust dated December 3, 1976, through a Quit Claim Deed (A-4).

On January 2, 1981, Gerald L. Keast and Mary Jo Keast Sadonis issued a Notice of Claim of Interest Under Marketable Record Title Act to notify of a land contract between Gerald L. Keast and Mary Joe Keast Sadonis and Leonard J. Keast and Fredericka Gwenevere Keast, his wife, for an undivided 1/3 interest in the Site property (A-5).

On January 31, 1986, Elmer J. DeSana, Jr. and Sharon B. DeSana, his wife, conveyed an undivided 1/3 interest in the Site property to themselves through a Quit Claim Deed (A-6).

On September 28, 1990, Leonard J. Keast by Gerald L. Keast, his attorney-in-fact pursuant to a Durable Power of Attorney, and Gwen Keast, his wife, conveyed an undivided 1/3 interest in the Site property to Leonard J. Keast and Gwen Keast, his wife, through a Quit Claim Deed for the purpose of creating a tenancy by the entireties (A-7).

On July 3, 1992, Elmer J. DeSana, Jr. and Sharon B. DeSana, his wife, conveyed their 1/3 interest in the Site property to Sharon B. DeSana Revocable Living Trust w/a/d 6/9/92 through a Quit Claim Deed (A-8).

Leonard J. Keast died on October 9, 1990. On September 22, 1992, Gwen Keast, survivor of herself and her deceased husband, Leonard J. Keast, conveyed an undivided 1/6 interest in the Site property to Gerald L. Keast, or his successors in trust, as Trustee under the Gerald L. Keast Revocable Trust Agreement dated January 21, 1992; and an undivided 1/6 interest to Mary Jo Keast Sadonis through a Quit Claim Deed (A-9).

On March 18, 1998, Karol E. Bommarito and NBD Bank as successor trustees issued a Certificate of Trust Existence and Authority under the Revocable Living Trust Agreement of Sharon B. DeSana (A-10).

Also on March 18, 1998, the Revocable Living Trust of Sharon B. DeSana, by Karol E. Bommarito and NBD Bank, as co-trustees and not individually, conveyed an undivided 1/6 interest in the Site property to Gerald L. Keast, or his successors in Trust, as Trustee under the Gerald L. Keast Revocable Trust Agreement dated January 21, 1992; and an undivided 1/6 interest in the property to Mary Jo Keast Sadonis through a Trustee's Deed (A-11).

On May 12, 1999, and May 14, 1999, through three Warranty Deeds, Elsie L. DeSana, Trustee of the Francis J. DeSana Trust Agreement dated December 3, 1976; Mary Jo Keast Sadonis; and Gerald L. Keast, as Trustee under the Gerald L. Keast Revocable Trust Agreement dated January 21, 1992, each conveyed their 1/3 interest to the City of Wyandotte that portion of Lot 32 that is described in the legal description above as the South portion of Lot 32 more particularly described as beginning at the Southeast corner of Lot 32; thence North 0 degrees 02 minutes 00 seconds East 109.98 feet along

the East lot line of Lot 32; thence North 89 degrees 07 minutes 40 seconds West 296.30 feet; thence South 0 degrees 02 minutes 00 seconds West 30.00 feet; thence South 89 degrees 07 minutes 40 seconds East 18.00 feet; thence South 0 degrees 02 minutes 00 seconds West 79.98 feet to the South property line of Lot 32; thence South 89 degrees 07 minutes 40 seconds East 278.30 feet to the point of beginning (A-12, A-13, A-14).

On April 14, 2011, Raymond J. Wojtowicz, Wayne County Treasurer, issued two Certificates of Forfeiture of Real Property for the Site property to Detroit Tubular Rivet Co., Inc. for non-payment of real property taxes for tax year 2009 (A-15, A-16).

APPENDIX A

TITLE REFERENCES

TITLE REFERENCES

- A-1 Warranty Deed. Wyandotte Chemicals Corporation, Grantor; Detroit Tubular Rivet, Inc., Grantee; dated April 9, 1965; recorded April 13, 1965
- A-2 Warranty Deed. Detroit Tubular Rivet, Inc., Grantor; Elmer J. DeSana, Jr.; Leonard J. Keast and Francis J. DeSana, Grantees; dated June 8, 1965; recorded June 16, 1965
- A-3 Warranty Deed. Saul Parker, Trustee of Detroit Tubular Rivet, Inc. Employees Profit Sharing Trust, Grantor; Elmer J. DeSana, Jr., Leonard J. Keast and Francis J. DeSana, Grantees; dated June 15, 1965; recorded June 16, 1965
- A-4 Quit Claim Deed. Francis J. DeSana and Elsie L. DeSana, husband and wife, as Tenants in Common, Grantors; Francis J. DeSana, Trustee under Agreement of Trust dated December 3, 1976, Grantee; dated February 8, 1977; recorded February 14, 1977
- A-5 Notice of Claim of Interest under Marketable Record Title Act. Gerald L. Keast and Mary Jo Keast Sadonis, Purchasers; Leonard J. Keast and Fredericka Gwenevere Keast, his wife, Sellers; dated January 2, 1981; recorded January 21, 1981
- A-6 Quit Claim Deed. Elmer J. DeSana, Jr. and Sharon B. DeSana, his wife, Grantors; Elmer J. DeSana, Jr., and Sharon B. DeSana, his wife, Grantees; dated January 31, 1986; recorded February 4, 1986
- A-7 Quit Claim Deed. Leonard J. Keast by Gerald L. Keast, his attorney-in-fact pursuant to a Durable Power of Attorney, and Gwen Keast, his wife, Grantors; Leonard J. Keast and Gwen Keast, his wife, Grantees; dated September 28, 1990; recorded December 8, 1990
- A-8 Quit Claim Deed. Elmer J. DeSana, Jr., and Sharon B. DeSana, his wife, Grantors; Sharon B. DeSana Revocable Living Trust u/a/d 6/9/92, Grantee; dated July 3, 1992; recorded July 11, 1992
- A-9 Quit Claim Deed. Gwen Keast, survivor of herself and her deceased husband, Leonard J. Keast, Grantor; Gerald L. Keast, or his successors in trust, as Trustee under the Gerald L. Keast Revocable Trust Agreement dated January 21, 1992, and Mary Jo Keast Sadonis, Grantees; dated September 22, 1992; recorded October 8, 1992
- A-10 Certificate of Trust Existence and Authority. Karol E. Bommarito and NBD Bank, Deponents; dated March 18, 1998; recorded August 6, 1998
- A-11 Trustee's Deed. Revocable Living Trust of Sharon B. DeSana under Agreement dated April 2, 1997, by Karol E. Bommarito and NBD Bank, as co-Trustees, Grantors; Gerald L. Keast, or his successors in Trust, as Trustee under the Gerald L. Keast Revocable Trust Agreement dated January 21, 1992, and Mary Jo Keast Sadonis, Grantees; dated March 18, 1998; recorded August 7, 1998
- A-12 Warranty Deed. Elsie L. DeSana, Trustee of the Francis J. DeSana Trust Agreement dated December 3, 1976, Grantor; City of Wyandotte, Grantee; dated May 12, 1999; recorded August 19, 1999
- A-13 Warranty Deed. Mary Jo Keast Sadonis, Grantor; City of Wyandotte, Grantee; dated May 14, 1999; recorded August 19, 1999

- A-14 Warranty Deed. Gerald L. Keast, as Trustee under the Gerald L. Keast Revocable Trust Agreement dated January 21, 1992, Grantor; City of Wyandotte, Grantee; dated May 14, 1999; recorded August 19, 1999
- A-15 Wayne County Treasurer Certificate of Forfeiture of Real Property. By Raymond J. Wojtowicz, Wayne County Treasurer; dated April 14, 2011; recorded April 14, 2011
- A-16 Wayne County Treasurer Certificate of Forfeiture of Real Property. By Raymond J. Wojtowicz, Wayne County Treasurer; dated April 14, 2011; recorded April 14, 2011

ATTACHMENT A
TITLE REFERENCES A-1 THROUGH A-16

A-1

E958146

L15625 PA457

Lawyers Title Insurance Corporation

WARRANTY DEED—CORPORATION—Surrender Form
Act 187 P. A. 1881—M.S.A. 26.571

KNOW ALL MEN BY THESE PRESENTS: That **WYANDOTTE CHEMICALS CORPORATION**, hereinafter called Grantor, whose address is 1609 Biddle Street, Wyandotte, Michigan, Conveys and Warrants to **DETROIT TUBULAR RIVET, INC.**, a Michigan corporation, hereinafter called Grantee, whose Street Number and Post Office address is 1213 Grove Street, Wyandotte, Michigan

the following described premises situated in the City of Wyandotte County of Wayne and State of Michigan, to-wit:



Lot 32, of WYANDOTTE INDUSTRIAL SUB.
MO. 1, of parts of the S.E. 1/4 of
Sec. 31 & the S.W. 1/4 of Sec. 32
T. 3 S., R. 11 E., City of Wyandotte,
Wayne Co., Mich., recorded in Liber
87 P. 65 and 66 Plats, W.C.R.



together with all and singular the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining,

for the sum of

RECORDED APR 19 1965

One Dollar (\$)

and other valuable considerations;

BERNARD J. YOUNGBLOOD, Register of Deeds

WAYNE COUNTY 26. MICHIGAN

subject to parts 1 to 5 special assessment roll #608 for the paving of 13th Street which the Grantee assumes and agrees to pay.

Dated this 9th

day of April

A.D. 19 65

Signed, Sealed and Delivered in Presence of:

Signed and Sealed:

A. J. Dentzer
A. J. Dentzer

Wilbert J. Zesch
Wilbert J. Zesch

Ida B. Williams
Ida B. Williams

WYANDOTTE CHEMICALS CORPORATION

By *G. W. Schwarz* (L.S.)
G. W. Schwarz

Its Vice President & Treasurer

And *Richard Guregian* (L.S.)
Richard Guregian

Its Assistant Secretary

In the STATE OF MICHIGAN, COUNTY OF Wayne
On this 9th day of April
appeared G. W. Schwarz and Richard Guregian

A.D. 19 65

to me personally known, who being by me sworn, did (1) each for himself say that (2) they are respectively the Vice President and Treasurer & Assistant Secretary of Wyandotte Chemicals Corporation, the corporation named in and which executed the within instrument, and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its board of directors; and said

G. W. Schwarz and Richard Guregian
free act and deed of said corporation,

acknowledged, and instructed, to be the

My commission expires April 27, A.D. 1968

Note: If more than one officer acknowledges insert at (1) "each for himself," and (2) "they are respectively"

Instrument Drafted by John H. Brennan

Notary Public *Wayne* County, Michigan
Business Address 1022 Ford Bldg., Detroit, Mich. 48226

County Treasurer's Certificate

This is to certify that there are no tax liens or bills on the property and that taxes are paid for FIVE YEARS previous to date of this instrument EXCEPT

Mo. 6552 *John H. Brennan*

Recording Fee 2.50

U. S. Revenue Stamps 19.80



When recorded, return to: McInamey & Fimschild
2911 Biddle Avenue
Wyandotte, Michigan

APR 19 1965

TITLE INSURANCE - ABSTRACTS - RECORDS

TITLE INSURANCE - ABSTRACTS - RECORDS

A-2

E975600

203231
L15676 PA924

WARRANTY DEED

STATUTORY FORM FOR CORPORATION



KNOW ALL MEN BY THESE PRESENTS: That DETROIT TUBULAR RIVET, INC., a Michigan corporation
the address of which is* 1213 Grove Street, Wyandotte, Michigan
Conveys and Warrants to ELMER J. DeSANA, JR., LEONARD J. KEAST and FRANCIS J. DeSANA
whose street number and postoffice address is 1213 Grove Street, Wyandotte, Michigan
the following described premises situated in the City of Wyandotte County of Wayne
and State of Michigan, to-wit:

Lot Thirty-two, Wyandotte Industrial Subdivision No. 1
of parts of the Southeast 1/4 of Section 31 and the South-
west 1/4 of Section 32, Town 3 South, Range 11 East, City of
Wyandotte, Wayne County, Michigan, according to the
Plat thereof recorded in Liber 87, Pages 65 & 66 Plats,
Wayne County Records.

together with all and singular the tenements, hereditaments and appurtenances therunto belonging or in anywise appertaining,
for the sum of ----- One Dollar (\$) and
and other valuable considerations;

subject to

Dated this 8th day of June 19 65.

Signed in the presence of

Signed by:

John R. McInemey
John R. McInemey
D. Joyce Marquardt
D. Joyce Marquardt

DETROIT TUBULAR RIVET, INC., a Michigan corporation

By *Leonard J. Keast*
Leonard J. Keast
its President

and *Francis J. DeSana*
Francis J. DeSana
its Secretary

STATE OF MICHIGAN
COUNTY OF Wayne

On this 8th day of June 19 65 before me, a Notary Public
in and for said County, personally appeared Leonard J. Keast and Francis J. DeSana

known, who, being by me duly sworn, did each for himself say that they are respectively
the President and Secretary

of Detroit Tubular Rivet, Inc.
the corporation named in and which executed the within instrument, and that the seal affixed to said instrument is the
corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority
of its Board of Directors, and said Leonard J. Keast and Francis J. DeSana
acknowledged said instrument to be the free act and deed of said corporation.

My Commission expires April 25 19 67

D. Joyce Marquardt
D. Joyce Marquardt
Notary Public,
County, Michigan

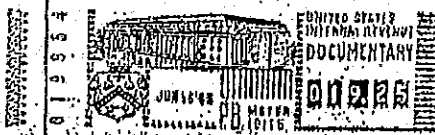
NOTE—If more than one officer acknowledges (insert as 1 "each for himself" and as 2 "they are respectively,"

County Treasurer's Certificate

City Treasurer's Certificate

THIS IS TO CERTIFY that there are no tax liens or other claims
properly and that taxes are paid for FIVE YEARS PRECEDING
to date of this instrument EXCEPT

2099
JUN 16 1965 WAYNE COUNTY REGISTER



When recorded return to
Michigan State Tax Commission
2099
Wayne County, Michigan

Recording Fee 2.50
U.S. Reg. Stamp 19.25

RETURN TO WYANDOTTE SAVINGS BANK
WYANDOTTE, MICHIGAN

Drafted by: John R. McInemey, Attorney
Business address: 2911 Middle Avenue
Wyandotte, Michigan

022 B* 0.000.50

BURTON ABSTRACT AND TITLE COMPANY HAS OPERATED CONTINUOUSLY SINCE 1866

MAKE YOUR REAL ESTATE TRANSFERS SAFE BY USING BURTON TITLE INSURANCE

E975600

A-3

E975601

20325

WARRANTY DEED STATUTORY FORM

Li15676 PA925

KNOW ALL MEN BY THESE PRESENTS, That SAUL PARKER, TRUSTEE OF DETROIT TUBULAR RIVET, INC., EMPLOYEES' PROFIT SHARING TRUST, Effective March 6, 1962, As amended, whose address is 18516 James Couzens Highway, Detroit, Michigan 48235 Convey and Warrant to ELMER J. DeSANA, LEONARD J. KEAST and FRANCIS J. DeSANA Jr.

whose street number and postoffice address is 1213 Grove Street, Wyandotte, Michigan 48192

the following described premises situated in the City of Wyandotte County of Wayne and State of Michigan, to-wit: The North 17.00 feet of Lot 237 and Lots 238 to 246 inclusive, Detroit River Land Company's Subdivision No. 1 of part of the Southwest 1/4 of Section 32, Town 3 South, Range 11 East, Ecorse Township, (City of Wyandotte) Wayne County, Michigan, as recorded in Liber 37 of Plats, Page 24, Wayne County Records; also that part of the Southwest 1/4 of Section 32, Town 3 South, Range 11 East, City of Wyandotte, Wayne County, Michigan, described as beginning at a point on the East line of Detroit River Land Company's Subdivision No. 1 distant south 0 degrees 02 minutes 00 seconds west 10.00 feet from the Northeast corner of Lot 246 of said subdivision, said point being on the south line of Grove Street, and proceeding thence along the South line of Grove Street south 86 degrees 57 minutes 47 seconds east 278.65 feet; thence south 0 degrees 02 minutes 00 seconds west 204.47 feet; thence north 89 degrees 07 minutes 40 seconds west 278.30 feet to the East line of Detroit River Land Company's Subdivision No. 1; thence along said East line north 0 degrees 02 minutes 00 seconds east 215.00 feet to the point of beginning, comprising 1.874 acres.

together with all and singular the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining, for the sum of ----- One Dollar (\$)

and other valuable considerations; subject to Special Assessment Roll No. 608 Paving, Parts 2 to 5, due June 1, 1966 to June 1, 1969, as to Lots 237 to 241 only.

RECORDED JUN 18 1965 M. 1112
BERNARD J. YOUNGBLOOD, Register of Deeds
WAYNE COUNTY 26, MICHIGAN
19 65

Dated this Fifteenth day of June

Signed in the presence of:

Frank Browne
Frank Browne
John R. McInerney
John R. McInerney

Signed by:

Saul Parker
Saul Parker, Trustee of Detroit Tubular Rivet, Inc. Employees' Profit Sharing Trust, effective March 6, 1962, As Amended,

STATE OF MICHIGAN }
County of Wayne }

On this Fifteenth day of June 1965 before me personally appeared Saul Parker, Trustee of Detroit Tubular Rivet, Inc. Employees' Profit Sharing Trust, Effective March 6, 1962 to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed.

My Commission expires

December 28 1965

Wayne

Frank Browne Notary Public,
County, Michigan

County Treasurer's Certificate

City Treasurer's Certificate

This is to certify that there are no tax liens or other property and that taxes are paid for FIVE YEARS previous to date of this instrument EXCEPT

John R. McInerney
JUN 16 1965 WAYNE COUNTY, MICHIGAN

When recorded return to:

Recording Fee *92.45*
U.S. Rev. Stamp

Drafted by: John R. McInerney, Attorney
Business address: 2811 Biddle Avenue
Wyandotte, Michigan

RETURN TO WYANDOTTE SAVINGS BANK
WYANDOTTE, MICHIGAN

JUN 16 1965

BURTON ABSTRACT AND TITLE COMPANY HAS OPERATED CONTINUOUSLY SINCE 1886

MAKE YOUR REAL ESTATE TRANSACTIONS SAFE BY USING BURTON TITLE INSURANCE

E975601

A-4

QUIT CLAIM DEED
STATUTORY FORM

G169076

LT19651 PA626

KNOW ALL MEN BY THESE PRESENTS: That Francis J. DeSana and Elsie L. DeSana, husband and wife, as Tenants in Common whose address is 22442 West River Road, Grosse Ile, Michigan 48138

Quit Claim to Francis J. DeSana, Trustee under Agreement of Trust dated December 3, 1976 whose street number and postoffice address is 22442 West River Road, Grosse Ile, Michigan 48138

the following described premises situated in the City of Wyandotte County of Wayne and State of Michigan, to-wit:

Lot 32, of Wyandotte Industrial Subdivision No. 1, according to the Plat thereof recorded in Liber 87, Pages 65 and 66 Plats, Wayne County Records, and the North 17.00 ft. of Lot 237, and Lots 238 to 246 inclusive, Detroit River Land Company's Subdivision No. 1 of part of the S.W. 1/4 of Sec. 32, T. 3 South, Range 11 East, Ecorse Township, (City of Wyandotte) Wayne County, Michigan, as recorded in Liber 37 of Plats, Page 24, W.C.R.; also that part of the S.W. 1/4 of Sec. 32, T 3 South, Range 11 East, City of Wyandotte, Wayne County, Michigan, described as beginning at a point on the East line of Detroit River Land Company's Subdivision No. 1 distant S. 0° 02' 00" W. 10.00 ft. from the Northeast corner of Lot 246 of said subdivision, said point being on the south line of Grove Street, and proceeding thence along the South line of Grove Street S. 86° 57' 47" E. 278.65 ft.; thence S. 0° 02' 00" W. 204.47 ft.; thence N. 89° 07' 40" W. 278.30 ft. to the East line of Detroit River Land Company's Subdivision No. 1; thence along said East line N. 0° 02' 00" E. 215.00 ft. to the point of beginning.

subject to building and use restrictions, reservations and easements of record

together with all and singular the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

for the sum of One (\$1.00) Dollar (Exempt from transfer tax under M.C.L.A. 207.505(a), consideration less than \$100.00)

Dated this 8th day of February 19 77

Signed in the presence of:

Carl P. Erickson
Carl P. Erickson
Susan M. Wolter
Susan M. Wolter

Signed by:

Francis J. DeSana
Francis J. DeSana
Elsie L. DeSana
Elsie L. DeSana

RECORDED FEB 14 1977 AT 3:42 PM
FOREST E. YOUNGBLOOD, Register of Deeds
WAYNE COUNTY, MICHIGAN 48226

STATE OF MICHIGAN } ss.
COUNTY OF OAKLAND }

The foregoing instrument was acknowledged before me this 8th day of February

19 77 by Francis J. DeSana and Elsie L. DeSana

My Commission expires 6/21/ 19 78
Susan M. Wolter Notary Public,
Oakland County, Michigan

When Recorded Return To: GRANTEE	Send Subsequent Tax Bills To: GRANTEE	Drafted by: Carl P. Erickson Business Address 74 West Long Lake Road Bloomfield Hills, MI 48013
-------------------------------------	--	--

Tax Parcel # _____ Recording Fee _____ Revenue Stamp _____
NO REVENUE ATTACHED

BURTON ABSTRACT AND TITLE COMPANY HAS OPERATED CONTINUOUSLY SINCE 1869

G169076
MAKE YOUR REAL ESTATE TRANSFERS SAFE BY USING BURTON TITLE INSURANCE

A-5

G560257

NOTICE OF CLAIM OF INTEREST UNDER
MARKETABLE RECORD TITLE ACT

LI 21059 PA 87

In accordance with 1945 P.A. 200, as amended, being C.L. 1948,
565.101 to 565.109 inclusive, and M.S.A. 26.1271 to 26.1279 inclusive,
the undersigned, GERALD L. KEAST and MARY JO KEAST SADONIS, whose address
is 18995 Hyde Park Drive, Woodhaven, Michigan 48183, does hereby give
notice that on or about January 2, 1981, the undersigned, as Purchaser,
has entered into a land contract with LEONARD J. KEAST and FREDERICKA
GWENEVERE KEAST, his wife, whose address is 21267 Knudsen Dr., Grosse Ile,
Michigan 48138, as Seller, for the purchase by the undersigned of the follow-
ing described property located in the City of Wyandotte, County of Wayne,
Michigan, described as:

An undivided one-third (1/3rd) interest in the premises
described in the Rider attached hereto and by reference
made a part hereof.

In order to evidence record of the interest of the undersigned as
Land Contract Purchaser of the above described property, and to protect that
interest thereby, this claim is made and filed for record.

In the presence of:

D. Joyce Marquardt
D. Joyce Marquardt
John B. McInerney
John B. McInerney

Gerald L. Keast
Gerald L. Keast
Mary Jo Keast Sadonis
Mary Jo Keast Sadonis

State of Michigan)
County of Wayne) ss

On this 2nd day of January, 1981, before me appeared Gerald L. Keast
and Mary Jo Keast Sadonis, to me known to be the persons described in
and who executed the foregoing instrument and acknowledged that they
executed the same as their free act and deed.

D. Joyce Marquardt
Notary Public, Wayne County, Mich.

Instrument drafted by:

Milton Silverman
17117 W. Nine Mile Rd.,
Suite 1544
Southfield, Michigan 48075

My commission expires: D. JOYCE MARQUARDT
Notary Public, Wayne County, Mich.
My Commission Expires Feb. 1, 1983

When recorded, return to:
Milton Silverman
17117 W. Nine Mile Rd., Suite 1544
Southfield, Michigan, 48075

RECORDED JAN 21 1981
FOREST E. YOUNGBLOOD, Register of Deeds
WAYNE COUNTY MICHIGAN 48228

G560257

FILED THRU

LI 21059 PA 88

LEGAL DESCRIPTION OF PREMISES ATTACHED TO NOTICE OF
CLAIM OF INTEREST UNDER MARKETABLE RECORD TITLE ACT
FILED BY GERALD L. KEAST AND MARY JO KEAST SADONIS

Lot 32, of Wyandotte Industrial Subdivision No. 1, according to the Plat thereof recorded in Liber 87, pages 65 and 66 Plats, Wayne County Records, and the North 17.00 ft. of Lot 237, and Lots 238 to 246 inclusive, Detroit River Land Company's Subdivision No. 1 of part of the S.W. 1/4 of Sec. 32, T.3 South, Range 11 East, Ecorse Township, (City of Wyandotte), Wayne County, Michigan, as recorded in Liber 37 of Plats, Page 24, W.C.R.; also that part of the S.W. 1/4 of Sec. 32, T.3 South, Range 11 East, City of Wyandotte, Wayne County, Michigan, described as beginning at a point on the East line of Detroit River Land Company's Subdivision No. 1 distant S. 0°02'00" W. 10.00 ft. from the Northeast corner of Lot 246 of said subdivision, said point being on the south line of Grove Street, and proceeding thence along the South line of Grove Street S. 86°57'47" E. 278.65 ft.; thence S. 0°02'00" W. 204.47 ft.; thence N. 88°07'40" W. 278.30 ft. to the East line of Detroit River Land Company's Subdivision No. 1; thence along said East line N. 0°02'00" E. 215.00 ft. to the point of beginning.

A-6

Lawyers Title Insurance Corporation

86115227

22864 631
QUIT CLAIM DEED - Statutory Form
CL 1948, 243113 M.S.A. 16372

KNOW ALL MEN BY THESE PRESENTS: That ELMER J. DeSANA, JR. and SHARON B. DeSANA, his wife

whose address is 1213 Grove St., Wyandotte, Michigan 48192

Quit Claim(s) to ELMER J. DeSANA, JR. and SHARON B. DeSANA, his wife

whose address is 1213 Grove St., Wyandotte, Michigan 48192

an undivided one-third (1/3) interest in and to

the following described premises situated in the City of Wyandotte,
County of Wayne and State of Michigan, to-wit:

Lot 32, of Wyandotte Industrial Subdivision No. 1, according to the Plat thereof recorded in Liber 87, pages 65 and 66 Plats, Wayne County Records, and the North 17.00 ft. of Lot 237, and Lots 238 to 246 inclusive, Detroit River Land Company's Subdivision No. 1 of part of the S.W. 1/4 of Sec. 32, T.3 South, Range 11 East, Ecorse Township, (City of Wyandotte), Wayne County, Michigan, as recorded in Liber 37 of Plats, Page 24, W.C.R.; also that part of the S.W. 1/4 of Sec. 32, T.3 South, Range 11 East, City of Wyandotte, Wayne County, Michigan, described as beginning at a point on the East line of Detroit River Land Company's Subdivision No. 1 distant S. 0°02'00" W. 10.00 ft. from the Northeast corner of Lot 246 of said subdivision, said point being on the south line of Grove Street, and proceeding thence along the South line of Grove Street S. 88°57'47" E. 278.85 ft.; thence S. 0°02'00" W. 204.47 ft.; thence N. 89°07'40" W. 278.30 ft. to the East line of Detroit River Land Company's Subdivision No. 1; thence along said East line N. 0°02'00" E. 215.00 ft. to the point of beginning.

86115227

for the full consideration of One (\$1.00) Dollar - exempt from transfer tax under Section 5(a), Act No. 67, Public Acts of 1969.

Dated this 31st day of January, 1988

Witness:

Signed and Sealed:

Betty Levine
Betty Levine

Elmer J. DeSana, Jr.
Elmer J. DeSana, Jr.

Golda Hoffman
Golda Hoffman

Sharon B. DeSana
Sharon B. DeSana

RECORDED
MAY 11 1988
CLERK OF COURT
WAYNE COUNTY, MI

STATE OF MICHIGAN
COUNTY OF OAKLAND

The foregoing instrument was acknowledged before me this 31st day of January, 1988
by Elmer J. DeSana, Jr. and Sharon B. DeSana, his wife.

My commission expires
2/11/87

Betty Levine
Betty Levine

Instrument
Drafted by Milton Silverman

Notary Public, Oakland County, Michigan
Business Address 17117 W. Nine Mile Rd., Suite 1644
Southfield, Michigan 48076

Recording Fee

State Transfer Tax

When recorded return to Milton Silverman
17117 W. Nine Mile Rd., Suite 1644
Southfield, Michigan 48076

Send subsequent tax bills

10

Ten Percent \$

NO REVENUE ATTACHED

A-7

QUIT CLAIM DEED-663

90214363

(State Bar of Michigan Form)

L124947PA502

The Grantor(s) Leonard J. Keast by Gerald L. Keast, his attorney-in-fact pursuant to a Durable Power of Attorney attached hereto and recorded herewith, and Gwen Keast, his wife,

, whose address is

418 Avalon Dr., Cape Coral, Florida 33904

quit-claim(s) to Leonard J. Keast and Gwen Keast, his wife,

whose address is 418 Avalon Dr., Cape Coral, Florida 33904, an undivided one-third (1/3) interest in and to the following described premises situated in the City of Wyandotte, County of Wayne and State of Michigan:

For legal description, see Rider attached hereto and hereby made a part of this Deed by reference.

The purpose of this Deed is to create a tenancy by the entireties.

for the sum of One (\$1.00) Dollar - exempt from transfer tax under Section 5(a), Act No. 67, Public Acts of 1969.
Dated this 28th day of September, 1990

Signed in presence of:

Golda Hoffman
Golda Hoffman

Nancy Perry
Nancy Perry

Signed by:

Gerald L. Keast
Leonard J. Keast by Gerald L. Keast,
his attorney-in-fact
Gwen Keast
Gwen Keast

STATE OF MICHIGAN,

COUNTY OF Oakland

SS.

The foregoing instrument was acknowledged before me this 28th day of September 1990, by Leonard J. Keast by Gerald L. Keast, his attorney-in-fact, and Gwen Keast, his wife.

Golda Hoffman
Golda Hoffman

Notary Public, Oakland
Michigan

County,

My commission expires: 12/12/90

When Recorded Return To:

Milton Silverman
(Name)

17117 W. Nine Mile Road,

(Street Address) Suite 1544

Southfield, MI 48075

(City and State)

Send Subsequent Tax Bills To:

Drafted By:

Milton Silverman

Business Address:

17117 W. Nine Mile Rd.,

Suite 1544

Southfield, MI 48075

Tax Parcel #

Recording Fee

Transfer Tax

* TYPE OR PRINT NAMES UNDER SIGNATURES.

47-062-023

NO REVENUE ATTACHED

11 D
04
p

FIRST AMERICAN TITLE INSURANCE COMPANY OF THE MID-WEST - BURTON ABSTRACT DIVISION - SERVING YOU SINCE 1886

MAKE YOUR REAL ESTATE TRANSFERS SAFE BY USING FIRST AMERICAN TITLE INSURANCE COMPANY OF THE MID-WEST

90214363

50 DEC 8 PM 3:53

ESTATE RECORDS

LI24947PA503

RIDER ATTACHED TO AND MADE A PART OF QUIT
CLAIM DEED DATED September 28 _____, 1990,
GIVEN BY LEONARD J. KEAST BY GERALD L.
KEAST, HIS ATTORNEY-IN-FACT, AND GWEN KEAST,
HIS WIFE, TO LEONARD J. KEAST AND GWEN
KEAST, HIS WIFE, COVERING PREMISES DESCRIBED
BELOW

The legal description of the premises is as follows:

Lot 32, of Wyandotte Industrial Subdivision No. 1, according to the Plat thereof recorded in Liber 87, pages 65 and 68 Plats, Wayne County Records, and the North 17.00 ft. of Lot 237, and Lots 238 to 246 inclusive, Detroit River Land Company's Subdivision No. 1 of part of the S.W. 1/4 of Sec. 32, T.3 South, Range 11 East, Ecorse Township, (City of Wyandotte), Wayne County, Michigan, as recorded in Liber 37 of Plats, Page 24, W.C.R.; also that part of the S.W. 1/4 of Sec. 32, T.3 South, Range 11 East, City of Wyandotte, Wayne County, Michigan, described as beginning at a point on the East line of Detroit River Land Company's Subdivision No. 1 distant S. 0°02'00" W. 10.00 ft. from the Northeast corner of Lot 246 of said subdivision, said point being on the south line of Grove Street, and proceeding thence along the South line of Grove Street S. 86°57'47" E. 278.65 ft.; thence S. 0°02'00" W. 204.47 ft.; thence N. 89°07'40" W. 278.30 ft. to the East line of Detroit River Land Company's Subdivision No. 1; thence along said East line N. 0°02'00" E. 215.00 ft. to the point of beginning.

DURABLE POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, that I, LEONARD J. KEAST, of 418 Avalon Dr., Cape Coral, Florida 33904, do hereby constitute and appoint my son, GERALD L. KEAST, of 1618 Davis, Wyandotte, Michigan 48192, to be my true and lawful attorney upon the following terms and conditions.

1. General Powers. My attorney may act for me and in my name, place, and stead, and on my behalf do and execute all or any of the following acts, deeds, and things:

(a) To manage my affairs, handle my investments, arrange for the investment, reinvestment and disposition of funds, exercise all rights with respect to my investments, accept remittances of income and disburse the same, including authority to open bank accounts in my name and to endorse checks for deposit therein or in any bank where I may at any time have money on deposit and sign checks covering withdrawals therefrom.

(b) To sell, gift, assign, transfer, endorse, and deliver all and any shares of stock, bonds, or other securities standing in my name on the books of any corporation, partnership, or other entity, or to which I may be, in equity or otherwise, beneficially entitled, and for that purpose to make and execute all necessary documents of assignment and transfer and to receive the proceeds of any such sales.

(c) To bargain, contract, agree for, option, purchase, acquire, receive, improve, maintain, repair, insure, plat, partition, safeguard, lease, demise, grant, bargain, sell, assign, transfer, remise, release, exchange, convey, mortgage and hypothecate real estate and any interests therein (and including any interest which I hold with any other person as joint tenants with full rights of survivorship, or as tenants by the entireties), lands, tenements and hereditaments, for such price and upon such terms and conditions as my agent shall determine.

(d) To sign, execute, acknowledge and deliver on my behalf any deed of transfer or conveyance covering personal property or real estate wherever situated (including transfers or conveyances to any trust established by me), any discharge or release of mortgage held by me on real estate or any other instrument in writing.

(e) To negotiate and execute leases of any property, real or personal, which I may own, for terms that may extend beyond the duration of this power and to provide for the proper care and maintenance of such property and pay expenses incurred in connection therewith.

(f) To enter into a lease or arrangement for exploration and removal of minerals or other natural resources or enter into a pooling or unitization agreement.

(g) To hold securities in bearer form or in the name of a nominee or nominees and to hold real estate in the name of a nominee or nominees.

(h) To continue or participate in the operation of any business or other enterprise.

(i) To borrow money from time to time in my name, and to give promissory notes or other obligations therefor, and to deposit as collateral, pledge as security for the payment thereof or mortgage any or all my securities or other property of whatever nature.

(j) To have access to any and all safe deposit boxes of which I am now or may become possessed, and to remove therefrom any securities, papers or other articles.

(k) To prepare and file all tax returns and pay all taxes required by law, including federal, state, and local returns, and to file all claims for abatement, refund or other papers relating thereto.

(l) To demand, collect, sue for, receive and receipt for any money, debts, or property of any kind, now or hereafter payable, due or deliverable to me, to pay or contest claims against me, to settle claims by compromise, arbitration or otherwise and to release claims.

(m) To make application to any governmental agency for any benefit or government obligation to which I may be entitled; to endorse any checks or drafts made payable to me from any governmental agency for my behalf, including any Social Security checks.

(n) To employ as investment counsel, custodians, brokers, accountants, appraisers, attorneys-at-law or other agents such persons, firms or organizations, including my attorney and any firm of which my attorney may be a member or employee, as deemed necessary or desirable, and to pay such persons, firms or organizations such compensation as is deemed reasonable and to determine whether or not to act upon the advice of any such agent without liability for acting or failing to act thereon.

(o) To expend or distribute income or principal of my estate for the support, education, care or benefit of me and my dependents.

(p) To make gifts to any one or more of my descendants (if any) of whatever degree (including my attorney) in amounts

LI24947PA506

not exceeding \$10,000 annually with respect to any one of them and gifts to charity in amounts not exceeding 20% of my federal adjusted gross income in any one year.

(q) To renounce and disclaim any interest otherwise passing to me by testate or intestate succession or by inter vivos transfer.

(r) To exercise my rights to elect options and change beneficiaries under insurance and annuity policies and to surrender the policies for their cash value.

(s) In general I give to my attorney, full power to act in the management and disposition of all my estate, affairs and property of every kind and wherever situate in such manner and with such authority as I myself might exercise if personally present.

2. Construction. The enumeration of specific items, acts, rights, or powers herein does not limit or restrict, and it is not to be construed or interpreted as limiting or restricting the general powers herein granted to my attorney.

3. Revocation. This power of attorney may be voluntarily revoked only by my written revocation and shall remain in full force and effect until I give notice in writing that such power is revoked.

4. Disability of Principal. This power of attorney shall not terminate or be affected by my disability or incapacity but shall continue in full force and effect notwithstanding my subsequent disability or incapacity.

5. Bond. My attorney shall not be obligated to furnish bond or other security.

6. Ratification. I hereby ratify and confirm all that my attorney shall lawfully do or cause to be done by virtue of this power of attorney and the rights and powers granted herein.

7. Reliance. My death shall not revoke or terminate this agency as to my attorney, agents, or other persons who, without actual knowledge of my death, act in good faith under this power of attorney. Any action so taken, unless otherwise invalid or unenforceable, shall be binding upon me and my heirs, devisees, and personal representatives. An affidavit, executed by my attorney or agents stating that they did not have, at the time of doing an act pursuant to this power of attorney, actual knowledge of the revocation or termination of this power of attorney, is, in the absence of fraud, conclusive proof of the nonrevocation or nontermination of the power at that time. This instrument shall be fully effective and my attorney may act hereunder both within and without the State of Michigan.

LI24947PA507

8. Photographic Copies. Photographic or other facsimile reproductions of this executed Power of Attorney may be made and delivered by my attorney, and may be relied upon by any person to the same extent as though the copy were an original. Anyone who acts in reliance upon any representation or certificate of my attorney, or upon a reproduction of this power, shall not be liable for permitting my attorney to perform any act pursuant to this power.

9. Captions. The captions used in this instrument have been inserted for administrative convenience only and do not constitute matters to be construed in interpreting this power of attorney.

IN WITNESS WHEREOF, I have hereunto set my hand this 5th day of January, 1991.

In the presence of:

Carol Wolfe

Todd R. Rinehart

Leonard J. Keast

STATE OF FLORIDA)

COUNTY OF LEE)

ss:

On this 5th day of January, 1991, before me, a Notary Public in and for said County, personally appeared LEONARD J. KEAST, known to me to be the person described in and who executed the foregoing instrument, and acknowledged the execution thereof to be his free act and deed.

Todd R. Rinehart
Notary Public, State of Florida at Large
My commission expires: Dec. 15, 1992

Notary Public, State of Florida
My Commission Expires Dec. 15, 1992
Bonded by Troy Felt - Jacksonville

This instrument drafted by:

Milton Silverman
17117 W. Nine Mile Road, Suite 1544
Southfield, Michigan 48075

A-8

959080-NL

QUIT CLAIM DEED

STATUTORY FORM

LIBER 28138 PAGE 795

KNOW ALL MEN BY THESE PRESENTS That ELMER J. DeSANA, JR. and SHARON B. DeSANA, his wife

the address of which is 20700 Country Oaks, Riverview, MI 48192

Quit Claim to SHARON B. DeSANA REVOCABLE LIVING TRUST u/a/d 6/9/92

whose street number and postoffice address is 20700 Country Oaks, Riverview, MI 48192

the following described premises situated in the City of Wyandotte County of Wayne and State of Michigan, to-wit:

Lot 32, of Wyandotte Industrial Subdivision No. 1, according to the Plat thereof recorded in Liber 87, pages 65 and 66 Plats, Wayne County Records, and the North 17.00 ft. of Lot 237, and Lots 238 to 246 inclusive, Detroit River Land Company's Subdivision No. 1 of part of the S.W. 1/4 of Sec. 32, T.3 South, Range 11 East, Ecorse Township, (City of Wyandotte), Wayne County, Michigan, as recorded in Liber 37 of Plats, Page 24, W.C.R.; also that part of the S.W. 1/4 of Sec. 32, T.3 South, Range 11 East, City of Wyandotte, Wayne County, Michigan, described as beginning at a point on the East line of Detroit River Land Company's Subdivision No. 1 distant S. 0°02'00" W. 10.00 ft. from the Northeast corner of Lot 246 of said subdivision, said point being on the south line of Grove Street, and proceeding thence along the South line of Grove Street S. 86°57'47" E. 278.65 ft.; thence S. 0°02'00" W. 204.47 ft.; thence N. 89°07'40" W. 278.30 ft. to the East line of Detroit River Land Company's Subdivision No. 1; thence along said East line N. 0°02'00" E. 215.00 ft. to the point of beginning.

(together with all and singular the tenements, hereditaments and appurtenances thereunto belonging or in anywise appertaining,

for the sum of None, exempt pursuant to MCLA 207.505(a).

95140774

MINNESOTA TITLE

Dated this 3rd day of June 1992.

Signed in the presence of:

Thomas J. Misko

Aida M. Dominissini

Signed by:

Elmer J. DeSana, Jr.

Sharon B. DeSana, his wife

\$ 13.00 DEED

11 JUL 92 12:49 P.M. RECEIVED 39A

REGISTERED
COUNTY CLERK, REGISTRY OF DEEDS

STATE OF MICHIGAN }
COUNTY OF Wayne }

The foregoing instrument was acknowledged before me this 3rd day of June 1992.

1992 by Elmer J. DeSana, Jr. and Sharon B. DeSana, his wife,

My Commission expires
THERESA D. KOSDROSKY
NOTARY PUBLIC - WAYNE COUNTY, MICH.
MY COMMISSION EXPIRES 2-18-93

Notary Public,
County, Michigan

When Recorded Return To:

Thomas J. Misko, Esq.
Burley Barton Misko and Falzone, P.C.
3133 Van Horn Road P.O. Box 1200
Trenton, Michigan 48183

Send Subsequent Tax Bills To:

Drafted by:

Thomas J. Misko, Esq.
Burley Barton Misko and Falzone,
3133 Van Horn Road
Trenton, Michigan 48183

Tax Parcel # Recording Fee Revenue Stamp

NO REVENUE ATTACHED

JULY 11, 1995

A-9

92217861

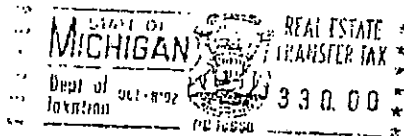
(State Bar of Michigan Form)

The Grantor(s) Gwen Keast, survivor of herself and her deceased husband, Leonard J. Keast, whose Death Certificate is attached hereto and recorded herewith

L126058PA875

whose address is
418 Avalon Dr., Cape Coral, FL 33904
sult-claim(s) to Gerald L. Keast, or his successors in trust, as Trustee under the Gerald L. Keast Revocable Trust Agreement dated January 21, 1992, an undivided one-sixth (1/6) interest, and to Mary Jo Keast Sadonis, an undivided one-sixth (1/6) interest, as tenants in common, whose address is 1213 Grove, Wyandotte, MI 48192
the following described premises situated in the City
of Wyandotte, County of Wayne
and State of Michigan:

For legal description, see Rider attached hereto and hereby made a part of this Deed by reference.



92217861

for the sum of Two Hundred Twenty Thousand (\$220,000) Dollars.

Dated this 22nd day of September, 1992

Signed in presence of:

Golda Hoffman
• Golda Hoffman

Signed by:

Gwen Keast
• Gwen Keast

Milton Silverman
• Milton Silverman

92 OCT -8 AM 9:43
FOREST YOUNGBLOOD
REGISTER OF DEEDS
WAYNE COUNTY, MI

STATE OF MICHIGAN }
COUNTY OF OAKLAND } 88.

The foregoing instrument was acknowledged before me this 22nd day of September 1992, by Gwen Keast, survivor of herself and her deceased husband, Leonard J. Keast

Golda Hoffman
• Golda Hoffman
Notary Public, Oakland County, Michigan
My commission expires: 11/2/94

When Recorded Return To:

Milton Silverman

(Name)

17117 W. Nine Mile Rd.,

(Street Address) Suite 1544

Southfield, MI 48075

(City and State)

Send Subsequent Tax Bills To:

Drafted By:

Milton Silverman

Business Address:

17117 W. Nine Mile Rd.,

Suite 1544

Southfield, MI 48075

Tax Parcel #

Recording Fee

Transfer Tax

330.00

* TYPE OR PRINT NAMES UNDER SIGNATURES.

MAKE YOUR REAL ESTATE TRANSFERS SAFE BY USING FIRST AMERICAN TITLE INSURANCE COMPANY

FIRST AMERICAN TITLE INSURANCE COMPANY

De
17-
V

LI26058PA876

RIDER ATTACHED TO AND MADE A PART OF QUIT
CLAIM DEED DATED SEPTEMBER 22, 1992,
GIVEN BY GWEN KEAST, SURVIVOR OF HERSELF
AND HER DECEASED HUSBAND, LEONARD J. KEAST,
COVERING PREMISES DESCRIBED BELOW

The legal description of the premises is as follows:

Lot 32, of Wyandotte Industrial Subdivision No. 1, according to the Plat thereof recorded in Liber 87, pages 65 and 66 Plats, Wayne County Records, and the North 17.00 ft. of Lot 237, and Lots 238 to 246 inclusive, Detroit River Land Company's Subdivision No. 1 of part of the S.W. 1/4 of Sec. 32, T.3 South, Range 11 East, Ecorse Township, (City of Wyandotte), Wayne County, Michigan, as recorded in Liber 37 of Plats, Page 24, W.C.R.; also that part of the S.W. 1/4 of Sec. 32, T.3 South, Range 11 East, City of Wyandotte, Wayne County, Michigan, described as beginning at a point on the East line of Detroit River Land Company's Subdivision No. 1 distant S. 0°02'00" W. 10.00 ft. from the Northeast corner of Lot 246 of said subdivision, said point being on the south line of Grove Street, and proceeding thence along the South line of Grove Street S. 86°57'47" E. 278.65 ft.; thence S. 0°02'00" W. 204.47 ft.; thence N. 89°07'40" W. 278.30 ft. to the East line of Detroit River Land Company's Subdivision No. 1; thence along said East line N. 0°02'00" E. 215.00 ft. to the point of beginning.

OCT 28 1992

LF 2328

STATE OF MICHIGAN
DEPARTMENT OF PUBLIC HEALTH

CERTIFICATE OF DEATH

L126058PA877

STATE FILE NUMBER

No 0261230

PE/PRINT
IN
EXAMINANT
BLACK INK

1 DECEDENT'S NAME (First, Middle, Last)

Leonard Joseph Keast

2 SEX

Male

3 DATE OF DEATH (Month, Day, Year)

October 9, 1990

4a AGE - Last Birthday (Years)

73

4b UNDER 1 YEAR

MONTHS

DAYS

HOURS

MINUTES

5 DATE OF BIRTH (Month, Day, Year)

October 16, 1916

6 COUNTY OF DEATH

Washtenaw

7a LOCATION OF DEATH (Enter place officially pronounced dead on 7a, 7b, 7c.)
HOSPITAL OR OTHER INSTITUTION - Name (If not as above, give full street address and room)

University Hospitals

Inpatient

7b IF HOSP OR INST Institution, City, Village, or Township of Death

Ann Arbor

8 SOCIAL SECURITY NUMBER

385-07-1647

9a. USUAL OCCUPATION (Enter kind of work done during most of working life. Do not use retired)

Owner

9b. KIND OF BUSINESS OR INDUSTRY

Manufacturing

10a CURRENT RESIDENCE - STATE

Florida

10b COUNTY

Lee

10c LOCALITY (Check one box and specify)

☒ INSIDE CITY OR VILLAGE OF☐ TWP. OF

Cape Coral

10d STREET AND NUMBER

418 Avalon

10e ZIP CODE

33904

11 BIRTHPLACE (City and State or Foreign Country)

Canada

12 MARITAL STATUS - Married, Never Married, Widowed, Divorced (Specify)

Married

13 SURVIVING SPOUSE (If wife, give name before last married)

Gwen Craven

14 WAS DECEDENT EVER IN U.S. ARMED FORCES? (Specify Yes or No)

Yes

15 ANCESTRY - Mexican, Puerto Rican, Cuban, Central or South American, Chinese, other Hispanic, Alaskan, Arab, English, French, Finnish, etc. (Specify below)

English/Irish

16 RACE - American Indian, Black, White, etc. If Asian, give nationality (e.g., Chinese, Filipino, Asian Indian, etc. (Specify below))

White

17 DECEDENT'S EDUCATION (Specify only highest grade completed)

12

College (14 or 5+)

PARENTS

18 FATHER'S NAME (First, Middle, Last)

George Roy Keast

19 MOTHER'S NAME (First, Middle, Surname before last married)

Estelle Manion

INFORMANT

20a INFORMANT'S NAME (Type/Print)

Gwen Keast

20b. MAILING ADDRESS (Street and Number or Rural Route Number, City or Village, State, ZIP Code)

15601 Homeister Riverview, MI 48192

DISPOSITION

21. METHOD OF DISPOSITION - Burial, Cremation, Removal, Donation, Other (Specify)

Burial

22a PLACE OF DISPOSITION (Name of Cemetery, Crematory, or other place)

Our Lady of Hope Cemetery

22b LOCATION - City or Village, State

BrownstownTwp, Mich

23. SIGNATURE OF FUNERAL SERVICE LICENSEE

Dough this

24 LICENSE NUMBER (of Licensee)

4840

25 NAME AND ADDRESS OF FACILITY

R. J. Nixon Funeral Inc.
2544 Biddle Ave. Wyandotte, MI 48192

CAUSE OF DEATH

26 PART I Enter the disease, injuries, or complications that caused the death. Do NOT enter the mode of dying, such as cardiac or respiratory arrest, shock, or heart failure last only and cause on each line.

IMMEDIATE CAUSE (Final disease or condition resulting in death)

Cardiac Arrhythmia

DUE TO (OR AS A CONSEQUENCE OF)

Approximate Interval Between Onset and Death: Hours

Sequentially list conditions, if any, leading to immediate cause. Enter UNDERLYING CAUSE (Disease or injury that initiated events resulting in death) LAST

Severe Coronary Artery Disease

DUE TO (OR AS A CONSEQUENCE OF)

Years

DUE TO (OR AS A CONSEQUENCE OF)

PART II Other significant conditions contributing to death but not resulting in the underlying cause given in Part I

27a WAS AN AUTOPSY PERFORMED? (Yes or No)

No

27b WERE AUTOPSY FINDINGS AVAILABLE PRIOR TO COMPLETION OF CAUSE OF DEATH? (Yes or No)

No

28. ACTUAL PLACE OF DEATH (Home, Nursing Home, Hospital, Ambulance) (Specify)

Hospital

29. WAS CASE REFERRED TO MEDICAL EXAMINER? (Specify Yes or No)

No

31a (Check one only)

☐ The case reviewed and determined not to be a medical examiner's case.☐ On the basis of examination and of investigation, in my opinion death occurred at the time, date and place and due to the cause(s) and manner stated.30a To the best of my knowledge, death occurred at the time, date and place and due to the cause(s) stated (Signature and Title) *Ester Grimaldi* M.D.

30b DATE SIGNED (Mo., Day, Yr.)

October 10, 1990

30c TIME OF DEATH

11:44A

30d M

31b DATE SIGNED (Mo., Day, Yr.)

M.D.

31c CASE NUMBER

054401

31d PRONOUNCED DEAD (Mo., Day, Yr.)

ON

31e TIME OF DEATH

M

32a. NAME AND ADDRESS OF PERSON WHO COMPLETED CAUSE OF DEATH (Item 26) (Type or Print)

Ester Grimaldi, M.D., University Hospitals, Ann Arbor, Michigan 48109

32b LICENSE NUMBER

054401

33a ACC. SUICIDE, HOW, NATURAL OR PENDING INQUEST (Specify)

Natural

33b DATE OF INJURY (Mo., Day, Yr.)

33c TIME OF INJURY

33d DESCRIBE HOW INJURY OCCURRED

33e INJURY AT WORK (Specify Yes or No)

33f PLACE OF INJURY - At home, farm, street, factory, etc. (Specify)

33g LOCATION - Street or RFD No

City, Village or Twp

State

34a REGISTRAR'S SIGNATURE

Peggy M. Vainio

34b DATE FILED (Month, Day, Year)

October 15, 1990

FOREST COUNTY, BLOOD WAYNE COUNTY REGISTER OF DEEDS, 1992

OCT - 9, 1992

A-10

JUL 27 1998

FIRST-AMERICAN
TITLE INSURANCE COMPANY

Liber-29923 Page-5644.0
98293435LS B/06/1998 05:42PM

CERTIFICATE OF TRUST
EXISTENCE AND AUTHORITY

STATE OF MICHIGAN)
)ss
COUNTY OF OAKLAND)

The undersigned being first duly sworn, deposes and says as follows:

- (a) The title of the trust is Revocable Living Trust Agreement of Sharon B. DeSana.
- (b) The date of the Trust Agreement is April 2, 1997.
- (c) The present names and addresses of the current and successor trustees are as follows:
 - (1) Karol E. Bommarito
21270 Hall Road
Woodhaven, Michigan 48189
 - (2) NBD Bank
900 Tower Drive
Troy, Michigan 48098
- (d) The legal description of the affected real property is attached as Exhibit A.
- (e) The provisions of the Trust Agreement regarding powers (and restrictions on powers) of the Trustees relating to real property or any interest in real property are set forth, verbatim, on the attached Exhibit B.
- (f) We certify that as of the date hereof the Trust Agreement remains in full force and effect.
- (g) We are the trustees of the Trust.

616.00 DEED
RECORDED
FOREST E. YOUNGBLUM, REGISTER OF DEEDS
WAYNE COUNTY, MI
Receipt #77995
64.00 REDEMPTION

R CTF 16 HR 4PG5 SBT

Further, deponents sayeth not.

WITNESSES:

Angie J. Bommarito
Angie J. Bommarito
Neil Davis
Neil Davis

Revocable Living Trust of Sharon B. DeSana
under Agreement dated April 2, 1997

Karol E. Bommarito
Karol E. Bommarito, Co-Trustee

Karol E. Bommarito
Karol E. Bommarito
Angie J. Bommarito
Angie J. Bommarito

NBD Bank, Co-Trustee and not otherwise

By: Neil Davis
Neil Davis
Its: Assistant Vice President

STATE OF MICHIGAN)
WAYNE)ss
COUNTY OF _____)

The foregoing instrument was acknowledged before me this 18th day of MARCH 1998,
by Karol E. Bommarito, not individually but as Co-Trustee of the Revocable Living Trust of
Sharon B. DeSana under Agreement dated April 2, 1997.

JOAN M. LINGO
Notary Public, Wayne County, MI
My Commission Expires Nov. 30, 2001

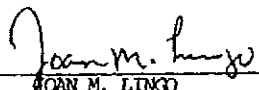
Joan M. Lingo
JOAN M. LINGO

Notary Public, _____ County, _____
My commission expires: _____

STATE OF MICHIGAN)
)ss
COUNTY OF WAYNE)

The foregoing instrument was acknowledged before me this 18 day of MARCH 1998
by Neil Davls, Assistant Vice President of NBD Bank, not individually but as Co-Trustee of the
Revocable Living Trust of Sharon D. DeSana under Agreement dated April 2, 1997.

JOAN M. LINGO
Notary Public, Wayne County, MI
My Commission Expires Nov. 30, 2001


* JOAN M. LINGO
Notary Public, WAYNE County, MICHIGAN
My commission expires: 11-30-98

DRAFTED BY AND WHEN RECORDED
RETURN TO:

Rodman N. Myers, Esq.
Honigman Miller Schwartz and Cohn
2290 First National Building
Detroit, Michigan 48226

*TYPE OR PRINT NAME BENEATH SIGNATURE

EXHIBIT A

Legal Description Liber-29923 Page-5647.0

LAND SITUATED IN THE COUNTY OF WAYNE, STATE OF MICHIGAN, FURTHER DESCRIBED AS FOLLOWS:

CITY OF WYANDOTTE, LOT 32, WYANDOTTE INDUSTRIAL SUBDIVISION NO. 1, ACCORDING TO THE RECORDED PLAT THEREOF, AS RECORDED IN LIBER 87 OF PLATS, PAGES 65 AND 66, WAYNE COUNTY RECORDS, AND THE NORTH 17.00 FEET OF LOT 237, AND LOTS 238 TO 246 INCLUSIVE, INCLUDING THE ADJOINING ONE-HALF OF THE VACATED PUBLIC ALLEY AT THE REAR THEREOF, DETROIT RIVER LAND COMPANY'S SUBDIVISION NO. 1, ACCORDING TO THE RECORDED PLAT THEREOF, AS RECORDED IN LIBER 37 OF PLATS, PAGE 24, WAYNE COUNTY RECORDS; ALSO THAT PART OF THE SOUTHWEST 1/4 OF SECTION 32, TOWN 3 SOUTH, RANGE 11 EAST, CITY OF WYANDOTTE, WAYNE COUNTY, MICHIGAN, DESCRIBED AS BEGINNING AT A POINT ON THE EAST LINE OF DETROIT RIVER LAND COMPANY'S SUBDIVISION NO. 1 DISTANT SOUTH 0 DEGREES 02 MINUTES 00 SECONDS WEST 10.00 FEET FROM THE NORTHEAST CORNER OF LOT 246 OF SAID SUBDIVISION, SAID POINT BEING ON THE SOUTH LINE OF GROVE STREET, AND PROCEEDING THENCE ALONG THE SOUTH LINE OF GROVE STREET SOUTH 86 DEGREES 57 MINUTES 47 SECONDS EAST 278.65 FEET; THENCE SOUTH 0 DEGREES 02 MINUTES 00 SECONDS WEST 204.47 FEET; THENCE NORTH 89 DEGREES 07 MINUTES 40 SECONDS WEST 278.30 FEET TO THE EAST LINE OF DETROIT RIVER LAND COMPANY'S SUBDIVISION NO. 1; THENCE ALONG SAID EAST LINE NORTH 0 DEGREES 02 MINUTES 00 SECONDS EAST 215.00 FEET TO THE POINT OF BEGINNING.

Commonly known as 1213 Grove, Wyandotte, Michigan.

Tax Parcel Nos.: 57-023-10-0032-000
 57-022-11-0237-002

DET05/193137.1

A-11

JUL 1 1998

JUL 27 1998

Liber-29924 Page-422.0
98293734LS 8/07/1998 08:48AM

TRUSTEE'S DEED

\$4.00 RECONVEYANCE

\$3,242.20 STATE TRANSFER TAX

Revocable Living Trust of Sharon B. DeSana under Agreement dated April 2, 1997 by Karol E. Bommarito and NBD Bank, as co-Trustees and not individually, (collectively, "Grantor"), whose address is 900 Tower Drive, Troy, Michigan 48098, do hereby sell, convey, grant and bargain to (i) Gerald L. Keast, or his successors in Trust, as Trustee under the Gerald L. Keast Revocable Trust Agreement dated January 21, 1992, whose address is 1678 22nd Street, Wyandotte, Michigan 48192, an undivided 1/6 interest as a tenant in common and (ii) Mary Jo Keast Sadonis, whose address is 2391 22nd Street, Wyandotte, Michigan 48192, an undivided 1/6 interest as a tenant in common (collectively, "Grantee"), the premises situated in the City of Wyandotte, Wayne County, Michigan, and more particularly described in Exhibit A attached hereto and incorporated herein ("the Property"), subject only to building and use restrictions, easements, zoning ordinances, the existing Lease, and any liens or encumbrances as may have accrued or attached through the acts or omissions of persons other than Grantor.

To have and to hold, subject Property, together with all and singular the rights and appurtenances thereto in anywise belonging unto Grantee, its successors and assigns, forever, and Grantor covenants, promises and agrees that it has not done or suffered to be done anything whereby the Property herein conveyed is or may be in any manner encumbered or charged, except as hereinabove recited, and Grantor hereby covenants to Grantee and binds itself, and its successors and assigns, to warrant and forever defend all and singular the Property unto said Grantee, its successors and assigns, against all persons claiming by, through or under Grantor.

The consideration for this transfer is Three Hundred Seventy Six Thousand Six Hundred Sixty Six and 67/100 (\$376,666.67) Dollars.

The Grantor grants to the Grantee the right to make all divisions under Section 108 of the Land Division Act, Act No. 268 of the Public Acts of 1967.

This property may be located within the vicinity of farmland or a farm operation. Generally accepted agricultural and management practices which may generate noise, dust odors, and other associated conditions may be used and are protected by the Michigan Right to Farm Act.

Dated this 18th day of March, 1998.

\$13.00 DEED

RECORDED

FOREST E. YOUNGLOO, REGISTER OF DEEDS
WAYNE COUNTY, MI

Signed in the presence of:

Revocable Living Trust of Sharon B. DeSana
under agreement dated April 2, 1997.

Karol E. Bommarito
Karol E. Bommarito
Print Name Neil Davis, NEIL DAVIS

By: *Karol E. Bommarito*
Karol E. Bommarito
Its: Co-Trustee, and not otherwise

AND

NBD Bank, as Co-Trustee, and not otherwise.

Neil Davis
Neil Davis, NEIL DAVIS
Print Name Scott Weizen
SCOTT WEIZEN

By: *Glenn R. Brown*
Glenn R. Brown
Its: Vice President

07-23-1998 1101993

DEED'S 8.00

Q TRQ 13 4R3 PG5 SQ 2 REU \$3242.20-

STATE OF MICHIGAN)
) SS
COUNTY OF Wayne)

The foregoing instrument was acknowledged before me this 18th day of March, 1998, by Karol E. Bommarito, Co-Trustee of the Revocable Living Trust of Sharon B. DeSana under agreement dated April 2, 1997, on behalf of the Trust, and not individually.

JOAN M. LINGO
Notary Public, Wayne County, MI
My Commission Expires Nov. 30, 2001

Joan M. Lingo
JOAN M. LINGO Notary Public
Wayne County, Michigan
My Commission Expires: 11-30-01

STATE OF MICHIGAN)
) SS
COUNTY OF Oakland)

The foregoing instrument was acknowledged before me this 18th day of March, 1998, by Glenn R. Brown, Vice President of NBD Bank acting on behalf of said NBD Bank as Co-Trustee of the Revocable Living Trust of Sharon B. DeSana under Agreement dated April 2, 1997, on behalf of the Trust, and not individually.

BRUCE C. ANDERSON
NOTARY PUBLIC - WAYNE COUNTY, MI
MY COMMISSION EXPIRES 12/13/00

Bruce C. Anderson
Bruce C. Anderson Notary Public Wayne County
acting in Oakland County, Michigan
My Commission Expires: 2-13-2000

County Treasurer's Certificate		City Treasurer's Certificate
When Recorded Return To: <u>RODMAN N. MYERS</u>	Send Subsequent Tax Bills To:	Drafted by Rodman N. Myers, Esq. Honigman Miller Schwartz and Cohn 2290 First National Building Detroit, MI 48226

Tax Parcel
#57-022-10-0032-000
#57-022-11-0237-002

Recording Fee

State and County Transfer Tax:

EXHIBIT A

Legal Description Liber--29924 Page-424.0

LAND SITUATED IN THE COUNTY OF WAYNE, STATE OF MICHIGAN, FURTHER DESCRIBED AS FOLLOWS:

CITY OF WYANDOTTE, LOT 32, WYANDOTTE INDUSTRIAL SUBDIVISION NO. 1, ACCORDING TO THE RECORDED PLAT THEREOF, AS RECORDED IN LIBER 67 OF PLATS, PAGES 45 AND 66, WAYNE COUNTY RECORDS, AND THE NORTH 17.00 FEET OF LOT 237, AND LOTS 238 TO 246 INCLUSIVE, INCLUDING THE ADJOINING ONE-HALF OF THE VACATED PUBLIC ALLEY AT THE REAR THEREOF, DETROIT RIVER LAND COMPANY'S SUBDIVISION NO. 1, ACCORDING TO THE RECORDED PLAT THEREOF, AS RECORDED IN LIBER 37 OF PLATS, PAGE 24, WAYNE COUNTY RECORDS; ALSO THAT PART OF THE SOUTHWEST 1/4 OF SECTION 32, TOWN 3 SOUTH, RANGE 11 EAST, CITY OF WYANDOTTE, WAYNE COUNTY, MICHIGAN, DESCRIBED AS BEGINNING AT A POINT ON THE EAST LINE OF DETROIT RIVER LAND COMPANY'S SUBDIVISION NO. 1, DISTANT SOUTH 0 DEGREES 02 MINUTES 00 SECONDS WEST 10.00 FEET FROM NORTHEAST CORNER OF LOT 246 OF SAID SUBDIVISION, SAID POINT BEING ON THE SOUTH LINE OF GROVE STREET, AND PROCEEDING THENCE ALONG THE SOUTH LINE OF GROVE STREET SOUTH 36 DEGREES 57 MINUTES 47 SECONDS EAST 278.65 FEET; THENCE SOUTH 0 DEGREES 02 MINUTES 00 SECONDS WEST 204.47 FEET; THENCE NORTH 89 DEGREES 07 MINUTES 40 SECONDS WEST 278.30 FEET TO THE EAST LINE OF DETROIT RIVER LAND COMPANY'S SUBDIVISION NO. 1; THENCE ALONG SAID EAST LINE NORTH 0 DEGREES 02 MINUTES 00 SECONDS EAST 215.00 FEET TO THE POINT OF BEGINNING.

Commonly known as 1213 Grove, Wyandotte, Michigan.

Tax Parcel Nos.: 57-022-10-0032-000
57-022-11-0237-002

This is to certify that there are no tax liens or other
on this property and that taxes are paid for FIVE YEARS
previous to date of this instrument EXCEPT

No. 0993 *R. R. R. R.* Date *11 23 1990*
Wayne County Treasurer Clerk *R. R. R. R.*

DET05/195337.1

A-12

Liber-30272 Page-507B.0
 99427246 8/19/1999 11:35PM
 F.E. Youngblood, Wayne Co. Register of Deeds
 RDCLETAN

9983340 AUG 19 1999

WARRANTY DEED

STATUTORY FORM

KNOW ALL MEN BY THESE PRESENTS:

That Elsie L. DeSana Trustee of the Francis J. DeSana Trust Agreement dated December 3, 1976 Residing at P.O. Box 293, Kalkaska, Michigan 49646

Convey(s) and warrant(s) to City of Wyandotte, A Michigan Municipal Corporation

whose street number and Post Office address is
 3131 Biddle Avenue, Wyandotte, MI 48192

the following premises situated in the City of Wyandotte, County of Wayne and the State of Michigan, to-wit:

See Attached

TAX I.D. # 57-022-10-0032-000
 COMMONLY KNOWN AS: VACANT PROPERTY ON 13TH

together with all and singular tenements, hereditaments and appurtenances thereunto belonging or in anywise appertaining, for the full consideration of:

One (\$1.00) Dollar

subject to the existing building and use restrictions and easements of record and zoning ordinances. This instrument is exempt pursuant to MCL 207.505(a) and 207.526(a)

Dated this 12th day of May, A.D., 1999

Signed in Presence of:

Signed by:

Jack C. Carr
 JACK C. CARR
Wanna C. Durham
 WANNAN C. DURHAM

Elsie L. DeSana
 ELSIE L. DESANA
 TRUSTEE OF THE FRANCIS J. DESANA TRUST
 AGREEMENT DATED DECEMBER 3, 1976

STATE OF MICHIGAN

COUNTY OF Kalkaska ss.

On this 12th Day of May, A.D., 1999
 before me personally appeared Elsie L. DeSana trustee of the Francis J. DeSana Trust Agreement dated December 3, 1976
 to me known to be the person described in and who executed the foregoing instrument and acknowledged that they executed the same as their free act and deed, and represented that they are 18 years of age or older.

Gary I. Rowell
 My commission expires Jan 2 Rowell

March 28 1999 Notary Public Kalkaska County, MI

Instrument William R. Look
 Drafted by 2241 Oak Street
 Wyandotte, MI 48192

When William R. Look
 recorded 2241 Oak Street
 return to Wyandotte, MI 48192

Recording Fee

State Revenue Stamps

F-19

NO REVENUE ATTACHED

R WD 12 4R 2P6 5 E(a)(u) J

An undivided 1/3 interest in:

The South portion of Lot 32 more particularly described as beginning at the Southeast corner of Lot 32; thence North 0 degrees 02 minutes 00 seconds East 109.98 feet along the East lot line of Lot 32; thence North 89 degrees 07 minutes 40 seconds West 296.30 feet; thence South 0 degrees 02 minutes 00 seconds West 30.00 feet; thence South 89 degrees 07 minutes 40 seconds East 18.00 feet; thence South 0 degrees 02 minutes 00 seconds West 79.98 feet to the South property line of Lot 32; thence South 89 degrees 07 minutes 40 seconds East 278.30 feet to the point of beginning, WYANDOTTE INDUSTRIAL SUBDIVISION NO. 1 of parts of the Southeast 1/4 of Section 31 and the Southwest 1/4 of Section 32, T.3.S., R.11.E., City of Wyandotte, Wayne County, Michigan as recorded in Liber 87 of plats, Pages 65 and 66, Wayne County Records.

This is to certify that there are no tax liens or other
on this property and that taxes are paid for FIVE YEARS
previous to date of this instrument EXCEPT
Sta. OSTI Reg. of Wjany Date 100 8 1993
WAYNE COUNTY TREASURER Clerk John

08-06-1999 440.0517

DEED'S 4.00

A-13

Liber-30272 Page-8068.0
 99427244 8/19/1999 11:34PM
 F.E. Youngblood, Wayne Co. Register of Deeds
 RDCLETAN

9983340 AUG 18 1999

WARRANTY DEED

STATUTORY FORM



KNOW ALL MEN BY THESE PRESENTS:

That Mary Jo Keast Sadonis

Residing at 1213 Grove, Wyandotte, Michigan 48192

Convey(s) and warrant(s) to City of Wyandotte, a Municipal Corporation

whose street number and Post Office address is 3131 Biddle, Wyandotte, Michigan

the following premises situated in the City of Wyandotte, County of Wayne
 and the State of Michigan, to-wit: 1/3 interest

** LEGAL ATTACHED**

TAX I.D. # 57-022-10-0032-000

COMMONLY KNOWN AS: Vacant Property on 13th

together with all and singular tenements, hereditaments and appurtenances thereunto
 belonging or in anywise appertaining, for the full consideration of: One \$1.00 Dollar

subject to the existing building and use restrictions and easements of record and
 zoning ordinances. This instrument is exempt pursuant to MCL 207.505(a) and 207.526(a)

Dated this 14th day of May, A.D., 1999

Signed in Presence of:

Kelly Roberts
 Kelly Roberts
William R. Look

Signed by:

Mary Jo Keast Sadonis
 Mary Jo Keast Sadonis

William R. Look

STATE OF MICHIGAN

COUNTY OF Wayne ss.

On this 14th day of May, A.D., 1999
 before me personally appeared Mary Jo Keast Sadonis

to me known to be the person described in and who executed the foregoing
 instrument and acknowledged that they executed the same as their free
 act and deed, and represented that they are 18 years of age or older.

Kelly Roberts
 My commission expires Kelly Roberts

February 13, 2001

Notary Public Wayne County, MI

Instrument

Drafted by William R. Look
 2241 Oak Street
 Wyandotte, MI 48192

When
 recorded
 return to Sharter

Recording Fee

State Revenue Stamps

P-19

NO REVENUE ATTACHED
 R WO 12 4R 2PG 5 E(a)(a) JS

An undivided 1/3 interest in:

The South portion of Lot 32 more particularly described as beginning at the Southeast corner of Lot 32; thence North 0 degrees 02 minutes 00 seconds East 109.98 feet along the East lot line of Lot 32; thence North 89 degrees 07 minutes 40 seconds West 296.30 feet; thence South 0 degrees 02 minutes 00 seconds West 30.00 feet; thence South 89 degrees 07 minutes 40 seconds East 18.00 feet; thence South 0 degrees 02 minutes 00 seconds West 79.98 feet to the South property line of Lot 32; thence South 89 degrees 07 minutes 40 seconds East 278.30 feet to the point of beginning, WYANDOTTE INDUSTRIAL SUBDIVISION NO. 1 of parts of the Southeast 1/4 of Section 31 and the Southwest 1/4 of Section 32, T.3.S., R.11.E., City of Wyandotte, Wayne County, Michigan as recorded in Liber 87 of plats, Pages 65 and 66, Wayne County Records.

This is to certify that there are no tax liens or taxes
on this property and that taxes are paid for FIVE YEARS
previous to date of this instrument EXCEPT

No. 0577 Ray H. H. H. H. Date Jul 6 1999
CLERK & COUNTY TREASURER Clara H. H. H.

08-06-1999 440.0517

DEED'S 4.00

A-14

202908-12
9983340 AUG 18 1999Liber-30272 Page-8080.0
99427247 8/19/1999 11:35PM
F.E. Youngblood, Wayne Co. Register of Deeds
RDCLETAN

WARRANTY DEED

STATUTORY FORM

KNOW ALL MEN BY THESE PRESENTS:

That Gerald L. Keast, as Trustee under the Gerald L. Keast Revocable Trust Agreement
dated January 21, 1992
Residing at 1213 Grove, Wyandotte, Michigan 48192

Convey(s) and warrant(s) to City of Wyandotte, a Municipal Corporation

whose street number and Post Office address is 3131 Biddle, Wyandotte, Michigan

the following premises situated in the City of Wyandotte, County of Wayne
and the State of Michigan, to-wit: 1/3 interest

LEGAL ATTACHED

TAX I.D. #57-022-10-0032-000

COMMONLY KNOWN AS: Vacant Property on 13th

together with all and singular tenements, hereditaments and appurtenances thereunto
belonging or in anywise appertaining, for the full consideration of: One (\$1.00) Dollarsubject to the existing building and use restrictions and easements of record and
zoning ordinances. This instrument is exempt pursuant to MCL 207.505(a) and 207.526(a)

Dated this 14th day of May, A.D., 1999

Signed in Presence of:

Signed by:

Kelly Roberts
Kelly Roberts

Gerald L. Keast, Trustee

William R. Look

STATE OF MICHIGAN

COUNTY OF Wayne ss.

On this 14th Day of May, A.D., 1999
before me personally appeared Gerald L. Keast, Trusteeto me known to be the person described in and who executed the foregoing
instrument and acknowledged that they executed the same as their free
act and deed, and represented that they are 18 years of age or older.

My commission expires Kelly Roberts

February 13 192001

Notary Public Wayne County, MI

Instrument
Drafted by William R. Look
2241 Oak Street
Wyandotte, MI 48192When
recorded
return to

Recording Fee

State Revenue Stamps

F-19

NO REVENUE ATTACHED

R WD 12 YR 246 5 E(a)(u)

An undivided 1/3 interest in:

The South portion of Lot 32 more particularly described as beginning at the Southeast corner of Lot 32; thence North 0 degrees 02 minutes 00 seconds East 109.98 feet along the East lot line of Lot 32; thence North 89 degrees 07 minutes 40 seconds West 296.30 feet; thence South 0 degrees 02 minutes 00 seconds West 30.00 feet; thence South 89 degrees 07 minutes 40 seconds East 18.00 feet; thence South 0 degrees 02 minutes 00 seconds West 79.98 feet to the South property line of Lot 32; thence South 89 degrees 07 minutes 40 seconds East 278.30 feet to the point of beginning, WYANDOTTE INDUSTRIAL SUBDIVISION NO. 1 of parts of the Southeast 1/4 of Section 31 and the Southwest 1/4 of Section 32, T.3.S., R.11.E., City of Wyandotte, Wayne County, Michigan as recorded in Liber 87 of plats, Pages 65 and 66, Wayne County Records.

This is to certify that there are no tax liens or claims on this property and that taxes are paid for FIVE YEARS previous to date of this instrument EXCEPT

Vol. OS17 Raymond G. Gifford Date APR 5 1935
WAYNE COUNTY TREASURER Clerk Ed. Boyer

00-06-1999 4410517

DEED * S 4.00

A-15

WAYNE COUNTY TREASURER
CERTIFICATE OF FORFEITURE OF REAL PROPERTY

I hereby certify that on, March 1, 2011 the following real property was forfeited to the Wayne County Treasurer for NON PAYMENT OF REAL PROPERTY TAX YEAR 2009.

This property will be titled absolutely in the name of Wayne County Treasurer if not redeemed on or before the March 31 immediately succeeding the entry in an uncontested case of a judgment foreclosing the property under MCL 211.78k, or in a contested case, 21 days after the entry of a judgment foreclosing the property under MCL211.78k.

Taxpayer's Name and Address: DET TUBULAR RIVET CO INC
1213 GROVE
WYANDOTTE, MI 48192

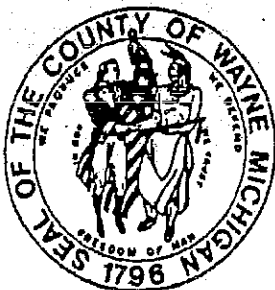
Property located in the CITY OF WYANDOTTE, WAYNE COUNTY, MI 48192
Property ID No: 57022100032301

Property Description:

*15757.1, 15758.1*PTOF LOT 32 DESC AS BEG N 00D 02M 00S E 109.98 FT AND N 89D 07M 40S W 296.30 FT FROM THE SE COR OF SAID LOT 32--TH S 00D 02M 00S W 30.00 FT--TH N 89D 07M 40S W 103.70 FT--TH N 00D 02M 00S E 30.00 FT--TH S 89D 07M 40S E 103.70 FT--POB 0.07 AC---WYANDOTTE INDUSTRIAL SUB NO.1 T3S R11E L 87 P 65, 66 WCR-K-0.72

Commonly known as: VACANT 13TH, WYANDOTTE

Dated this Day 4/14/2011



Raymond J. Wojtowicz

Wayne County Treasurer

A-16

WAYNE COUNTY TREASURER
CERTIFICATE OF FORFEITURE OF REAL PROPERTY

I hereby certify that on, March 1, 2011 the following real property was forfeited to the Wayne County Treasurer for NON PAYMENT OF REAL PROPERTY TAX YEAR 2009.

This property will be titled absolutely in the name of Wayne County Treasurer if not redeemed on or before the March 31 immediately succeeding the entry in an uncontested case of a judgment foreclosing the property under MCL 211.78k, or in a contested case, 21 days after the entry of a judgment foreclosing the property under MCL211.78k.

Taxpayer's Name and Address: **DET TUBULAR RIVET CO INC**
1213 GROVE
WYANDOTTE, MI 48192

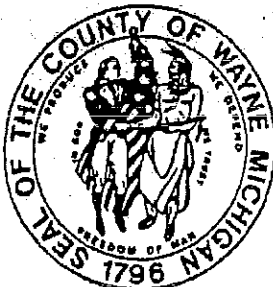
Property located in the CITY OF WYANDOTTE, WAYNE COUNTY, MI 48192
Property ID No: 57022100032303

Property Description:

*15757.3 15758.3*PT OF LOT 32 DESC AS BEG N 00D 02M 00S E 109.98 FT FROM THE SE COR OF SAID LOT 32--TH N 89D 07M 40S W 298.30 FT-TH N 00D 02M 00S E 60 FT-TH N 89D 07M 40S W 121.70 FT-TH N 00D 02M 00S E 133 FT-TH S 89D 07M 40S E 400 FT-TH S 00D 02M 00S W 193.00 FT--WYANDOTTE INDUSTRIAL SUB NO.1 T3S R11E L 87 P 65, 66 WCR-K-1.60

Commonly known as: **VACANT 13TH, WYANDOTTE**

Dated this Day 4/14/2011



Raymond J. Wojtowicz

Raymond J. Wojtowicz

Wayne County Treasurer



430184

U.S. ENVIRONMENTAL PROTECTION AGENCY
REMOVAL ACTION



ADMINISTRATIVE RECORD
FOR
DETROIT TUBULAR RIVET SITE
WYANDOTTE, WAYNE COUNTY, MICHIGAN

ORIGINAL
APRIL 10, 2012

<u>NO.</u>	<u>DATE</u>	<u>AUTHOR</u>	<u>RECIPIENT</u>	<u>TITLE/DESCRIPTION</u>	<u>PAGES</u>
1	01/12/12	Daniels, M., MDEQ	Addressees	Letter re: Violation Notice; Detroit Tubular Rivet, Inc. (DTR); Site Identification No.: MID005373774 (SDMS ID: 431667)	6
2	01/20/12	Daniels, M., MDEQ	Kimble, J., U.S. EPA	E-mail Message re: MDEQ Request for Assistance at the Detroit Tubular Rivet Site (Forwarded Message) (SDMS ID: 431668)	2
3	01/25/12	Keast, J., Detroit Tubular Rivet	Daniels, M., MDEQ	Letter re: Detroit Tubular Rivet Response to MDEQ Letter Dated January 12, 2012 (Forwarded Message) (SDMS ID: 431669)	3
4	02/27/12	Kelly, B., U.S. EPA	Daniels, M., MDEQ	Letter re: Request for MDEQ to Identify any ARARs for the Proposed Removal Action at the Detroit Tubular Rivet Site (SDMS ID: 431670)	1
5	02/28/12	Weston Solutions, Inc.	U.S. EPA	Site Assessment Report for the Detroit Tubular Rivet Site (SDMS ID: 431671)	50
6	04/10/12	Kelly, B., U.S. EPA	Karl, R., U.S. EPA	Action Memorandum: Request for Approval and Funding for a Time-Critical Removal Action at the Detroit Tubular Rivet Site (PORTIONS OF THIS DOCUMENT HAVE BEEN REDACTED/SDMS ID: 430176)	17



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING



DAN WYANT
DIRECTOR

January 12, 2012

Mr. Gerald Keast

CERTIFIED MAIL

Wyandotte, Michigan 48192

Ms. Mary Jo Sadonis

Southgate, Michigan 48195

Mr. Kevin Haxter
DeSana Trust

Trenton, Michigan 48183



Dear Messrs. Keast and Haxter and Ms. Sadonis:

SUBJECT: Violation Notice; Detroit Tubular Rivet, Inc. (DTR);
Site Identification No.: MID 005 373 774

On December 13, 2011, Department of Environmental Quality (DEQ), Resource Management Division (RMD), staff conducted an inspection of DTR, located at 1213 Grove Street, Wyandotte, Michigan. The purpose of the inspection was to evaluate DTR's compliance with Part 111, Hazardous Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA); Part 121, Liquid Industrial Wastes, of the NREPA; the corresponding requirements under Subtitle C of the federal Resource Conservation and Recovery Act of 1976, as amended; and any administrative rules or regulations promulgated pursuant to these acts. In addition, the December 13, 2011 inspection observations were a follow-up to the July 26, 2011 inspection by the DEQ. A copy of the completed inspection form(s) can be obtained by contacting this office.

As a result of the inspection, the RMD has determined that DTR is in violation of the following at the above-referenced location:

Hazardous Waste Violations:

1. The facility must be maintained and operated to minimize the possibility of fire, explosion, release of hazardous waste or hazardous waste constituents which could threaten human health and/or the environment (Rule 306(1)(d):40 CFR Subpart C, 265.31)).

2. The hazardous waste accumulation area must be protected from weather, fire, physical damage and vandals (Part 111, Rule 306(1)(e)).
3. A person who generates a solid waste must determine if that waste is a hazardous waste (Part 111, Rule 302 & 40 CFR 262.11).
4. A facility shall determine if the hazardous waste generated is restricted from land disposal (Part 111, Rule 311(1) & 40 CFR 268.7(a)).
5. The date upon which each period of accumulation began must be marked and visible for inspection on each hazardous waste container (Rule 306(1)(b) & 40 CFR 252.34(a)(2)).
6. A facility may accumulate hazardous waste on site for less than 90 days, from the date upon which the period of accumulation began, without having a permit or without having interim status. A facility that stores hazardous waste for greater than 90 days has established a storage facility without the appropriate operating license (Section 11123(1)): (Rule 306(1) & 40 CFR 262.34(a) & (b)).
7. Container(s) of hazardous waste must be maintained in good condition. If it begins to leak, the facility must transfer the hazardous waste to a container that is in good condition or manage the waste in some other way that complies with the requirement of 40 CFR 265.171 (Part 111, Rule 306(1)(a) & 40 CFR 262.34(a)(1)).
8. A container holding hazardous waste must always be closed except when adding or removing waste as required in 40 CFR 265.173(a) (Part 111, Rule 306(1)(a) & 40 CFR 262.34(a)(1)).
9. A container holding hazardous waste must not be opened, handled or stored in a way which may rupture it or cause it to leak as required in 40 CFR 265.173(b) (Part 111, Rule 306(1)(a) & 40 CFR 262.34(a)(1)).

Liquid Industrial Waste Violations:

10. Generators of liquid industrial waste (LIW) must comply with the waste evaluation requirements of Part 111, & rules promulgated under that part; Part 121, Section 12103(1)(a).
11. Storage of LIW at the location of generation must be protected from weather, fire, physical damage and vandals. All vehicles, containers and tanks used to hold LIW must be closed or covered except when necessary to add or remove waste to prevent the escape of LIW. The exterior of all vehicles, containers and tanks must be kept free of LIW and its residue; Part 121, Section 12113(1).

Mr. Gerald Keast
Ms. Mary Jo Sadonis
Mr. Kevin Haxter

3

January 12, 2012

12. Generators of LIW must manage the waste in a manner that prevents the discharge of the LIW into the soil, surface water or groundwater, or a drain or sewer or in violation of Part 55; Part 121, Section 12113(2).
13. A generator of a LIW must store, treat, or dispose of the waste in accordance with all applicable statutes, rules and orders of the department; Part 121, Section 12113(3).

Previous violations identified during the July 26, 2011, DEQ inspection (these violations were determined to be unresolved and recurring during the December 13, 2011, inspection):

14. A generator of a liquid industrial waste, including used oil, must store the used oil in containers that are closed with an affixed lid, except when adding or removing the waste from the container; Part 121, Section 12113(1).
15. All containers and tanks utilized to store used oil must be labeled with the words "USED OIL." Rule 810; 40 CFR 279.22(c)(1).
16. Upon detection of a release of used oil, the facility must do the following:
 - a. Stop the release; Rule 810; 40 CFR 279.22(d)(1).
 - b. Contain the released used oil; Rule 810; 40 CFR 279.22(d)(2).
 - c. Clean-up and manage the released used oil and other materials. Rule 810; 40 CFR 279.22(d)(3).
 - d. Prevent future releases by replacing or repairing and leaking containers or tanks. Rule 810; 40 CFR 279.22(d)(4).

The following information and observations were documented with photographs during the December 13, 2011, inspection of the closed facility and serve as a basis for the violations identified in this letter. Mr. Gerald Keast was present during the inspection.

- Throughout the inside of the building, regulated waste was observed to be stored and stockpiled in various accumulation areas.
- The containers were of various sizes, ranging from 1/2 gallon to five gallon cans and pails, 35 gallon drums, unused materials (in their original packaging), spray cans, 55-gallon drums and various sized large totes.
- Many of the containers were observed to be stored open, without affixed lids and were either partially full or completely full of liquids.

- Unaddressed spills to the floor of the building were identified and photographed throughout the building.
- Trenches and sumps, especially in the former plating line area, were seen to have unknown liquids accumulated in them.
- Piles of debris were identified consisting of what looked like dismantled PVC and metal pipe, hoses and other scrap presumed to be from the dismantling of the plating process equipment sold during a bank held auction. Some of the debris appeared to be covered with waste residue.
- Dismantled tanks and ancillary equipment related to the former waste water treatment process (sewer discharge) were seen on the upper level platform of the former discharge area. It could not be determined if waste material was in these tanks.
- At least three plastic 55-gallon containers of material marked "Hazardous Waste" (methylene chloride) were observed. These were presumed to be generated by the DTR vapor degreasing process. *Since the facility ceased operations on August 5, 2011, it was determined that this material had been stored over 90 days.*
- Material stored in two open top 55-gallon plastic drums appeared to be F006 listed hazardous waste water treatment filter cake. *Since the facility ceased operations on August 5, 2011, it was determined that this material had been stored over 90 days.*
- One container labeled "Techtride" appeared to be a highly toxic and harmful material. The label on the container stated "Vapor harmful – High concentrations can cause unconsciousness or death". *Since the facility ceased operations on August 5, 2011, it was determined that this material had been stored over 90 days.*
- The former used oil storage tank area had pooled oil inside the surrounding secondary containment. It was not known if the tank(s) were leaking or the oil had been spilled. *This condition was identified during the July 26, 2011 inspection and had not been adequately addressed since that time.*
- Various 55 gallon containers of what was presumed to be used oil was also seen in this area. Some of the containers were not closed and had no lids. *This condition was identified during the July 26, 2011, inspection and had not been adequately addressed since that time.*

- Outside the building, an approximately 10 cubic yard roll off box of hazardous (F006) waste water treatment filter cake was observed to be stored in a truck well loading dock area. This container had an inner liner but did not have a tarp over it and was not labeled, as required. The container was stored outside along 13th Street and was subject to vandalism. *Since the facility ceased operations on August 5, 2011, it was determined that this material had been stored over 90 days. (See note below).*
- Also outside the building, various plastic 55-gallon plastic containers were stored adjacent to the solid waste trash bin. Although some of the containers appeared to be empty, their actual contents and status could not be determined. These containers were accessible and subject to vandalism. (See note below).

NOTE: Mr. Gerald Keast, who participated during the inspection, was told that the containers outside the building would have to be addressed immediately and that they could not remain open and unsecured outside the building. This requirement was reiterated in two subsequent e-mails to Mr. Keast dated December 15, 2011, and December 19, 2011.

- Also outside the building, adjacent to the solid waste trash bin, were relatively small piles of debris consisting of trash and what appeared to be dismantled equipment.

Materials which are "abandoned", and, thereby, "discarded" are designated Part 111 and 40 CFR 262 and 265, et. al. regulatory status, thereby, requiring the timely characterization and appropriate storage in anticipation of proper off-site management. DEQ staff determined that a great deal of the material stored at the site was either not labeled, may be labeled incorrectly or is unknown material. Some of the materials are stored in a manner which allows for a release or are in containers that are in poor condition. Some of the material is hazardous waste which has been stored longer than allowed (90 days) without a hazardous waste storage permit. A generator of a hazardous waste must characterize all waste prior to disposal, manage it in manner to prevent releases to the environment and harm to human health and operate within the regulatory parameters of the facilities regulatory status, in this case, a large quantity generator of hazardous waste. In addition, land disposal restriction determinations must be made by the generator to determine if the materials are characteristic or listed hazardous wastes which are subject to the Rule 311 and 40 CFR Part 268 requirements.

DTR should immediately initiate any actions specified above and other actions necessary to correct the cited violations. Additionally, please submit documentation to this office regarding those actions taken or to be taken to address the violations listed

Mr. Gerald Keast
Ms. Mary Jo Sadonis
Mr. Kevin Haxter

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January 12, 2012

above by **January 27, 2012**. Your response may include additional information relevant to the violations observed for evaluation. The RMD will evaluate your response, determine DTR's compliance status at the above-referenced location, and notify you of this determination.

At a minimum, your response should explain the cause of the violations, the actions taken to correct the violations, what steps are being taken to prevent reoccurrence of the violations, and the duration of the violations, including whether the violations ongoing. If the violations are not resolved by the date of your response, your response should include a work plan that describes what equipment will be installed, procedures that will be implemented, processes or process equipment that will be shut down, or other actions that will be taken and by what dates these actions will take place to resolve the violations.

This Violation Notice does not preclude, nor limit, the DEQ's ability to initiate any other enforcement action under state or federal law, as deemed appropriate.

We anticipate and appreciate your cooperation in resolving this matter. If you have any questions, please feel free to contact me at the telephone number below, by e-mail at DANIELSM@michigan.gov, or by mail at DEQ, RMD, 27700 Donald Court, Warren, Michigan 48092-2793.

Sincerely,

Mark F. Daniels
Environmental Quality Analyst
Southeast Michigan District Office
Resource Management Division
586-753-3841

cc: City of Wyandotte, Fire Chief
Mr. Jason W. Bank, Kerr, Russell and Weber, PLC
Ms. Allison Bach, Dickenson Wright, PLLC
Mr. Roger Gillard, Wayne County
Mr. Joseph DeGrazia, DEQ
Mr. Paul Owens, DEQ
Mr. John Craig, DEQ
Ms. Jeanette Noechel, DEQ



Fw: letter dated 1-12-12
Jeffrey Lippert
to:
Betsy Nightingale, Brian Kelly
01/26/2012 08:08 AM
Hide Details
From: Jeffrey Lippert/R5/USEPA/US



To: "Betsy Nightingale" <nightingale.elizabeth@epa.gov>, "Brian Kelly"
<kelly.brian@epa.gov>

From: "Daniels, Mark (DEQ)" [DANIELSM@michigan.gov]
Sent: 01/26/2012 08:05 AM EST
To: Jeffrey Lippert
Subject: FW: letter dated 1-12-12

FYI

From: Gerald Keast [mailto:jerrykeast@gmail.com]
Sent: Wednesday, January 25, 2012 5:31 PM
To: Daniels, Mark (DEQ)
Subject: letter dated 1-12-12

Mr. Daniels,

In response to your letter of 1-12-12 Detroit Tubular Rivet will not be able to address all of your violations. Because of Citizens Bank calling in a loan DTR was forced into bankruptcy and ultimately total liquidation. DTR closed its doors in Aug of 2011, A auction took place in Sept of 2011 and all of DTR's assets were sold off and the proceeds were kept by Citizens.

The JULY violations you mentioned in your letter were not addressed because two weeks later DTR did not exist. In fact what you saw on your Dec visit was what was left after the auction. Citizens Bank did state that they would take care of the environmental issues, in fact it is part of their inventory.

i was able to place all containers inside the building with lids attached and cover the filter cake with a

tarp that sits in the west side truck well. i am working on the removal of the filter cake but so far no luck. As of now i am jobless with no money coming in to pay for any disposal fees. since DTR is closed many of the violations in your letter should be addressed any questions please feel free to contact me.

Regards,
Jerry Keast



emails

Jeffrey Kimble to: Brian Kelly
This message is digitally signed

01/25/2012 08:28 AM

History This message has been forwarded.

See below, e-mail referral.

Jeff Kimble, On-Scene Coordinator
U.S. EPA, Region 5
9311 Groh Road
Grosse Ile, Michigan 48138
(734) 692-7688 office
(734) 740-9013 cell
(734) 692-7677 fax

----- Forwarded by Jeffrey Kimble/R5/USEPA/US on 01/25/2012 08 28 AM -----

From "Daniels, Mark (DEQ)" <DANIELSM@michigan.gov>
To Jeffrey Kimble/R5/USEPA/US@EPA, Jon Gulch/R5/USEPA/US@EPA
Cc "Craig, John (DEQ)" <CRAIGJ@michigan.gov>, "Noechel, Jeanette (DEQ)" <NOECHELJ@michigan.gov>, "Lee, Lonnie (DEQ)" <LEEL@michigan.gov>
Date 01/20/2012 10:56 AM
Subject Clean-up action - Detroit Tubular Rivet, Wyandotte, MI

Dear Mr. Kimble,

As we discussed over the telephone this morning, I am referring the following site for clean-up action/site remediation by the U.S. EPA. Attached is a recent violation notice from our office which documents the violations and describes the conditions at the site. Also, I am listing information regarding the relevant parties who have had dealings with the property and were involved in the bankruptcy. Per your request, I will continue to attempt to have the roll-off box identified in the letter secured (tarp) by the City of Wyandotte. Please keep me updated regarding any actions that your staff may undertake in response to this matter. Please feel free to call or e-mail me with any questions or if I can help.

Detroit Tubular Rivet: former owner-operators and property management Principles:

Mr. Gerald Keast (cell) 734-231-3100
Ms. Mary Jo Sadonis (734) 624-3805
Mr. Kevin Haxter (The Desana Trust contact) (734) 231-3100

Attorney who represented the lien holder "Citizens Bank" during the bankruptcy:

Ms. Allison Bach
Dickenson Wright PLLC
500 Woodward Avenue
Suite 4000
Detroit, Michigan 48226

Attorney who represented the company during the bankruptcy:

Mr. Jason A. Bank
Kerr, Russell and Weber, PLC
500 Woodward Avenue
Suite 2500
Detroit, Michigan 48226 (313) 961-0200

Mark F. Daniels
Environmental Quality Analyst
Michigan Department of Environmental Quality
Resource Management Division
Southeast Michigan District Office
27700 Donald Court
Warren, Michigan 48092

E-mail. danielsm@michigan.gov
Telephone (586) 753-3841
Fax: (586) 753-3831



detroittubularrivet12-13-11.pdf

----- Forwarded by Jeffrey Kimble/R5/USEPA/US on 01/25/2012 08 28 AM -----

From "Daniels, Mark (DEQ)" <DANIELSM@michigan.gov>
To Jeffrey Kimble/R5/USEPA/US@EPA, Jon Gulch/R5/USEPA/US@EPA
Date 01/20/2012 11 15 AM
Subject correction

Correction Jason W Bank not Jason A Bank

From: Daniels, Mark (DEQ)
Sent: Friday, January 20, 2012 10:56 AM
To: 'Kimble.jeffrey@epa.gov'; 'Gulch.jon@epa.gov'
Cc: Craig, John (DEQ); Noechel, Jeanette (DEQ); Lee, Lonnie (DEQ)
Subject: Clean-up action - Detroit Tubular Rivet, Wyandotte, MI

Dear Mr. Kimble,

As we discussed over the telephone this morning, I am referring the following site for clean-up action/site remediation by the U S EPA. Attached is a recent violation notice from our office which documents the violations and describes the conditions at the site. Also, I am listing information regarding the relevant parties who have had dealings with the property and were involved in the bankruptcy. Per your request, I will continue to attempt to have the roll-off box identified in the letter secured (tarped) by the City of Wyandotte. Please keep me updated regarding any actions that your staff may undertake in response to this matter. Please feel free to call or e-mail me with any questions or if I can help.

Detroit Tubular Rivet former owner-operators and property management Principles.

Mr. Gerald Keast (cell) 734-231-3100
Ms. Mary Jo Sadonis (743) 624-3805
Mr. Kevin Haxter (The Desana Trust contact) (734) 231-3100

Attorney who represented the lien holder "Citizens Bank" during the bankruptcy:

Ms. Allison Bach
Dickenson Wright PLLC
500 Woodward Avenue

Suite 4000
Detroit, Michigan 48226

Attorney who represented the company during the bankruptcy.

Mr. Jason A. Bank
Kerr, Russell and Weber, PLC
500 Woodward Avenue
Suite 2500
Detroit, Michigan 48226 (313) 961-0200

Mark F. Daniels
Environmental Quality Analyst
Michigan Department of Environmental Quality
Resource Management Division
Southeast Michigan District Office
27700 Donald Court
Warren, Michigan 48092

E-mail: danielsm@michigan.gov
Telephone: (586) 753-3841
Fax: (586) 753-3831



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
EMERGENCY RESPONSE BRANCH
9311 GROH ROAD
GROSSE ILE, MICHIGAN 48138



REPLY TO ATTENTION OF:
Brian Kelly

February 27, 2012

Mark F. Daniels
Michigan Department of Environmental Quality
Southeast Michigan District Office
27700 Donald Court
Warren, Michigan 48092

Dear Mr. Daniels:

This letter requests the Michigan Department of Environmental Quality identify all individually Applicable, Relevant, and Appropriate Requirements (ARARs) for a proposed removal action at the Detroit Tubular Rivet site (site) located at 1213 Grove Street, Wyandotte, Michigan 48192. Specific ARARs identified in a timely manner for this removal action will be complied with to the extent practicable.

The United States Environmental Protection Agency is considering funding or entering into agreement with a potentially responsible party to fund a time-critical removal action to mitigate the potentially imminent and substantial threat to public health, welfare, and the environment posed by the presence of abandoned hazardous waste. On approval of an action memorandum, the removal action will secure, sample, and off-site dispose of these wastes.

If you have any questions regarding this request or require more detailed information, please call me at (734) 692-7684.

Sincerely,

A handwritten signature of Brian Kelly in cursive script.

Brian Kelly
U.S. EPA, OSC

cc: J Gulch, U.S. EPA

**SITE ASSESSMENT REPORT
FOR
DETROIT TUBULAR RIVET SITE
WYANDOTTE, WAYNE COUNTY, MICHIGAN**

Prepared for:

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V
Emergency Response Branch No. 1
9311 Groh Road
Grosse Ile, MI 48138

Prepared by:

WESTON SOLUTIONS, INC.
Suite R
360 East Maple Road
Troy, MI 48083

Date Prepared:	February 28, 2012
Technical Direction Document No.:	S05-0001-1201-014
Document Control No.:	1725-2A-AUHV
Contract No.:	EP-S5-06-04
WESTON START Project Manager:	Alexandra Clark
Telephone No.:	(248) 658-5015
U.S. EPA On-Scene Coordinators:	Brian Kelly/ Elizabeth Nightingale

**SITE ASSESSMENT REPORT
FOR
DETROIT TUBULAR RIVET SITE
WYANDOTTE, WAYNE COUNTY, MICHIGAN**

Prepared for:

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region V
Emergency Response Branch No. 1
9311 Groh Road
Grosse Ile, MI 48138

Prepared by:

WESTON SOLUTIONS, INC.

Suite R
360 East Maple Road
Troy, MI 48083

February 28, 2012

Prepared by: Matthew C. Beer Date: February 28, 2012
Matthew Beer
WESTON START Member

Reviewed by: Alexandra Clark Date: February 28, 2012
Alexandra Clark
WESTON START Project Manager

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LIST OF APPENDICES

Appendix A	Photographic Documentation
Appendix B	Laboratory Analytical Report and Data Validation Report

LIST OF ABBREVIATIONS AND ACRONYMS

AST	Aboveground storage tank
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	<i>Code of Federal Regulations</i>
DTR	Detroit Tubular Rivet, Inc.
ft	Feet
MDEQ	Michigan Department of Environmental Quality
mg/L	Milligram per liter
NCP	National Oil and Hazardous Substances Pollution Contingency Plan
No.	Number
OSC	On-Scene Coordinator
Poly	Polyethylene
SA	Site assessment
START	Superfund Technical Assessment and Response Team
SU	Standard unit
TCLP	Toxicity characteristic leaching procedure
µg/kg	Microgram per kilogram
U.S. EPA	United States Environmental Protection Agency
WESTON	Weston Solutions, Inc.

1. INTRODUCTION

The United States Environmental Protection Agency (U.S. EPA) tasked the Weston Solutions, Inc. (WESTON®), Superfund Technical Assessment and Response Team (START) to assist the U.S. EPA On-Scene Coordinators (OSCs) in performing a site assessment (SA) at the Detroit Tubular Rivet site in Wyandotte, Wayne County, Michigan (the Site). Under Technical Direction Document No. S05-0001-1201-014, U.S. EPA requested WESTON START to collect samples from drums and containers of unknown contents located at the Site. The purpose of the sampling was to determine the presence of hazardous substances in Site buildings. WESTON START also collected written and photographic documentation of Site conditions, performed air monitoring, and evaluated the potential for imminent and substantial threats to the public health or welfare or the environment. WESTON START conducted the SA on January 30, 2012.

This SA report is organized into the following sections:

- **Introduction** – Provides a brief description of the objectives and scope of SA activities
- **Site Background** – Details the Site description and history
- **Site Assessment Activities** – Discusses the methods and procedures used during the SA
- **Analytical Results** – Discusses analytical results for samples collected during the SA
- **Threats to Human Health and the Environment** – Identifies conditions at the Site that may warrant a removal action under the National Oil and Hazardous Substances Pollution Contingency Plan (NCP)
- **Conclusions** – Provides a summary of the SA findings

Figures and tables are presented after the conclusions section. In addition, this SA report contains two appendices. **Appendix A** provides a photographic log of Site conditions during the SA, and **Appendix B** provides the laboratory analytical report and data validation report for samples collected during the SA.

2. SITE BACKGROUND

The Site is located at 1213 Grove Street in Wyandotte, Wayne County, Michigan (**Figure 2-1**). The coordinates of the Site are 42°11'30.00" North latitude and 83°10'05.00" West longitude. The Site is in a mixed light industrial and residential area and is bordered by Grove Street and industrial properties to the north, industrial properties and railroad tracks to the east, industrial properties to the south, and 14th Street, residences, and Monroe Elementary School to the west (**Figure 2-2**). Monroe Elementary School is located 400 feet (ft) directly west, and the nearest residences are located 200 ft northwest of the Site. The Trenton Channel of the Detroit River is approximately 0.8 mile southeast of the Site.

The Site contains a one story building occupying a total of approximately 53,000 square ft with several concrete parking and undeveloped grassy areas. Detroit Tubular Rivet, Incorporated (DTR) used the Site for production of steel, brass, and aerospace metal rivets as well as zinc and brass electroplating services. DTR began business at the Site in the early 1960s until filing bankruptcy in 2010. The Site is no longer operational and nearly all equipment was sold off at auction.

On January 12, 2012, the Michigan Department of Environmental Quality (MDEQ) issued a violation notice to the Site owner in response to a follow-up inspection that occurred on December 13, 2011. The purpose of the inspection was to evaluate DTR's compliance with Part 111, Hazardous Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451. MDEQ noted 16 hazardous and liquid industrial waste violations including failure to perform the following: minimize the possibility of fire, explosion, or release of hazardous waste which could threaten human health and/or the environment; maintain containers of hazardous waste in good condition; maintain closed hazardous waste containers except when adding or removing waste; and manage waste in a manner that prevents the discharge of liquid industrial waste into the soil, surface water, groundwater, or a drain or sewer.

3. SITE ASSESSMENT ACTIVITIES

SA activities included a Site reconnaissance, container inventory, and drum sampling. During the SA, WESTON START conducted air monitoring using a RAE Systems ToxiRAE hydrogen cyanide meter and a MultiRAE multi-gas air monitor to monitor air in the breathing zone for carbon monoxide, hydrogen sulfide, lower explosive limit, oxygen, and volatile organic compounds. All ambient air monitoring readings were at or below background levels. WESTON START also used a Ludlum Model 19 MicroR Meter to monitor for radioactive materials at the Site; no such materials were identified.

The following sections discuss the Site reconnaissance, Site observations, and sampling activities conducted during the SA.

3.1 SITE RECONNAISSANCE

On January 30, 2012, the U.S. EPA and WESTON START mobilized to the Site. After a brief safety meeting and equipment setup, U.S. EPA and WESTON START personnel conducted a Site reconnaissance to perform air monitoring and identify containers and sampling locations. The property owner was present during the SA for a short time period to answer questions and provide a general tour of the facility. During the Site reconnaissance, written and photographic documentation of current Site conditions were collected and potential environmental threats and sampling locations were noted. **Appendix A** provides photographic documentation of Site conditions at the time of the Site reconnaissance.

3.2 SITE OBSERVATIONS

During the SA, the Site was non-operational and vacant but chemicals and a few pieces of equipment associated with Site operations were still present. The building consisted of offices to the north end with the remainder of the facility made up by warehouse space used for industrial processes, shipping, and storage. A zinc/brass electroplating line was once in place on the west end of the Site building, but it has since been auctioned off, dismantled, and removed. At least one manhole cover was identified within the Site building; other covers or floor drains could

potentially exist but may have been obstructed from view by containers or debris. Two storm water grates were documented along the Site perimeter, one each on Grove Street and 14th Street.

The Site building contained various open and closed aboveground storage tanks (AST), vats, totes, drums, and small containers. Only one small area within the building had a secondary containment surrounding stored containers. The building contained an estimated 300+ containers of various sizes, which were stored in approximately 11 areas; a small laboratory; waste water settling tanks used for plating operations; and various areas with floor stains and releases of oil, grease, and possible plating waste solids. Most of the on-site containers were in good overall condition, but some drums showed signs of deterioration, damage, or possible leaking. Several areas of the building contained trenches and pits and were partially filled to overflowing with what appeared to be yellow/green liquids, oil and sludge, or antifreeze. An approximately 10-cubic-yard roll-off dumpster was located on the west exterior side of the Site building, within a shipping/receiving dock. The dumpster contained electroplating waste water solids, and was unsecured and easily accessible, unlabeled, and covered with only a thin layer of plastic sheeting.

The Site had limited perimeter fencing on the east side of the building, but access to the Site was not restricted along the majority of the property perimeter. The building appeared secure, with doors and windows intact except for one window, which had been shattered on the west side of the building. The breakage appears to have occurred during a probable act of trespass/vandalism because the window is located at an elevated position and in an area where accidental breakage would be unlikely. Attempts have been made by the building owner to block the window from the inside of the building using plywood, a pallet, and other miscellaneous items. In addition, two small access points into the Site building were documented. An unobstructed hole in the roof appears to have once been the site of a vent pipe. The hole in the roof is approximately 12 inches in diameter, and positioned directly above stored drums and containers. An approximate 8-inch-square hole is present through the west side of the Site building, near the laboratory, where small-animal tracks to the building interior were observed.

WESTON START and U.S. EPA inventoried the ASTs, tanks, totes, drums, pits, trenches, and small containers to determine the approximate quantity of containers and materials at the Site.

Table 3-1 summarizes the container inventory by area, and **Figure 3-1** shows the approximate location and area identification numbers where the containers were observed.

During the inventory, U.S. EPA and WESTON START identified approximately 180 small containers with a capacity of 5 or less gallons; one pallet and eight bags of material; 100 steel, polyethylene (poly), and fiber drums; five poly totes; 10 poly vats; two ASTs; one roll-off dumpster; and six trenches and pits. Labels on containers and drums indicated the possible presence of such chemicals as household cleaners, paint/primer/sealers, oil/waste oil, hydrogen peroxide, methylene chloride, cyanides, various corrosives, and oxidizers. In addition, numerous containers of unknown solids and liquids and suspected mislabeled containers were documented.

A group of approximately seven steel 55-gallon drums were placarded with hazardous waste decals and labeled as containing “methylene chloride”. The drums were mostly full, two had been crushed, and several were also improperly labeled with other identifiers, such as “mineral spirits” and “Extrudex 730”. Another group of drums, stored in a steel cage labeled poison, contained 7 steel drums labeled as copper cyanide and sodium cyanide along with 3 unlabeled fiber drums. The fiber drums were all partially full with a white granular solid, whereas the steel cyanide drums were mostly empty with some white residual powders remaining.

3.3 SAMPLING ACTIVITIES

In accordance with the site-specific field sampling plan and health and safety plan, WESTON START collected three liquid samples and two solid samples for laboratory analysis. **Figure 3-2** shows the approximate liquid and solid sampling locations. All samples were collected in Level B personal protective equipment using disposable plastic scoops or a variety of disposable drum samplers. All samples were placed into glass sample jars provided by the laboratory, labeled appropriately, and placed on ice. The sample identification numbers and descriptions are as follows:

- DTR-WL01-013012 – Amber liquid sample collected from a blue poly 15-gallon drum labeled “Oxidizer” and “Hydrogen Peroxide”

- DTR-WL02-013012 – Red/orange liquid sample collected from a blue poly 55-gallon unlabeled drum
- DTR-WL03-013012 – Amber liquid sample collected from a black steel 55-gallon drum labeled “Corrosive”
- DTR-WS01-013012 – Gray solid sample collected from an approximately 10-cubic-yard steel roll-off dumpster located on the exterior of the Site building, along 14th Street
- DTR-WS02-013012 – White granular solid sample collected from an approximately 30-gallon fiber drum labeled as Allied Kelite ARP60

Samples DTR-WL01-013012, DTR-WL02-013012, and DTR-WL03-013012 were analyzed for pH using U.S. EPA SW-846 Method 9040B. Sample DTR-WS01-013012 was analyzed for total cyanide using U.S. EPA SW-846 Method 9012A and Toxicity Characteristic Leaching Procedure (TCLP) metals using U.S. EPA Method SW-846 Methods 1311, 6020, and 7470A. Sample DTR-WS02-013012 was analyzed for total cyanide, also using U.S. EPA SW-846 Method 9012A.

On January 30, 2012, WESTON START hand-delivered all five samples to Brighton Analytical LLC in Brighton, Michigan, for laboratory analysis.

4. ANALYTICAL RESULTS

Table 4-1 presents the analytical results for the three waste liquid and two waste solid samples collected during the SA. **Appendix B** presents the laboratory analytical results and the data validation report associated with the samples. Sample analytical results were compared to the hazardous waste identification criteria in Title 40 of the *Code of Federal Regulations* (CFR), Part 261 and designation of hazardous substances Title 40 CFR, Part 302.4. According to 40 CFR, Part 261.2, a solid waste is considered a hazardous waste if it exhibits any of the characteristics of ignitability, corrosivity, toxicity, or reactivity. Detected analytical results for the samples are summarized below:

Corrosivity Results

- The pH of the waste samples analyzed ranged from <1.0 to 4.4 standard units (SU). The pH of samples DTR-WL02-013012 and DTR-WL03-013012 was reported as <1.0 SUs, which is less than the regulatory limit of 2 SUs. Therefore, the wastes associated with samples DTR-WL02-013012 and DTR-WL03-013012 are considered hazardous for the characteristic of corrosivity according to 40 CFR 261.22.

Total Cyanide Results

- Total cyanide was detected in solid samples DTR-WS01-013012 and DTR-WS02-013012 at 300,000 and 1,100 micrograms per kilogram ($\mu\text{g/kg}$), respectively. The presence of acidic wastes at the Site poses the risk of contact with the cyanide-containing waste, possibly resulting in the release of toxic fumes (cyanide reactivity). Cyanide is a listed hazardous substance under 40 CFR 302.4.

TCLP Metals Results

- TCLP analytical results did not exceed 40 CFR 261.24.

5. THREATS TO HUMAN HEALTH AND THE ENVIRONMENT

Factors to be considered in determining the appropriateness of a potential removal action at a Site are delineated in the NCP at 40 CFR, Part 300.415(b)(2). A summary of the factors that may be applicable to the Site is presented below:

- **Actual or potential exposure of nearby human populations, animals, or the food chain to hazardous substances or pollutants or contaminants**

The nearest residences are located 200 ft northwest of the Site with additional residences to the west and southwest. Monroe Elementary School is located less than 400 ft directly west of the Site. The presence of the residences and school increase the likelihood of potential exposure to humans if a release of hazardous substances were to occur at the Site. During the SA, the Site building contained vats, totes, drums, pits, trenches, and small containers without secondary containment. Two of the three liquids sampled during the SA contained characteristically hazardous wastes with a pH of less than one. Also, seven drums were labeled as hazardous waste containing methylene chloride and seven drums were labeled as containing sodium or copper cyanide residuals. Overall, the potential for human exposure to potentially hazardous substances and wastes stored at the Site is high through accidental or intentional release, fire, or direct exposure by trespassers, especially considering the on-site building is no longer occupied, is located in a populated area, and access is relatively unrestricted/easily gained.

- **Actual or potential contamination of drinking water supplies or sensitive ecosystems**

Vats, totes, drums, pits, trenches, and small containers with no secondary containment in the Site building are present; a release could affect nearby sensitive ecosystems. Releases could flow unimpeded into building floor drains or storm water sewer lines along the Site perimeter and migrate toward the Trenton Channel of the Detroit River, located less than 1 mile away. Cyanide and methylene chloride in particular could negatively impact sensitive ecosystems through fish kills and biota disruption.

- **Hazardous substances or pollutants or contaminants in drums, totes, containers, or other bulk storage containers that may pose a threat of release**

During the SA, U.S. EPA and WESTON START documented over 300 containers of various sizes, some of which were documented to contain corrosive waste, cyanide, and methylene chloride. Some drums showed signs of damage and in several areas spills and possible leaks have occurred. A roll-off dumpster containing cyanide electroplating solids was located on the exterior of the building.

The unrestricted Site access could result in trespassers causing accidental or intentional releases of chemicals or hazardous materials and wastes stored in on-site containers. The close proximity of the Site to residences and Monroe Elementary School greatly increases potential threats to human health if a release occurs.

- **Weather conditions that may cause hazardous substances or pollutants or contaminants to migrate or be released**

The Site is no longer occupied and no longer maintained; therefore, the building likely will continue to deteriorate. Small access points through the building walls and roof could allow snow, rain, and other precipitation as well as birds and other wildlife to access the interior of the building. Open drums and containers could potentially overfill with precipitation and release their contents inside the building and beyond through floor drains and other migration routes.

- **Threat of fire or explosion**

The threat of fire or explosion at the Site is moderate based on the flammable nature of some materials at the Site (such as paints, automotive aerosol products, and flammable containers) and because the Site building is unoccupied. Signs of trespassing or vandalism were observed during the SA and the probability for an intentional or unintentional fire being set at a vacant facility will increase over time as more incidents of vandalism or trespassing occur. A fire occurring at the Site has the potential to create toxic gases containing constituents such as cyanides.

6. CONCLUSIONS

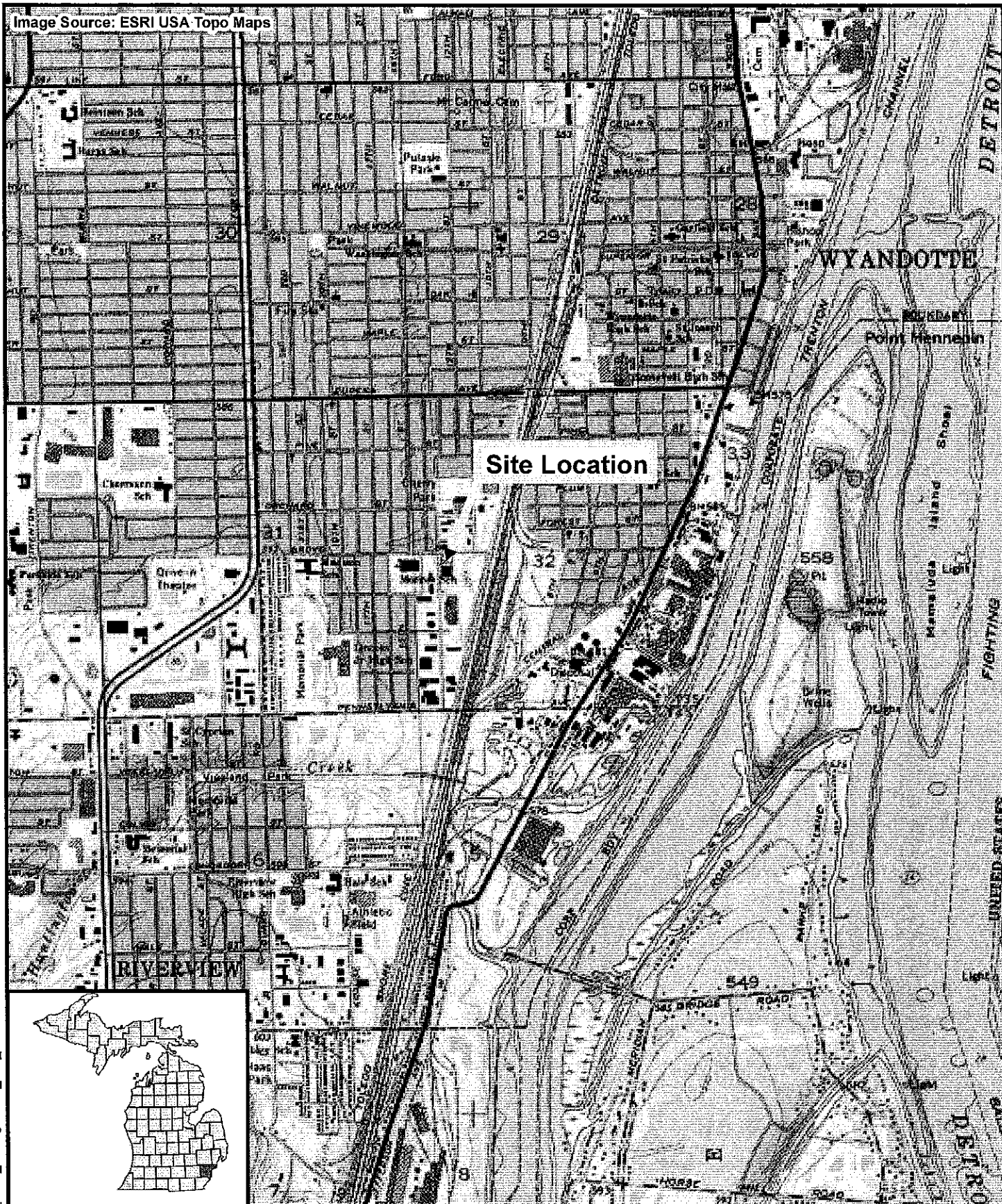
WESTON START collected three liquid and two solid samples during the SA. Analytical results for samples collected during the SA were compared to the criteria set forth in 40 CFR Part 261 to determine whether wastes stored at the Site are considered hazardous. Sampling results for two of the five samples collected indicate the presence of characteristically hazardous wastes at the Site, and waste associated with at least one sample can be considered listed hazardous substance under the Comprehensive Environmental Response, Compensation, and Liability Act (CERLA).

The hazards and threats summarized below also were identified during the SA:

- During the SA, the Site building contained more than 300 ASTs, vats, totes, drums, pits, trenches, and small containers, nearly all without secondary containment. A roll-off dumpster was located on the exterior of the Site building and contained electroplating waste water solids, and was unsecured and easily accessible, unlabeled, and covered with only a thin layer of plastic sheeting. A sample of this waste contained 300,000 µg/kg of cyanide.
- Residences are located to the northwest, west, and southwest of the Site and at a distance of as little as 200 ft. Monroe Elementary School is located approximately 400 ft west of the Site. The close proximity of the residences and school increase the likelihood of exposure to a release of hazardous substances from the Site.
- The Trenton Channel of the Detroit River is less than 1 mile from the Site. Two storm water sewer grates were identified along the Site perimeter.
- The Site is no longer occupied. Access is relatively unrestricted. The building will continue to deteriorate and access points for precipitation and wildlife do exist. The continued deterioration of the building increases the chance of further degradation of the containers, the likelihood of a fire, and the likelihood of a release to the environment.

FIGURES

Image Source: ESRI USA Topo Maps



File: D:\Detroit_Tubular_Rivet_SAI\Figure2-1_Site_Location.mxd/bceem

June 2011



0 0.25 0.5
Miles



Prepared for:
U.S. EPA REGION V

Contract No.: EP-S5-06-04
TDD: S05-0001-1201-014
DCN: 1725-2A-AUH V



Prepared By:
WESTON
SOLUTIONS, INC

360 East Maple Road
Suite R
Troy, Michigan 48083

Figure 2-1
Site Location Map
Detroit Tubular Rivet Site
Wyandotte, Wayne County, Michigan

Image Source: ESRI Imagery Maps

Residential
Properties

Industrial
Properties

Grove St

Monroe
Elementary
School

Detroit
Tubular
Rivet

14th St

Industrial
Properties



Site Boundary



0 130 260
Feet



Prepared for:
U.S. EPA REGION V

Contract No.: EP-S5-06-04
TDD: S05-0001-1201-014
DCN: 1725-2A-AUHV



Prepared By:
WESTON
SOLUTIONS, INC

360 East Maple Road
Suite R
Troy, Michigan 48083

Figure 2-2
Site Features Map
Detroit Tubular Rivet Site
Wyandotte, Wayne County, Michigan

Grove Street

14th Street

Main
Offices

11

10

9

7

4

8

5

12

1

6

3

2

- Locations of Inventory

□ - Room Boundary



Note: Area locations are approximate.

0 25 50
Feet



Prepared for:
U.S. EPA REGION V

Contract No.: EP-S5-06-04
TDD: S05-0001-1201-014
DCN: 1725-2A-AUHV



Prepared By:
WESTON
SOLUTIONS, INC

360 East Maple Road
Suite R
Troy, Michigan 48083

Figure 3-1
Inventory Areas Map
Detroit Tubular Rivet Site
Wyandotte, Wayne County, Michigan

Grove Street

14th Street

Main
Offices

Lab

DTR-WS02-013012

DTR-WL03-013012

DTR-WL02-013012

DTR-WS01-013012

DTR-WL01-013012

- - Liquid Sample
- - Solid Sample
- - Room Boundary

Note: Sampling locations are approximate.

0 25 50
Feet



Prepared for:
U.S. EPA REGION V

Contract No.: EP-S5-06-04
TDD: S05-0001-1201-014
DCN: 1725-2A-AUHV



Prepared By:
WESTON
SOLUTIONS, INC

360 East Maple Road
Suite R
Troy, Michigan 48063

Figure 3-2
Sampling Location Map
Detroit Tubular Rivet Site
Wyandotte, Wayne County, Michigan

TABLES

Table 3-1
Container Inventory
Detroit Tubular Rivet Site
Wyandotte, Wayne County, Michigan

Area	Approximate No.	Description	Container Size	Contents	Approximate Quantity Per Container
1	16	Poly drums	55 gallons	Unknown	Residuals
	3	Steel drums	55 gallons	Possible waste oil	1/2 full
	4	Small containers	5 gallons	Possible waste oil, driveway sealer	Full to empty
	2	Steel ASTs	Est. 3,000 gallons	Possible waste oil	Unknown
	30	Small containers	1 gallon or less	Oil/latex paints, primers, water proofing, automotive aerosols	1/2 full to full
2	12		5 gallons or less	Paints, coatings, hydraulic cement, roof sealer	1/2 full to full
	2		5 gallon	Oil, waste oil	1/2 full to full
	1	Steel drum	30 gallon	Possible waste oil	1/2 full
	11	Steel drums	55 gallons	Possible waste oil	Residuals
	1	Overpack	55 gallons	Unknown	3/4 full to full
3	1	Steel drum	55 gallons	Unknown solids	1/4 full
	1	Pallet	5 gallons or less	Spent PPE, 5 gallon buckets of unknown solids	3/4 full to full
	5	Poly drums	55 gallons	Possible waste oil	Residuals
	1	Poly drum	15 gallons	Labeled "Hydrogen peroxide 50%"	1/2 full
	5	Steel drums	55 gallons	Labeled "Hazardous Waste" "Methylene Chloride"	Full
	1	Steel drum	55 gallons	Labeled "Hazardous Waste", "Methylene Chloride", and "Mineral Spirits"	Residuals
	1	Steel drum	55 gallons	Labeled "Hazardous Waste", "Methylene Chloride", and "Extrudex 730"	Full
	15	Poly drums	55 gallons	Labeled "corrosives", "oxidizer", "plating wax"	1/4 full to full
	15	Steel drums	55 gallons	Acid solutions, debris, waste oil, oil soaked absorbant pads	Empty to full
	2	Poly drums	15 gallons	Handwritten "acid", "caustic"	Full
4	8	Steel drums	15 to 55 gallons	Possible waste oil	1/4 full to full
	8	Bags	50 pounds	White solid labeled "Orbiloid"	Full
	3	Poly totes	275 gallons	Unknown liquids (2) and solids (1)	1/2 full to 3/4 full
	56	Small containers	5 gallons or less	Waste oils, corrosives, acid, ferric sulfate, sealants, unknowns	1/4 full to full
	1	Pit	4 foot by 6 foot by ?	Possible waste oil	Unknown
	1	Roll off dumpster	10 cubic yards	Grey solid	1/2 full
	3	Fiber drums	30 gallons	White granular solids	1/2 full
5	7	Steel drums	15 gallons	Labeled "poison, UN1689, Sodium/copper cyanide"	Residuals
6	5	Trenches and Pits	Various sizes	Contain greenish/yellow liquids	Full
7	2	Poly totes	275 gallons	Unknown	Unknown
8	1	Small containers	5 gallons	Unknown	3/4 full
9	1		5 gallons	Unknown	1/2 full
10	38		1 gallon	Labeled "Settle-It polymer, flocculant"	Full
	11	Small containers	4 liters or less	Labeled "Potassium hydroxide, sulfuric acid, buffer solutions"	1/4 full to full

Table 3-1
Container Inventory
Detroit Tubular Rivet Site
Wyandotte, Wayne County, Michigan

Area	Approximate No.	Description	Container Size	Contents	Approximate Quantity Per Container
	25		1 liter or less	Labeled "Sodium hydroxide, Sodium dichromate, titration solutions, phenol red	1/4 full to full
11	2	Poly drums	55 gallons	Labeled "caustic"	1/2 full
	2	Poly drums	55 gallons	Labeled "caustic"	Full
12	10	Poly vats	Est. 500 to 1,000 gallons	Used as settling tanks for plating operations	Empty

SUMMARY TOTALS

Description	Approximate No.	Container Sizes
AST	2	Est. 3,000 gallon
Bags	8	50 pounds
Fiber drums	3	30 gallons
Poly drums	43	15 to 55 gallons
Poly totes	5	275 gallons
Steel drums	54	15 to 55 gallons
Small Containers	180	<1 to 5 gallons
Roll off dumpster	1	Est. 10 yard
Pallet	1	5 gallons
Trenches and Pits	6	Unknown
Poly vats	10	Est. 500 to 1,000 gallons

Notes:

< = Less than

AST = Aboveground storage tank

Est. = Estimated

No. = Number

Poly = Polyethylene

Table 4-1
Analytical Results Summary
Detroit Tubular Rivet Site
Wyandotte, Wayne County, Michigan

Parameter	Unit	Sample No.	DTR-WL01-013012	DTR-WL02-013012	DTR-WL03-013012	DTR-WS01-013012	DTR-WS02-013012		
		Sampling Date	1/30/2012	1/30/2012	1/30/2012	1/30/2012	1/30/2012		
		Sample Medium	Liquid	Liquid	Liquid	Solid	Solid		
		Description	Amber Liquid from 15 Gallon Poly Drum ^a	Red/Orange Liquid from 55 Gallon Poly Drum ^a	Amber Liquid from 55 Gallon Steel Drum ^a	Grey Solid from Roll off Dumpster ^a	White Granular Solid from 30 Gallon Fiber Drum ^a		
Regulatory Level	Result	Detection Limit	Result	Detection Limit	Result	Detection Limit	Result	Detection Limit	
TCLP Metals									
Arsenic	mg/L	5	NA	NA	NA	ND	0.2	NA	
Barium	mg/L	100				0.20	0.1		
Cadmium	mg/L	1				0.05	0.04		
Chromium	mg/L	5				0.02	0.01		
Copper	mg/L	NL				0.3	0.1		
Lead	mg/L	5				ND	0.2		
Mercury	mg/L	0.2				ND	0.002		
Selenium	mg/L	1				ND	0.3		
Silver	mg/L	5				ND	0.1		
Zinc	mg/L	NL				400	0.07		
Total Cyanide	µg/Kg	NL	NA	NA	NA	300,000	0.1	1,100	0.1
pH	SU	< 2, > 12.5	4.4	NL	NL	<1.0	NA	NA	NA

Notes:

Bold shaded results exceed 40 CFR Part 261 regulatory levels

µg/Kg = Microgram per kilogram

< = Less than

> = Greater than

DTR = Detroit Tubular Rivet Inc.

mg/L = Milligram per liter

NA = Not analyzed

ND = Not detected

NL = Not listed

No. = Number

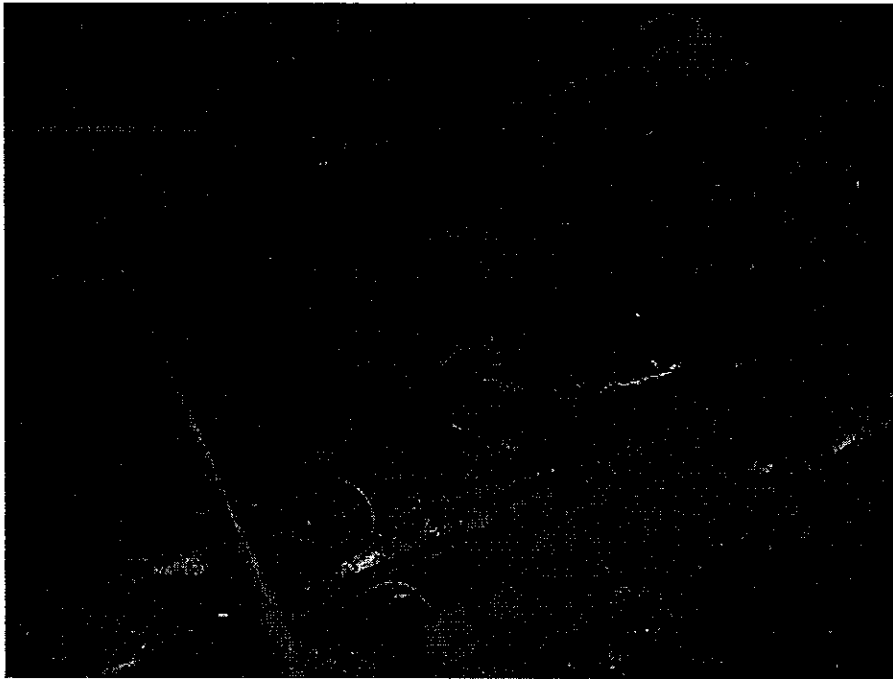
Poly = Polyethylene

SU = Standard unit

TCLP = Toxicity Characteristic Leaching Procedure

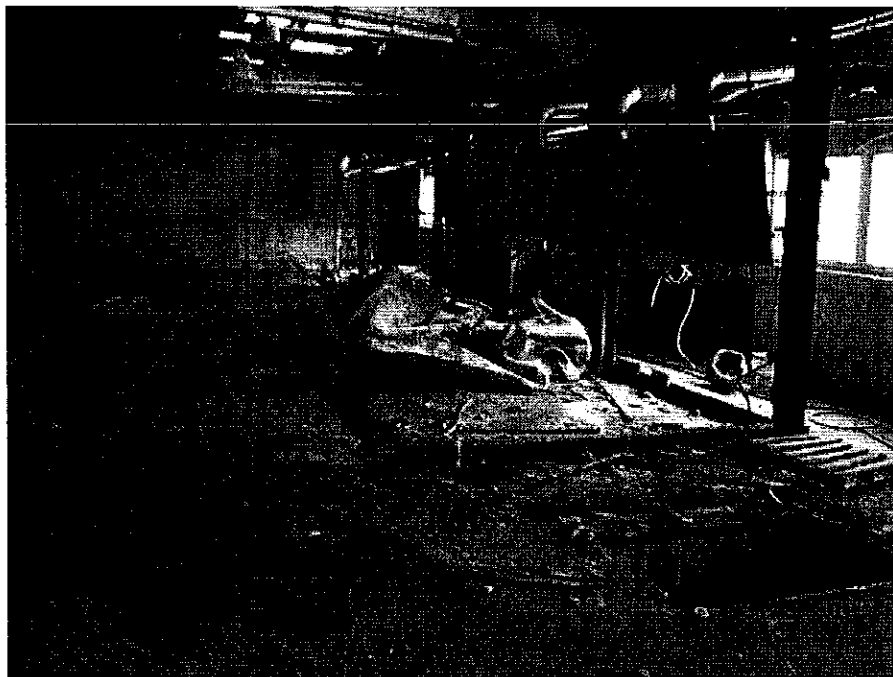
^a = Regulatory level from Title 40 of the *Code of Federal Regulations* (40 CFR), Part 261, Identification and Listing of Hazardous Waste

APPENDIX A
PHOTOGRAPHIC DOCUMENTATION



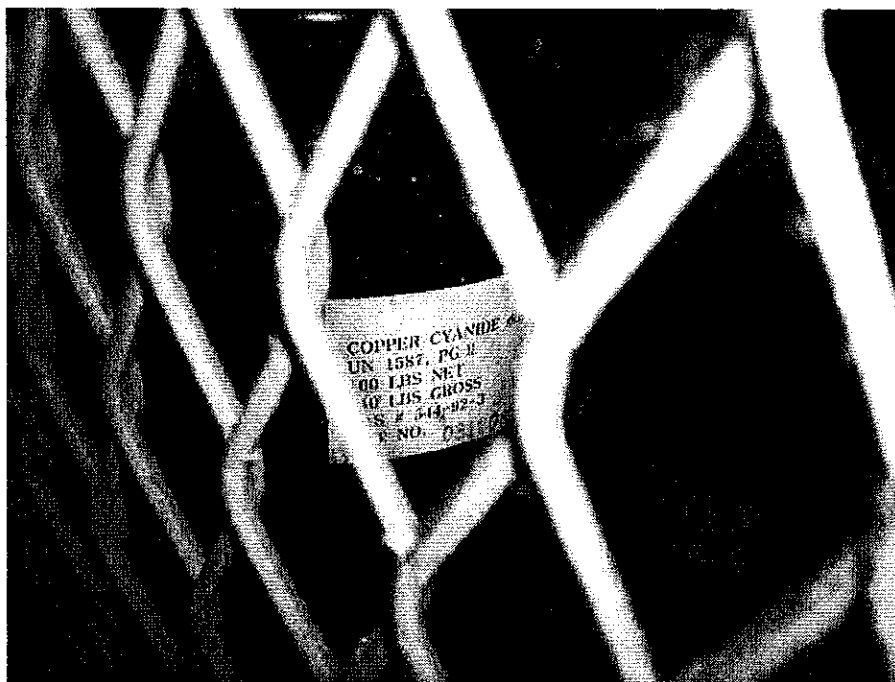
Site: Detroit Tubular Rivet
Photograph No.: 1
Direction: Down
Subject: Sludge in a trench

Date: 1/30/12
Photographer: Matthew Beer



Site: Detroit Tubular Rivet
Photograph No.: 2
Direction: Southwest
Subject: Area where old plating line was once located

Date: 1/30/12
Photographer: Matthew Beer



Site: Detroit Tubular Rivet

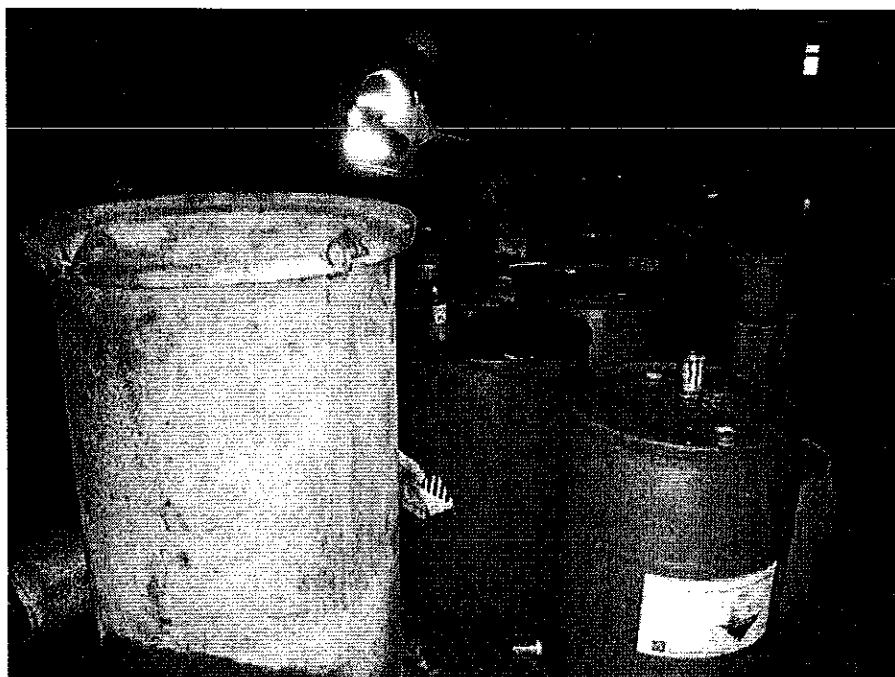
Photograph No.: 3

Direction: West

Subject: Drum labeled copper cyanide

Date: 1/30/12

Photographer: Matthew Beer



Site: Detroit Tubular Rivet

Photograph No.: 4

Direction: Northeast

Subject: Drums labeled as containing corrosive and acidic materials

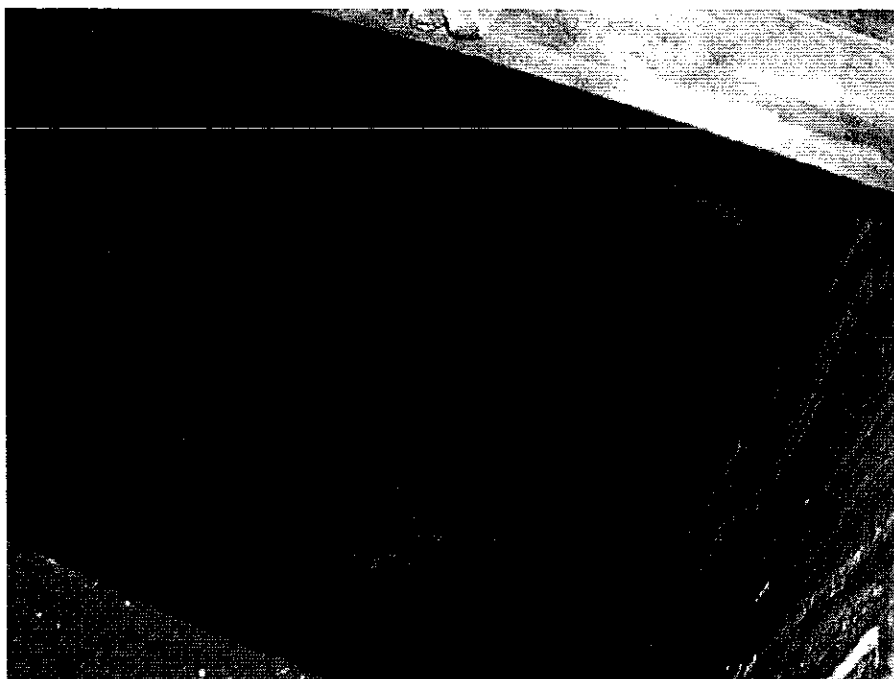
Date: 1/30/12

Photographer: Matthew Beer



Site: Detroit Tubular Rivet
Photograph No.: 5
Direction: Down
Subject: Leaking containers

Date: 1/30/12
Photographer: Matthew Beer



Site: Detroit Tubular Rivet
Photograph No.: 6
Direction: Down
Subject: Pit partially filled with unknown waste

Date: 1/30/12
Photographer: Matthew Beer



Site: Detroit Tubular Rivet

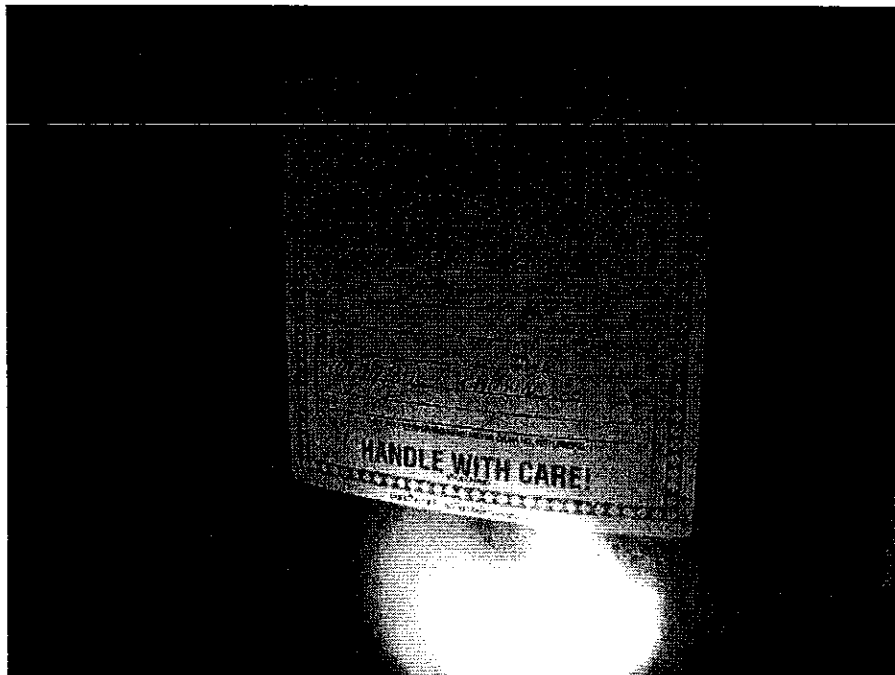
Photograph No.: 7

Date: 1/30/12

Direction: South

Photographer: Matthew Beer

Subject: Drums labeled as containing oxidizers and hazardous wastes



Site: Detroit Tubular Rivet

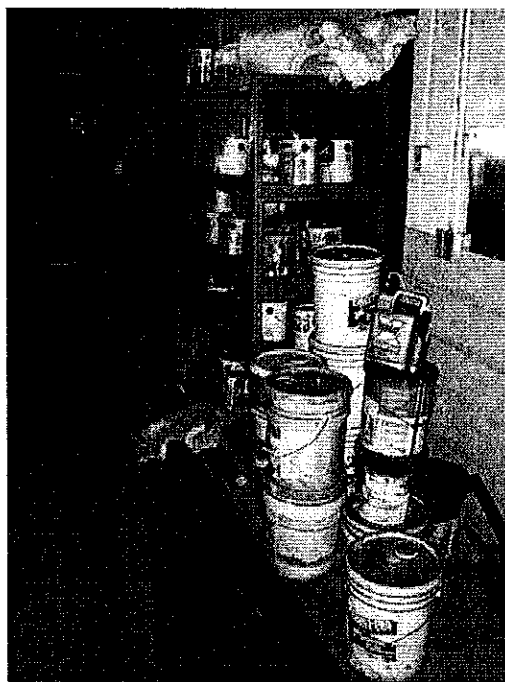
Photograph No.: 8

Date: 1/30/12

Direction: South

Photographer: Matthew Beer

Subject: Hazardous waste label: methylene chloride



Site: Detroit Tubular Rivet

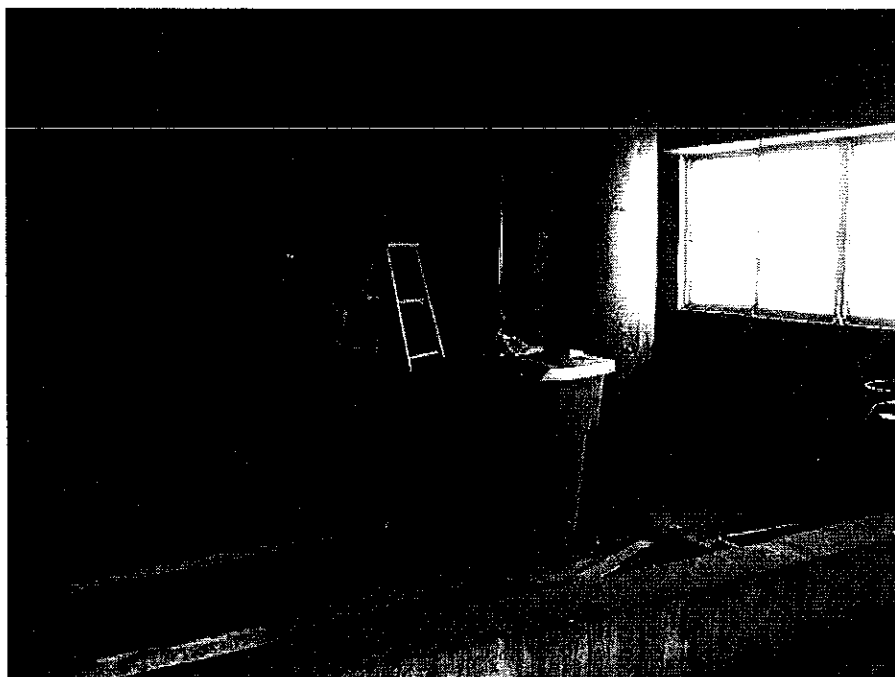
Photograph No.: 9

Direction: West

Subject: Small containers (e.g., paints and cleaners)

Date: 1/30/12

Photographer: Matthew Beer



Site: Detroit Tubular Rivet

Photograph No.: 10

Direction: Northeast

Subject: ASTs

Date: 1/30/12

Photographer: Matthew Beer



Site: Detroit Tubular Rivet

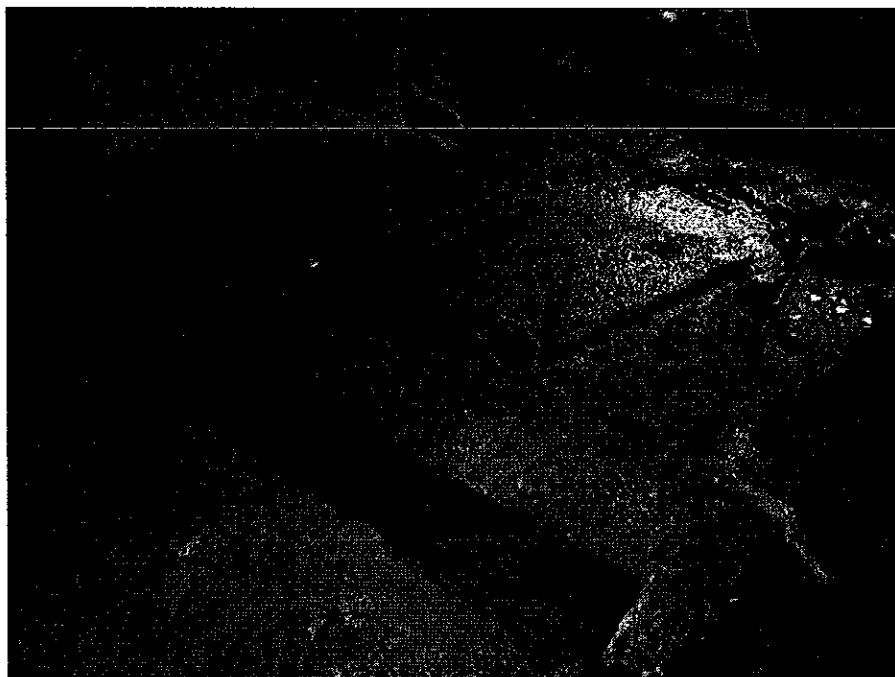
Photograph No.: 11

Direction: Down

Subject: Drum with sludge poured into a pit

Date: 1/30/12

Photographer: Matthew Beer



Site: Detroit Tubular Rivet

Photograph No.: 12

Direction: Down

Subject: Trenches with yellow-green liquid

Date: 1/30/12

Photographer: Matthew Beer



Site: Detroit Tubular Rivet
Photograph No.: 13
Direction: West
Subject: Laboratory with small containers

Date: 1/30/12
Photographer: Matthew Beer



Site: Detroit Tubular Rivet
Photograph No.: 14
Direction: Down
Subject: Numerous open-top containers

Date: 1/30/12
Photographer: Matthew Beer



Site: Detroit Tubular Rivet

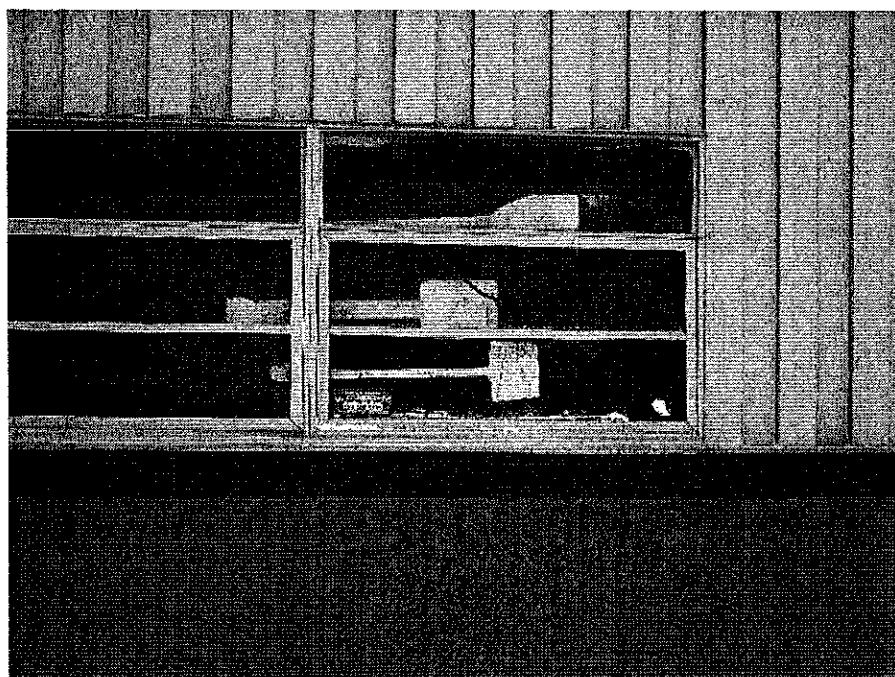
Photograph No.: 15

Direction: West

Subject: Playground viewed from inside the Detroit Tubular Rivet facility

Date: 1/30/12

Photographer: Matthew Beer



Site: Detroit Tubular Rivet

Photograph No.: 16

Direction: East

Subject: Evidence of trespassing and vandalism at the Site

Date: 1/30/12

Photographer: Matthew Beer

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A-8

1725-2A-AUHV

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Site: Detroit Tubular Rivet

Photograph No.: 17

Date: 1/30/12

Direction: West

Photographer: Matthew Beer

Subject: Monroe Elementary School located west of Detroit Tubular Rivet facility



Site: Detroit Tubular Rivet

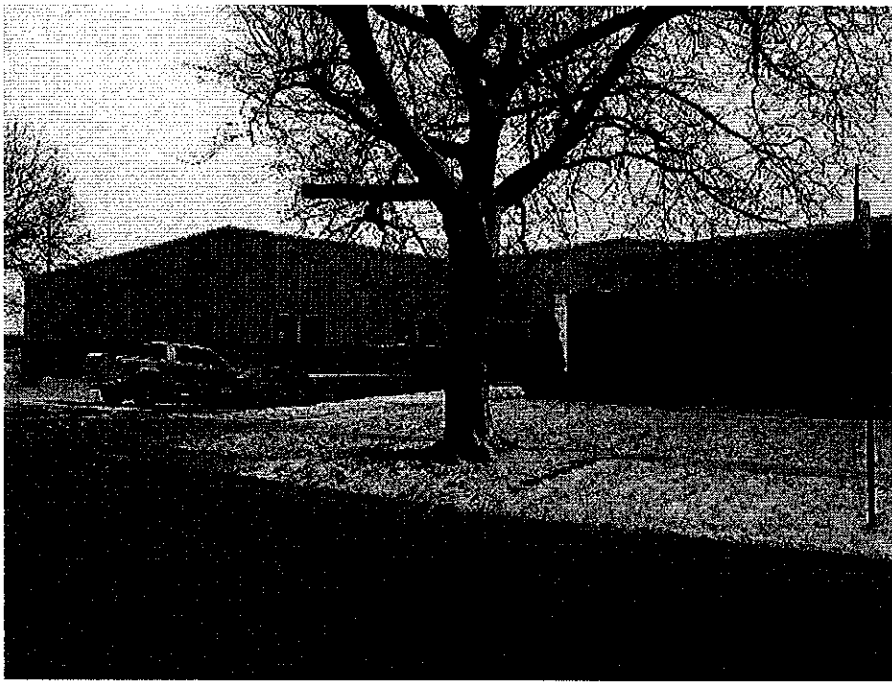
Photograph No.: 18

Date: 1/30/12

Direction: Northwest

Photographer: Matthew Beer

Subject: Neighborhood across from the Detroit Tubular Rivet facility



Site: Detroit Tubular Rivet

Photograph No.: 19

Direction: Southeast

Subject: Front entrance to the Detroit Tubular Rivet facility

Date: 1/30/12

Photographer: Matthew Beer



Site: Detroit Tubular Rivet

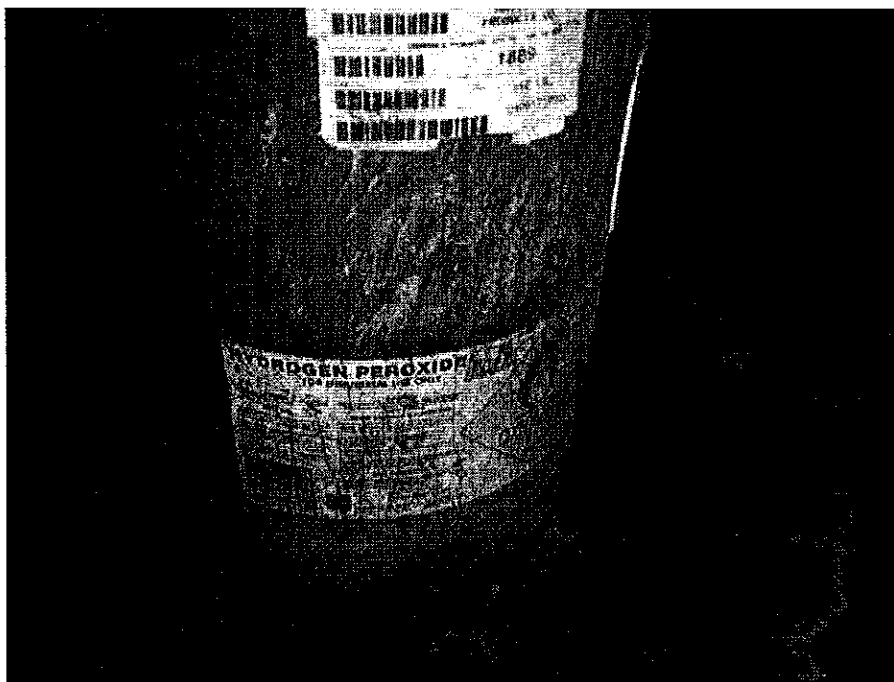
Photograph No.: 20

Direction: Down

Subject: Rolloff dumpster containing a solid material

Date: 1/30/12

Photographer: Matthew Beer



Site: Detroit Tubular Rivet

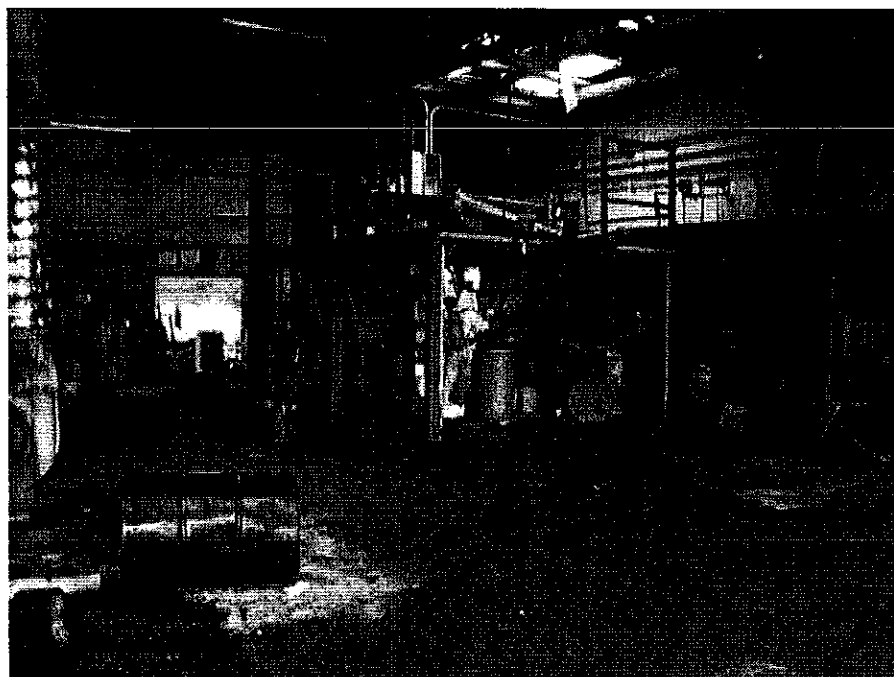
Photograph No.: 21

Direction: Down

Subject: Drum labeled as oxidizer/hydrogen peroxide

Date: 1/30/12

Photographer: Matthew Beer



Site: Detroit Tubular Rivet

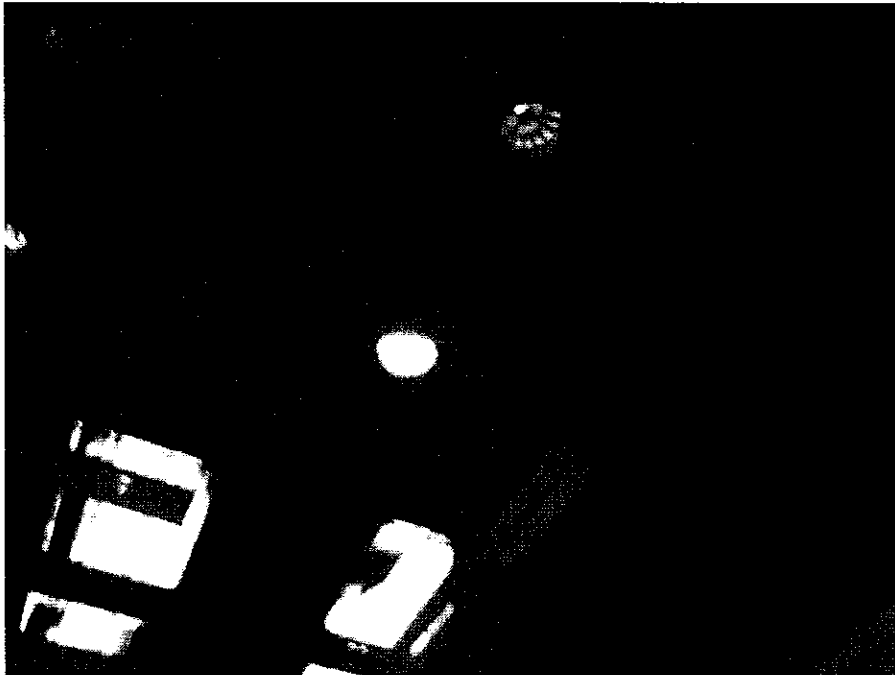
Photograph No.: 22

Direction: Northwest

Subject: Interior of the Detroit Tubular Rivet facility

Date: 1/30/12

Photographer: Matthew Beer



Site: Detroit Tubular Rivet

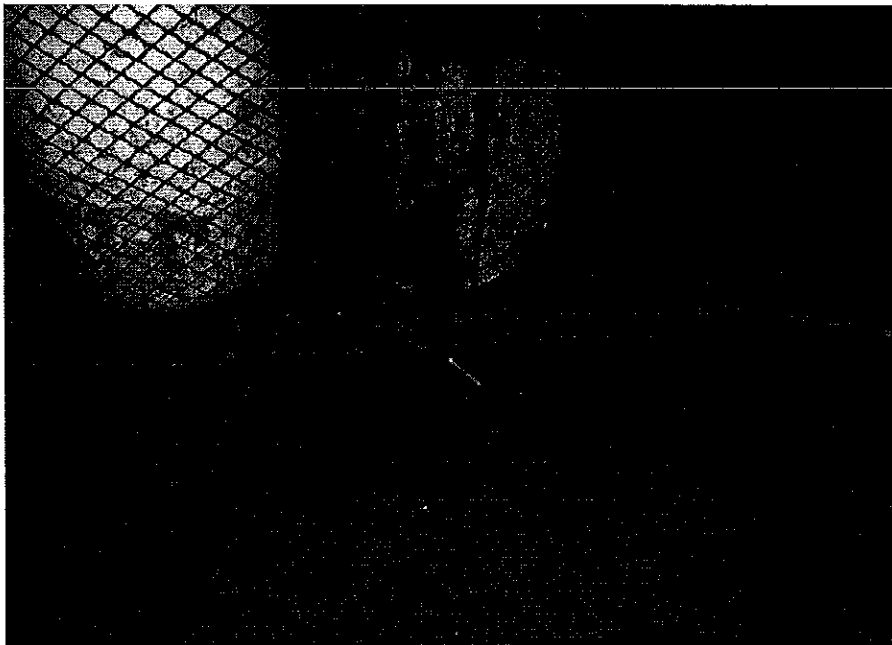
Photograph No.: 23

Direction: Up

Subject: Hole in the roof of the Detroit Tubular Rivet facility

Date: 1/30/12

Photographer: Matthew Beer



Site: Detroit Tubular Rivet

Photograph No.: 24

Direction: Down

Subject: Evidence of leaking containers

Date: 1/30/12

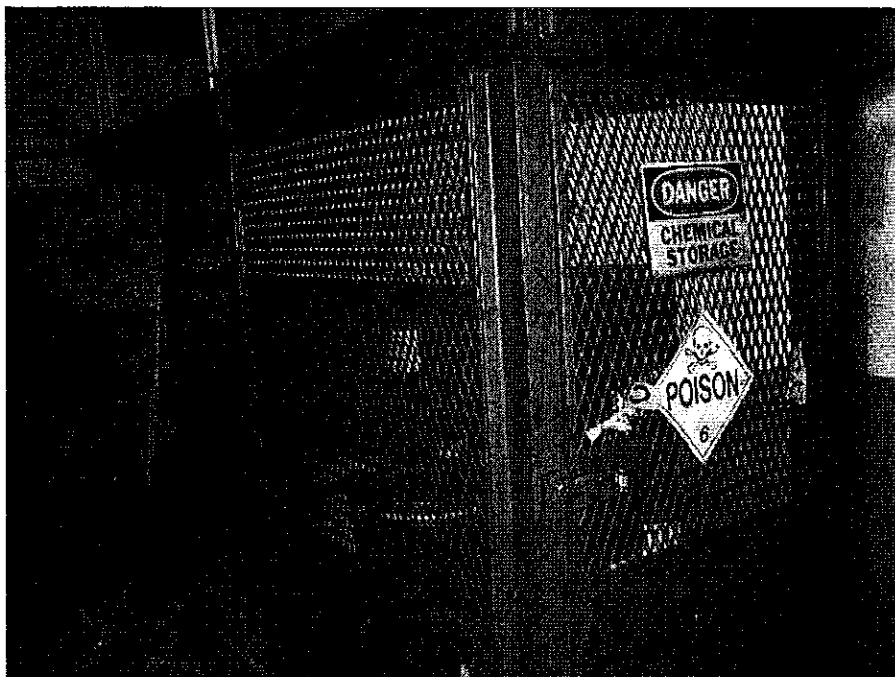
Photographer: Matthew Beer

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A-12

1725-2A-AUHV

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Site: Detroit Tubular Rivet

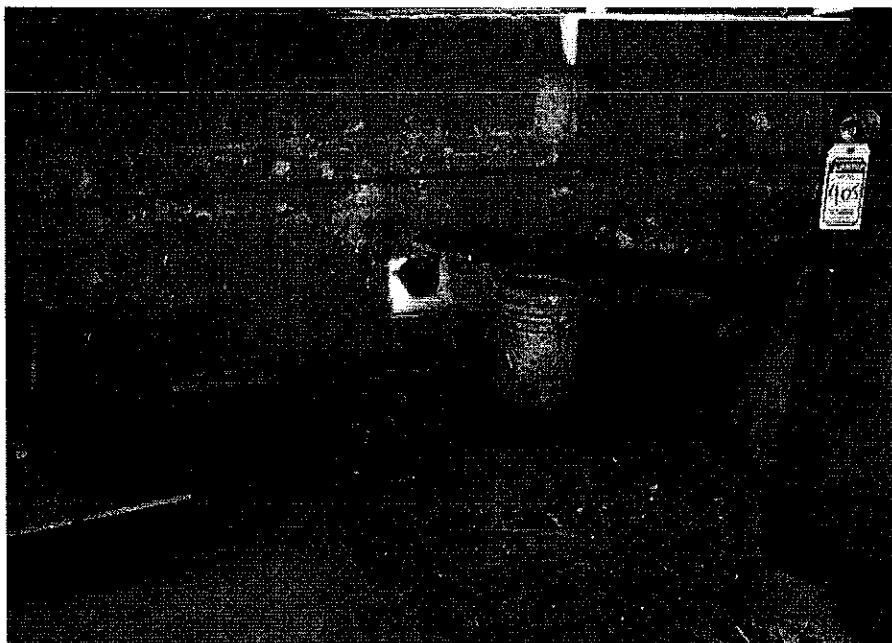
Photograph No.: 25

Direction: Southwest

Subject: Storage area for cyanide labeled drums

Date: 1/30/12

Photographer: Matthew Beer



Site: Detroit Tubular Rivet

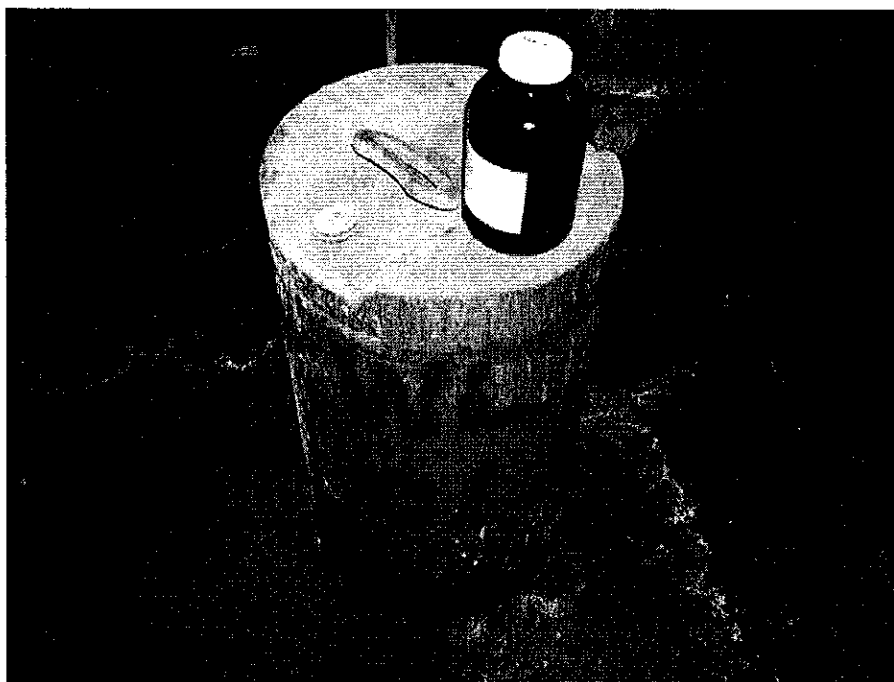
Photograph No.: 26

Direction: West

Subject: Hole in the wall of the Detroit Tubular Rivet facility and evidence of animal access

Date: 1/30/12

Photographer: Matthew Beer



Site: Detroit Tubular Rivet

Photograph No.: 27

Direction: Down

Subject: Sample DTR-WL01-013012

Date: 1/30/12

Photographer: Matthew Beer



Site: Detroit Tubular Rivet

Photograph No.: 28

Direction: Down

Subject: Sample DTR-WL02-013012

Date: 1/30/12

Photographer: Matthew Beer



Site: Detroit Tubular Rivet

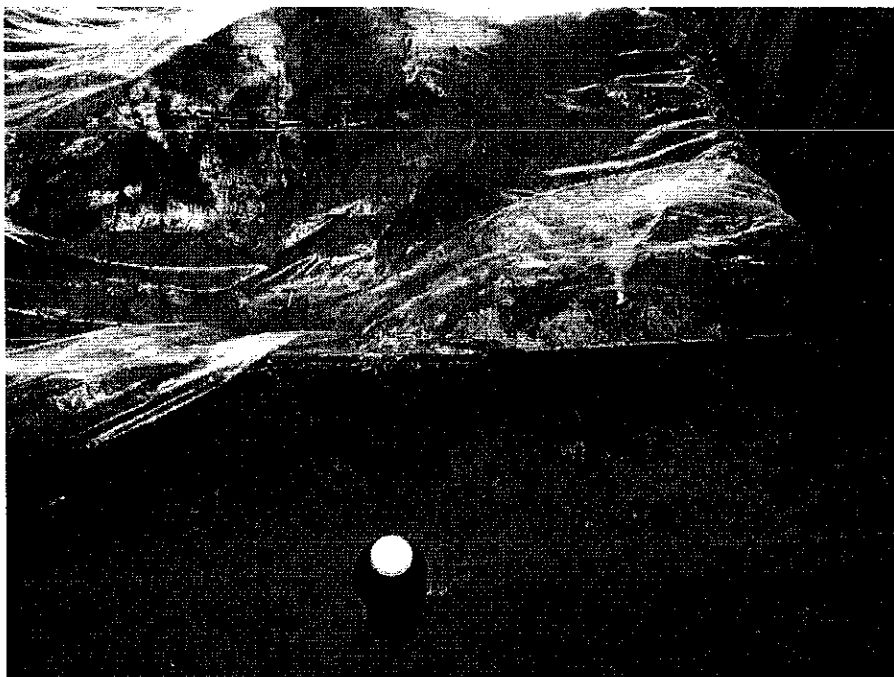
Photograph No.: 29

Direction: Down

Subject: Sample DTR-WL03-013012

Date: 1/30/12

Photographer: Matthew Beer



Site: Detroit Tubular Rivet

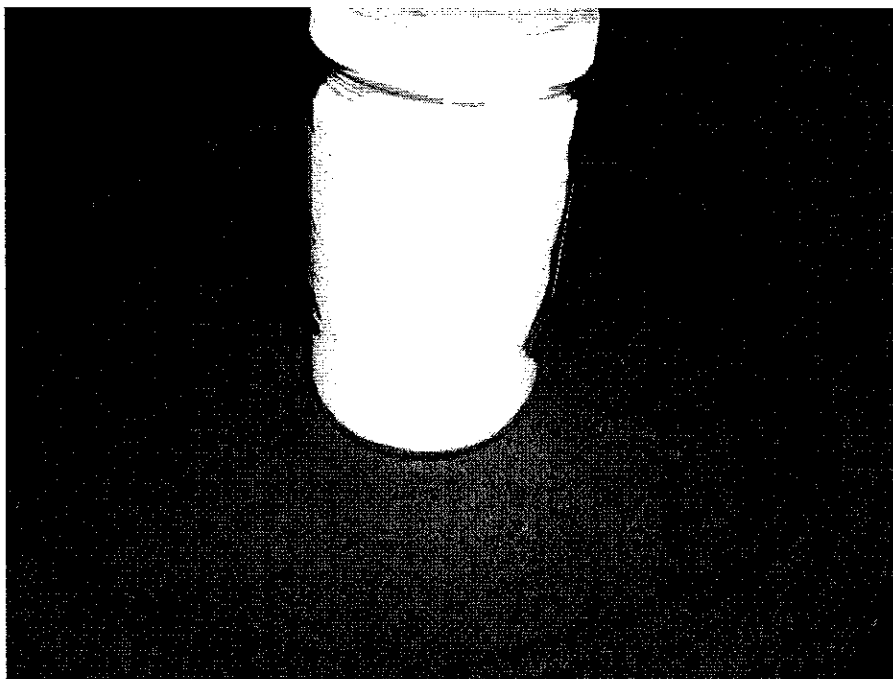
Photograph No.: 30

Direction: Down

Subject: Sample DTR-WS01-013012

Date: 1/30/12

Photographer: Matthew Beer



Site: Detroit Tubular Rivet

Photograph No.: 31

Direction: Down

Subject: Sample DTR-WS02-013012

Date: 1/30/12

Photographer: Matthew Beer

APPENDIX B
LABORATORY ANALYTICAL REPORT AND
DATA VALIDATION REPORT

**DETROIT TUBULAR RIVET
WYANDOTTE, MICHIGAN
DATA VALIDATION REPORT**

Date: February 7, 2012

Laboratory: Brighton Analytical L.L.C. (Brighton), Brighton, Michigan

Laboratory Project #: 18011

Data Validation Performed By: Lisa Graczyk, Weston Solutions, Inc. (WESTON) Superfund Technical Assessment and Response Team (START)

Weston Analytical Work Order #/TDD #: 20405.016.001.1726.00/S05-0001-1201-015

This data validation report has been prepared by WESTON START under the START III Region V contract. This report documents the data validation for three waste liquid and two waste solid samples collected for the Detroit Tubular Rivet Site that were analyzed for the following parameters and U.S. Environmental Protection Agency (U.S. EPA) methods:

- Toxicity Characteristic Leaching Procedure (TCLP) Metals by SW-846 Methods 1311, 6020, and 7470A
- Total Cyanide by SW-846 Method 9012A
- Corrosivity by SW-846 Method 9040B

A level II data package was requested from Brighton. The data validation was conducted in general accordance with the U.S. EPA "Contract Laboratory Program National Functional Guidance for Superfund Organic Methods Data Review" dated June 2008 and "Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review" dated January 2010. The Attachment contains the results summary sheets with the hand-written qualifiers applied during data validation.

TCLP METALS BY SW-846 METHODS 1311, 6020, AND 7470A

1. Samples

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
DTR-WS01-013012	BW03898	Solid	1/30/2012	2/2/2012 – 2/3/2012

2. Holding Times

The sample was analyzed within the required holding time limit of 28 days from sample collection to analysis for mercury and 180 days from sample collection to analysis for all other metals.

3. Blank Results

Method blanks were analyzed with the metals analysis. The blanks were free of target analyte contamination above the reporting limits.

4. Laboratory Control Sample (LCS) Results

The LCS recoveries were within the laboratory-established quality control (QC) limits for target analytes.

5. Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Results

Brighton did analyze a site-specific MS and MSD with the analysis. The percent recoveries and relative percent differences (RPD) were within QC limits except for as follows. For zinc, the recoveries were outside QC limits for both the MS and MSD. Because the spike was more than four times lower than the sample concentration, no qualification is required.

6. Overall Assessment

The TCLP metals data are acceptable for use based on the information received.

GENERAL CHEMISTRY PARAMETERS (Total Cyanide by 9012A and Corrosivity by 9040B)

1. Samples

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Analyzed	Parameters Analyzed
DTR-WL01-013012	BW03895	Liquid	1/30/2012	1/31/2012	pH
DTR-WL02-013012	BW03896	Liquid	1/30/2012	1/31/2012	pH
DTR-WL03-013012	BW03897	Liquid	1/30/2012	1/31/2012	pH
DTR-WS01-013012	BW03898	Solid	1/30/2012	2/6/2012	Cyanide
DTR-WS02-013012	BW03899	Solid	1/30/2012	2/6/2012	Cyanide

2. Holding Times

The holding times were met for all analyses.

3. Method Blanks

A method blank was analyzed with the total cyanide analyses. The blank was free of cyanide above the reporting limit.

4. LCS Results

An LCS was analyzed with the cyanide analyses and the percent recovery was with QC limits.

5. Laboratory Duplicate Results

A laboratory duplicate was analyzed with the pH analyses and was within QC limits.

6. MS and MSD Results

For cyanide, a site-specific MS and MSD were analyzed using sample DTR-WS01-013012 as the spiked sample. The recoveries were outside QC limits for both the MS and MSD. Because the spike was more than four times lower than the sample concentration, no qualification is required.

7. Overall Assessment

The total cyanide and pH data are acceptable for use based on the information received.

Data Validation Report
Detroit Tubular Rivet Site
Brighton Analytical L.L.C.
Laboratory Project #: 18011

ATTACHMENT

**BRIGHTON ANALYTICAL L.L.C.
RESULTS SUMMARY**



Brighton Analytical, L.L.C.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810) 229-7575 FAX: (810) 229-8650
e-mail: bai-brighton@sbcglobal.net

To: Weston Solutions of Michigan, Inc.
360 E. Maple Road
Suite R
Troy, MI 48083

Sample Date: 1/30/2012
Submit Date: 1/30/2012
Report Date: 1/31/2012

BA Report Number: 18011
BA Sample ID: BW03895

Project Name: Detroit Tubular Rivet
Project Number: 20405.016.001.1725.00
Sample ID: DTR-WL01-013012

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Inorganic Analysis						
pH	4.4	S.I.		SW846 9040B	LS	1/31/2012

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

Released by:

Date:

Utopia
2/7/12



Brighton Analytical, L.L.C.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810) 229-7575 FAX: (810) 229-8650
e-mail: bai-brighton@sbcglobal.net

To: Weston Solutions of Michigan, Inc.
360 E. Maple Road
Suite R
Troy, MI 48083

Sample Date: 1/30/2012
Submit Date: 1/30/2012
Report Date: 1/31/2012

BA Report Number: 18011
BA Sample ID: BW03896

Project Name: Detroit Tubular Rivet
Project Number: 20405.016.001.1725.00
Sample ID: DTR-WL02-013012

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
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Inorganic Analysis

pH	<1	S.I.		SW846 9040B	LS	1/31/2012
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DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

Released by:

Date:

W. Wood
2/7/12



Brighton Analytical, L.L.C.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810) 229-7575 FAX: (810) 229-8650
e-mail: bai-brighton@sbcglobal.net

To: Weston Solutions of Michigan, Inc.
360 E. Maple Road
Suite R
Troy, MI 48083

Sample Date: 1/30/2012
Submit Date: 1/30/2012
Report Date: 1/31/2012

BA Report Number: 18011
BA Sample ID: BW03897

Project Name: Detroit Tubular Rivet
Project Number: 20405.016.001.1725.00
Sample ID: DTR-WL03-013012

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Inorganic Analysis						
pH	<1	S.I.		SW846 9040B	LS	1/31/2012

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

Released by:
Date:

Uttosol
2/7/12



Brighton Analytical, L.L.C.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810) 229-7575 FAX: (810) 229-8650
e-mail: bai-brighton@sbcglobal.net

To: Weston Solutions of Michigan, Inc.
360 E. Maple Road
Suite R
Troy, MI 48083

Sample Date: 1/30/2012
Submit Date: 1/30/2012
Report Date: 2/7/2012

BA Report Number: 18011
BA Sample ID: BW03898

Project Name: Detroit Tubular Rivet
Project Number: 20405.016.001.1725.00
Sample ID: DTR-WS01-013012

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
TCLP Metal Analysis						
TCLP Arsenic	Not detected	ug/L	200	SW846 6020	GW	2/2/2012
TCLP Barium	200	ug/L	100	SW846 6020	GW	2/2/2012
TCLP Cadmium	50	ug/L	40	SW846 6020	GW	2/2/2012
TCLP Chromium	20	ug/L	10	SW846 6020	GW	2/2/2012
TCLP Copper	300	ug/L	100	SW846 6020	GW	2/2/2012
TCLP Lead	Not detected	ug/L	200	SW846 6020	GW	2/2/2012
TCLP Mercury	Not detected	ug/L	2	SW846 7470A	KW	2/3/2012
TCLP Selenium	Not detected	ug/L	300	SW846 6020	GW	2/2/2012
TCLP Silver	Not detected	ug/L	100	SW846 6020	GW	2/2/2012
TCLP Zinc	400000	ug/L	70	SW846 6020	GW	2/2/2012
TCLP Mercury (digestion)	Digested			7470	KW	2/3/2012
TCLP Metal (digestion)	Digested			3015	LS	2/2/2012
Inorganic Analysis						
Total Cyanide	300000	ug/Kg	100	SW846 9012A	RM	2/6/2012
%Solid	45	%		ASTM D2216	LS	1/31/2012

All soil results based on dry weight.

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

Released by:

Date:

[Signature]
2/7/12



Brighton Analytical, L.L.C.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810) 229-7575 FAX: (810) 229-8650
e-mail: bai-brighton@sbcglobal.net

To: Weston Solutions of Michigan, Inc.
360 E. Maple Road
Suite R
Troy, MI 48083

Sample Date: 1/30/2012
Submit Date: 1/30/2012
Report Date: 2/7/2012

BA Report Number: 18011
BA Sample ID: BW03899

Project Name: Detroit Tubular Rivet
Project Number: 20405.016.001.1725.00
Sample ID: DTR-WS02-013012

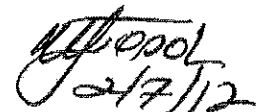
Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Inorganic Analysis						
Total Cyanide	1100	ug/Kg	100	SW846 9012A	RM	2/6/2012
%Solid	100	%		ASTM D2216	LS	1/31/2012

All soil results based on dry weight.

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

Released by:

Date:


2/7/12

ID #	Description	55gal drums	275 totes
C-1	INORGANIC ACIDS		
1	Bisulfite solution	1	
4	Bisulfite solution	1	
6	Sulfuric Acid	1	
19	Phosphoric Acid	1	
24	Sulfuric Acid	1	
36	Sulfuric Acid	1	
46	Nitric Acid	1	
48	Sulfuric Acid	1	
50	Sulfuric Acid	1	
51	Hydrochloric Acid	1	
56	Sulfuric Acid	1	
62	Sulfuric Acid	1	
71	Sulfuric Acid		1
	TOTAL	12	1
C-2			
10	Chromic Acid	1	
31	Chromic Acid	1	
	TOTAL	2	
D	ALKALINE LIQUIDS		
32	Sodium Hydroxide	1	
69	Sodium Hydroxide	1	
	TOTAL	2	
F	NON HAZ LIQUIDS		
7	Coolant	1	
9	Coolant	1	
11	Bisulfite solution	1	
12	Coolant	1	
13	Coolant	1	
17	Coolant	1	
18	Polymer	1	
23	Coolant	1	
25	Polymer	1	
40	Coolant	1	
49	Copper Sulfate Sol	1	
52	Polymer	1	
53	Coolant	1	
54	Sodium Metasilicate	1	
72	Polymer		1
	TOTAL	14	1
G-1	OXIDIZER		
57	Chromic Nitrate	1	

		TOTAL	3
G-2	OXIDIZER		
26	Sodium Hypochlorite		1
65	Sodium Hypochlorite		1
66	Sodium Hypochlorite		1
		TOTAL	3

H	CHLORINATED SOLVENTS		
37	Methylene Chloride		1
39	Methylene Chloride		1
41	Methylene Chloride		1
42	Methylene Chloride		1
43	Methylene Chloride		1
44	Methylene Chloride		1
45	Methylene Chloride		1
47	Methylene Chloride		1
		TOTAL	8

K	CYANIDE		
100	Sodium Cyanide		1
100	Sodium Cyanide		1
101	Zinc Cyanide		1
		TOTAL	3

		Cuyd Boxes	
	F006 Filter Cake		7
	Empty Drums -55gal		12

5 gallon pails

ID #	Description	Size	Disposal Group	
1	Oily debris	1	B	Oily Debris
2	Oily debris	1	B	Oily Debris
3	Potassium Hydroxide	1	D	Alkaline Liq
4	Oily debris	1	B	Oily Debris
5	Oily debris	1	B	Oily Debris
6	Oily debris	1	B	Oily Debris
7	Oily debris	1	B	Oily Debris
8	Oily debris	1	B	Oily Debris
9	Oil	1	A	Oil
10	Oil	1	A	Oil
11	Oily debris	1	B	Oily Debris
12	Oily debris	1	B	Oily Debris
13	Oily debris	1	B	Oily Debris
14	Hydrogen Peroxide	1	LP	Oxidizer
15	Oily debris	1	B	Oily Debris
16	Salt Tabs	1		Oily Debris
17	Oil	1	A	Oil
18	Oily debris	1	B	Oily Debris
19	Unknown	1		
20	Unknown	1		
21	Oily debris	1	B	Oily Debris
22	Oily debris	1	B	Oily Debris
23	Iridite	1		
24	Unknown	1		
25	Oily debris	1	B	Oily Debris
26	Paint w/ chrome	1	LP	
27	Unknown	1		
28	Zinc Balls	1	LP	Oily Debris
29	Unknown	1		
30	Unknown	1		
31	Unknown	1		
32	Unknown	1		
33	Caustic	1		Alkaline Liq
34	Unknown	1		
35	Zorb all	1	B	Oily Debris
36	Unknown			
37	Zinc Balls	1	LP	
38	Zinc Balls	1	LP	
39	Zinc Balls	1	LP	
40	Prodigy Midite	1		
41	Empty			
42	Oil Heavy	1	A	
43	Empty			
44	Midfloc 1803L	1		

45 Midfloc 1803L	1	
46 Sealer	1	
47 Lube Oil	1	A
48 Unknown	1	
49 Lube Oil	1	A
50 Unknown	1	
51 Corrosive	1	LP
52 Unknown	1	
53 Camblack B	1	
54 Unknown	1	
55 Oil	1	A
56 CLT-7	1	
57 Unknown	1	
58 Silver Soluble	1	
59 Oily debris	1	B
60 Oily debris		
61 Chromic Nitric Acid Mix		
62 Lube Oil		
63 Lube Oil		
64 algacide		
65 synetic oil		
66 used oil		
67 oil-oily debris		
68 Oily debris		
69 Unknown		
70 Oily debris		
71 oil		
72 Olive Drab Chromate		
73 Olive Drab Chromate		
74 Cadmium Plating Brighter		
75 surfactant		
76 Oil		
77 Chromic Nitric Acid Mix		
78 Lube Oil		
79 Formic Acid		
80 Unknown		
81 Oil		
82 Chromic Acid		
83 Flammable		
84 Latex Paint		
85 Oily debris		
86 Driveway Sealer		
87 Oil		
88 Driveway Sealer		
89 Oil & Debris		
90 Oil & Debris		
91 Oil & Debris		

92 Oil & Debris
93 Oily debris
94 Oily debris
95 Unknown
96 Latex Paint
97 Unknown
98 Latex Paint
99 Latex Paint
100 Latex Paint
101 Unknown
102 Oily debris
103 Driveway Sealer
104 Floor Finish
105 Tris (Hyroxymethyl) nitromethane
106 Latex Paint
107 Roof Cement
108 Latex Paint
109 Latex Paint
110 Sulfuric Acid
111 Lube Oil
112 Grease
113 Unknown
114 Oily debris
115 Zinc Balls
116 Flammable
117 Oil
118 Oily & Water
119 Hydraulic Cement
120 Oily debris
121 Oily debris
122 Empty
123 Oily debris
124 Oil
125 Unknown
126 Unknown
127 Unknown
128 Unknown
129 Oily debris
130 Unknown
131 Flocculant
132 Unknown
133 Oily debris
134 Empty CN Drums
135 Empty CN Drums
136 Empty CN Drums
137 Empty CN Drums
138 Empty CN Drums

ID #	Description	55		
A	OIL & WATER BULK WASTE INCLUDING AST'S			
2	Oil,Water, debris	1	Oil & Water	Oily Debris
3	Oil,Water	1	Oil & Water	
8	Oil,Water, debris	1	Oil & Water	Oily Debris
14	Oil,Water, debris	1	Oil & Water	Oily Debris
15	Oil,Water, debris	1	Oil & Water	Oily Debris
16	Oil	1	Oil & Water	
22	Oil & Debris	1	Oil & Water	Oily Debris
34	Oil	1	Oil & Water	
35	Oil	1	Oil & Water	
38	Oil & Debris	1	Oil & Water	Oily Debris
59	Oil	1	Oil & Water	
60	Oil,Water, debris	1	Oil & Water	Oily Debris
61	Oil & Debris	1	Oily Debris	
63	Oil	1	Oil & Water	
64	Oil,Water, debris	1	Oil & Water	Oily Debris
70	Oil & Debris	1	Oily Debris	275 tote
73	Oil,Water, debris	1	8 Oil & Water	Oily Debris
74	Oil,Water, debris	1	8 Oil & Water	Oily Debris
75	Oil from trench # 1	1	8 Oil & Water	
80	Oil from trench # 1	1	8 Oil & Water	
82	Oil	1		
84	water	1		
85	Oil	1		
86	Oil	1		
	TOTAL	24		
B	OIL SOLIDS- BULK IN ROLL OFF			
5	Oily trash	1	Oily Debris	
20	Sodium Meta Bisulfite	1 White	5 Non Haz Solid	
21	Oily trash	1	Oily Debris	
27	Oil & Debris	1	Oily Debris	
28	Oil & Debris	1	Oily Debris	
29	Oil & Debris	1	Oily Debris	
30	Oil & Debris	1	Oily Debris	
33	Oil & Debris	1	Oily Debris	
55	Aluminum Hydroxychloride	1 Clear	4 Non Haz Solid	
76	Oily Solids from trench # 1	1	7 Oil & Water	
77	Oily Solids from trench # 1	1	7 Oily Debris	
81	Debris	1		
	TOTAL	12		
C-1	INORGANIC ACIDS			
1	Bisulfite solution	1 Clear	2 Inorganic acid	
4	Bisulfite solution	1 Clear	2 Inorganic acid	
6	Sulfuric Acid	1 Brown	1 Inorganic acid	

19	Phosphoric Acid	1 Brown	1	Inorganic acid	
24	Sulfuric Acid	1 Green	1	Inorganic acid	
36	Sulfuric Acid	1 Brown	1	Inorganic acid	
46	Nitric Acid	1 Green	1	Inorganic acid	
48	Sulfuric Acid	1 Clear	1	Inorganic acid	
50	Sulfuric Acid	1 Brown	1	Inorganic acid	
51	Hydrochloric Acid	1 Brown	1	Inorganic acid	
56	Sulfuric Acid	1 Red	1	Inorganic acid	
62	Sulfuric Acid	1 Green	1	Inorganic acid	
71	Sulfuric Acid	1 Green	1	Inorganic acid	275 tote
C-2					
10	Chromic Acid	1 Red	1	Inorganic acid	
31	Chromic Acid	1 Red	1	Inorganic acid	
	TOTAL	15			

D	ALKALINE LIQUIDS				
32	Sodium Hydroxide	1 Clear	12	Alkaline Liq	
69	Sodium Hydroxide	1 Clear	12	Alkaline Liq	
	TOTAL	2			

E	ALKALINE SOLIDS BULK ROLL OFF W/ PIPING DEBRIS				
58	Sodium Hydroxide Solids	1 Brown	12	Alkaline Solids	
67	Caustic Sludge	1 tan	13	Alkaline Solids	
68	Caustic Sludge	1 tan	13	Alkaline Solids	
	TOTAL	3			

F	NON HAZ LIQUIDS				
7	Coolant	1 Green	9	Non Haz Liq	
9	Coolant	1 Green	9	Non Haz Liq	
11	Bisulfite solution	1 Green	8	Non Haz Liq	
12	Coolant	1 Clear	8	Non Haz Liq	
13	Coolant	1 Clear	7	Non Haz Liq	
17	Coolant	1 Clear	5	Non Haz Liq	
18	Polymer	1 White	7	Non Haz Liq	
23	Coolant	1 Green	7	Non Haz Liq	
25	Polymer	1 White	8	Non Haz Liq	
40	Coolant	1 Clear	7	Non Haz Liq	
49	Copper Sulfate Sol	1 Blue	10	Non Haz Liq	
52	Polymer	1 White	9	Non Haz Liq	
53	Coolant	1 Clear	9	Non Haz Liq	
54	Sodium Metasilicate	1 tan	10	Non Haz Liq	
72	Polymer	1 White	9	Non Haz Liq	275 tote
	TOTAL	15			

G-1	OXIDIZER				
57	Chromic Nitrate	1 Clear	1	Oxidizer	
G-2	OXIDIZER				

26	Sodium Hypochlorite	1	Oxidizer	
65	Sodium Hypochlorite	1	13 Alkaline Liq	
66	Sodium Hypochlorite	1	13 Alkaline Liq	
	TOTAL	4		
H	CHLORINATED SOLVENTS			
37	Methylene Chloride	1	Chlorinated Solvents	
39	Methylene Chloride	1	Chlorinated Solvents	
41	Methylene Chloride	1	Chlorinated Solvents	
42	Methylene Chloride	1	Chlorinated Solvents	
43	Methylene Chloride	1	Chlorinated Solvents	
44	Methylene Chloride	1	Chlorinated Solvents	
45	Methylene Chloride	1	Chlorinated Solvents	
47	Methylene Chloride	1	Chlorinated Solvents	
	TOTAL	8		
I	WASTEWATER BULK			
T# 4	Waste water	5	10 Non Haz Liq	
T# 5	Waste water	22	10 Non Haz Liq	
T# 6	Waste water	17	10 Non Haz Liq	2520 gallons
78	Liquid from trench # 3	1	10 Non Haz Liq	
79	Liquid from trench # 3	1	10 Non Haz Liq	
	TOTAL	46		

ID #	Description	Size	Color	pH		Disposal Group
1	Bisulfite solution	55	1 Clear	2	Inorganic acid	C
2	Oil,Water, debris	1			Oil & Water	Oily Debris A
3	Oil,Water	1			Oil & Water	A
4	Bisulfite solution	1	Clear	2	Inorganic acid	C
5	Oily trash	1			Oily Debris	B
6	Sulfuric Acid	1	Brown	1	Inorganic acid	C
7	Coolant	1	Green	9	Non Haz Liq	F
8	Oil,Water, debris	1			Oil & Water	Oily Debris A
9	Coolant	1	Green	9	Non Haz Liq	F
10	Chromic Acid	1	Red	1	Inorganic acid	Chromic C
11	Bisulfite solution	1	Green	8	Non Haz Liq	F
12	Coolant	1	Clear	8	Non Haz Liq	F
13	Coolant	1	Clear	7	Non Haz Liq	F
14	Oil,Water, debris	1			Oil & Water	Oily Debris A
15	Oil,Water, debris	1			Oil & Water	Oily Debris A
16	Oil	1			Oil & Water	A
17	Coolant	1	Clear	5	Non Haz Liq	F
18	Polymer	1	White	7	Non Haz Liq	F
19	Phosphoric Acid	1	Brown	1	Inorganic acid	C
20	Sodium Meta Bisulfite	1	White	5	Non Haz Solid	B
21	Oily trash	1			Oily Debris	B
22	Oil & Debris	1			Oil & Water	Oily Debris A
23	Coolant	1	Green	7	Non Haz Liq	F
24	Sulfuric Acid	1	Green	1	Inorganic acid	C
25	Polymer	1	White	8	Non Haz Liq	F
26	Sodium Hypochlorite	1			Alkaline Liq	D
27	Oil & Debris	1			Oily Debris	B
28	Oil & Debris	1			Oily Debris	B
29	Oil & Debris	1			Oily Debris	B
30	Oil & Debris	1			Oily Debris	B
31	Chromic Acid	1	Red	1	Inorganic acid	C
32	Sodium Hydroxide	1	Clear	12	Alkaline Liq	D
33	Oil & Debris	1			Oily Debris	B
34	Oil	1			Oil & Water	A
35	Oil	1			Oil & Water	A
36	Sulfuric Acid	1	Brown	1	Inorganic acid	C
37	Methylene Chloride	1			Chlorinated Solvents	H
38	Oil & Debris	1			Oil & Water	Oily Debris A
39	Methylene Chloride	1			Chlorinated Solvents	H
40	Coolant	1	Clear	7	Non Haz Liq	F
41	Methylene Chloride	1			Chlorinated Solvents	H
42	Methylene Chloride	1			Chlorinated Solvents	H
43	Methylene Chloride	1			Chlorinated Solvents	H
44	Methylene Chloride	1			Chlorinated Solvents	H
45	Methylene Chloride	1			Chlorinated Solvents	H
46	Nitric Acid	1	Green	1	Inorganic acid	C
47	Methylene Chloride	1			Chlorinated Solvents	H
48	Sulfuric Acid	1	Clear	1	Inorganic acid	C
49	Copper Sulfate Sol	1	Blue	10	Non Haz Liq	F

50	Sulfuric Acid	1 Brown	1	Inorganic acid		C
51	Hydrochloric Acid	1 Brown	1	Inorganic acid		C
52	Polymer	1 White	9	Non Haz Liq		F
53	Coolant	1 Clear	9	Non Haz Liq		F
54	Sodium Metasilicate	1 tan	10	Non Haz Liq		F
55	Aluminum Hydroxychloride	1 Clear	4	Non Haz Solid		B
56	Sulfuric Acid	1 Red	1	Inorganic acid		C
57	Chromic Nitrate	1 Clear	1	Oxidizer		G
58	Sodium Hydroxide Solids	1 Brown	12	Alkaline Solids		E
59	Oil	1		Oil & Water		A
60	Oil,Water, debris	1		Oil & Water	Oily Debris	A
61	Oil & Debris	1		Oily Debris		A
62	Sulfuric Acid	1 Green	1	Inorganic acid		C
63	Oil	1		Oil & Water		A
64	Oil,Water, debris	1		Oil & Water	Oily Debris	A
65	Sodium Hypochlorite	1	13	Alkaline Liq		D
66	Sodium Hypochlorite	1	13	Alkaline Liq		D
67	Caustic Sludge	1 tan	13	Alkaline Solids		E
68	Caustic Sludge	1 tan	13	Alkaline Solids		E
69	Sodium Hydroxide	1 Clear	12	Alkaline Liq		D
70	Oil & Debris	1		Oily Debris	275 tote	A
71	Sulfuric Acid	Green	1	Inorganic acid	275 tote	C
72	Polymer	1 White	9	Non Haz Liq	275 tote	F
73	Oil,Water, debris	1	8	Oil & Water	Oily Debris	A
74	Oil,Water, debris	1	8	Oil & Water	Oily Debris	A
75	Oil from trench # 1	1	7	Oil & Water		A
76	Oily Solids from trench # 1	1	7	Oil & Water		A
77	Oily Solids from trench # 1	1	7	Oily Debris		A
78	Liquid from trench # 3		10	Non Haz Liq		A
79	Liquid from trench # 3		10	Non Haz Liq		A

Liquid from trench # 4	5
Liquid from trench # 5	22
Liquid from trench # 6	17

A-1	Oil Layer	BULK LIQUIDS OIL/ WATER
A-2	Water Layer	BULK LIQUIDS OIL/ WATER
B	OIL SOLIDS	BULK SOLIDS

C-1	INORGANIC ACIDS	
C-2	Chromic Acid	
D	ALKALINE LIQUIDS	
E	ALKALINE SOLIDS	BULK SOLIDS
F	NON HAZ LIQUIDS	
G-1	Chromic Nitrate	
G-2	Sodium Hypochlorite	
H	CHLORINATED SOLVENTS	
I	TRENCH 3,4,5,6,7	
J	PLATING LINE SOLIDS	
K	F006 Dumpster	

ID # Description
Drum inventory for Shipment to EQ

C-1 INORGANIC ACIDS

1	Bisulfite solution	1
4	Bisulfite solution	1
6	Sulfuric Acid	1
19	Phosphoric Acid	1
24	Sulfuric Acid	1
48	Sulfuric Acid	1
51	Hydrochloric Acid	1
71	Sulfuric Acid	1
	TOTAL	8

C-2

10	Chromic Acid	1
31	Chromic Acid	1
	TOTAL	2

D ALKALINE LIQUIDS

32	Sodium Hydroxide	1
	TOTAL	1

F NON HAZ LIQUIDS

7	Coolant	1
9	Coolant	1
11	Bisulfite solution	1
12	Coolant	1
13	Coolant	1
17	Coolant	1
18	Polymer	1
23	Coolant	1
25	Polymer	1
40	Coolant	1
49	Copper Sulfate Sol	1
78	Coolant	1
79	Coolant	1
72	Polymer	1
	TOTAL	14

G-2 OXIDIZER

26	Sodium Hypochlorite	1
65	Sodium Hypochlorite	1
66	Sodium Hypochlorite	1
	TOTAL	3

H	CHLORINATED SOLVENTS	
37	Methylene Chloride	1
39	Methylene Chloride	1
41	Methylene Chloride	1
42	Methylene Chloride	1
43	Methylene Chloride	1
44	Methylene Chloride	1
45	Methylene Chloride	1
47	Methylene Chloride	1
	TOTAL	8

Total	36
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ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1

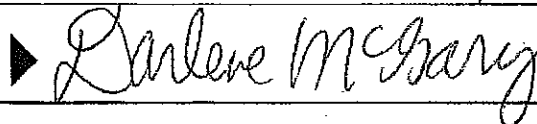
2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 04/19/2012		2. CONTRACT NO. (If any) EP-S5-08-04		6. SHIP TO: a. NAME OF CONSIGNEE Region 5	
3. ORDER NO. 0045		4. REQUISITION/REFERENCE NO. PR-R5-12-00409			
5. ISSUING OFFICE (Address correspondence to) Region 5 US Environmental Protection Agency 77 West Jackson Boulevard Chicago IL 60604-3507				b. STREET ADDRESS US Environmental Protection Agency 77 West Jackson Boulevard	
				c. CITY Chicago	d. STATE IL
				e. ZIP CODE 60604-3507	
7. TO: Rodney Swiney				f. SHIP VIA	
a. NAME OF CONTRACTOR IATA-KEMRON REMEDIATION, LLC				8. TYPE OF ORDER	
b. COMPANY NAME				<input type="checkbox"/> a. PURCHASE REFERENCE YOUR: Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
c. STREET ADDRESS 2424 LOUISIANA BLVD. NE SUITE 400				<input checked="" type="checkbox"/> b. DELIVERY Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
d. CITY Albuquerque		e. STATE NM	f. ZIP CODE 87110		
9. ACCOUNTING AND APPROPRIATION DATA See Schedule				10. REQUISITIONING OFFICE Region 5	
11. BUSINESS CLASSIFICATION (Check appropriate box(es))					
<input checked="" type="checkbox"/> a. SMALL <input type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone					
<input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) <input type="checkbox"/> h. ECONOMICALLY DISADVANTAGED WOMEN-OWNED SMALL BUSINESS (EDWOSB)					
13. PLACE OF a. INSPECTION Destination		b. ACCEPTANCE Destination		14. GOVERNMENT B/L NO.	
				15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	
				16. DISCOUNT TERMS	

17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	DUNS Number: 784878972 This action establishes the initial task order for the Detroit Tubular site, Wyandotte, MI (TO #45) and provides initial funding in the amount of \$150,000 (DCN SAX531). Continued ...					
18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOTAL (Cont. pages)
21. MAIL INVOICE TO:						
a. NAME RTP Finance Center				\$150,000.00		17(i) GRAND TOTAL
b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive				\$150,000.00		
c. CITY Durham		d. STATE NC	e. ZIP CODE 27711			

22. UNITED STATES OF
AMERICA BY (Signature)23. NAME (Typed)
Darlene McGary
TITLE: CONTRACTING/ORDERING OFFICER

SCHEDULE - CONTINUATION

2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER	CONTRACT NO.	ORDER NO.
04/19/2012	EP-S5-08-04	0045

ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0001	<p>The task order ceiling is \$150,000.</p> <p>The contractor shall perform the following tasks:</p> <ol style="list-style-type: none"> 1. Secure, characterize, remove drums, containerized wastes, spilled waste materials, associated contaminated soil, and hazardous debris located at the site; 2. Transport and dispose of all characterized or identified hazardous substances, pollutants, wastes, or contaminants at a RCRA/CERCLA-approved disposal facility in accordance with U.S. EPA's Off-Site Rule (40 C.F.R. § 300.440). <p>TOPO: Carl Norman Admin Office: Region 5 US Environmental Protection Agency 77 West Jackson Boulevard Chicago IL 60604-3507</p> <p>Accounting Info: 12-T-5AF0E-303DC6-2505-C001-125ASAX531-001 BEY: 12 Fund: T Budget Org: 5AF0E Program (PRC): 303DC6 Budget (BOC): 2505 Job #: C5C7RV00 Cost: C001 DCN - Line ID: 125ASAX531-001 Period of Performance: 04/19/2012 to 12/30/2012</p> <p>PR-R5-12-00409: Detroit Tubular - LKR #045</p> <p>The obligated amount of award: \$150,000.00. The total for this award is</p>				150,000.00	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$150,000.00



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5

77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

REPLY TO THE ATTENTION OF: MCC-103

APR 20 2012

Lata-Kemron Remediation, LLC
Attn: Rodney Swiney, Program Manager
2424 Louisiana Blvd., NE
Albuquerque, NM 87110

Re: Award of Task Order 45 under Contract EP-S5-08-04

Dear Mr. Swiney:

Enclosed is Task Order 45, "Detroit Tubular" Site, awarded under the subject contract. Please refer to the Optional Form 347 for more information. Please confirm receipt of this order via email to me at raman.anita@epa.gov (H.5 "Task Orders").

Please note the following contract requirements:

Subcontract consent must be sought for Task Orders meeting the criteria of paragraph G.16 of the subject contract;

- Conflict of interest certification is required within 20 calendar days of receipt of this Task Order (H.4 "Task Order Conflict of Interest Certification);
- Provide notice, in writing, whenever your firm has reason to believe that in a 30 day period the costs to be incurred on the Task Order will exceed 85 % of the ceiling amount (H.5 "Task Orders);
- CCR and ORCA registration must be accurate and current at all times (FAR 4.1102 and 4.1201).
- Compliance with Davis Bacon Act, if applicable.

Please contact me or the contracting officer if you have any questions regarding this Task Order. I can be reached at the email address indicated above or by telephone at 312-353-0153. Thank you in advance for your service to the Environmental Protection Agency (EPA) under this effort to ensure EPA Region 5 communities remain safe and clean.

Sincerely,

A handwritten signature in black ink, appearing to read "Anita Raman".

Anita Raman
Contract Specialist

Enclosure

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number MID005373774	2. Page 1 of 1 of 3	3. Emergency Response Phone 313-347-1300	4. Manifest Tracking Number 002849378 JJK		
5. Generator's Name and Mailing Address US EPA Region V - Detroit Tubular 9311 Groh Rd. Grosse Ile, MI 48138			Generator's Site Address (if different than mailing address) Detroit Tubular Rivet 1213 Grove Street Wyandotte, MI 48192				
6. Transporter 1 Company Name S & C Transport			U.S. EPA ID Number MID186804399				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address EQ DETROIT 1923 FREDERICK STREET DETROIT, MI 48170			U.S. EPA ID Number MID980991566				
Facility's Phone: 313-347-1300							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes
			No.	Type			
	X	1. UN3264, Waste, Corrosive liquids, acidic, inorganic, n.o.s., 8, II (Hydrochloric acid, Phosphoric Acid)	05	DF	2800	P	D002 D007
	X	2. UN3264, Waste, Corrosive liquids, acidic, inorganic, n.o.s., 8, II (Hydrochloric acid, Phosphoric Acid)	01	TP	2200	P	D002 D007
	X	3. RQ UN1755, Waste, Chromic acid, 8, II (RQ <D002, D007>)	02	DF	800	P	D002 D007
	4. UN1824, Waste, Sodium hydroxide, solution, 8, II	02	DF	800	P	D002	
14. Special Handling Instructions and Additional Information 1. C-1 Inorganic Acids (F1234WDET) 2. C-1 Inorganic Acids (F1234WDET) 3. C-2 Chromic Acid 4. D - Alkaline Liquids (F1234WDET)							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name Brian Kelly			Signature Brian Kelly			Month Day Y 06/14/11	
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:						
	17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name JEFF COLLINS			Signature Jeff Collins		Month Day Y 06/14/11	
	Transporter 2 Printed/Typed Name			Signature		Month Day Y	
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	Manifest Reference Number:						
	18b. Alternate Facility (or Generator)			U.S. EPA ID Number			
	Facility's Phone:						
	18c. Signature of Alternate Facility (or Generator)					Month Day Y	
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
	1.		2.		3.		4.
	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
	Printed/Typed Name			Signature		Month Day Y	

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number MID005373774	22. Page 2 OF 3	23. Manifest Tracking Number 002849378JJK		
24. Generator's Name US EPA Region 5 - Detroit Tubular						
25. Transporter _____ Company Name				U.S. EPA ID Number		
26. Transporter _____ Company Name				U.S. EPA ID Number		
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	Type	29. Total Quantity	30. Unit WL/Vol.	31. Waste Codes
X	UN3720, Waste, Chromic nitrate, 5.1, III	01		100	P	D001 D002 U007
X	UN3093, Waste, Corrosive liquids, oxidizing, n.o.s., 8 (5.1), II (Sodium Hypochlorite) (F123413DET)	03	DF	1200	P	D001 D002 072U
X	RQ UN1593, Waste, Dichloromethane, 6.1, III RQ <U080> (F123412DET)	06 080	DM	2400 4800	P	U080
X	UN2014, Waste, Hydrogen peroxide, aqueous solution, 5.1 (8), II (F123429DET)	01	DM	150	P	D001 D002
X	UN3139, Waste, Oxidizing liquids, n.o.s., 5.1, II (Silver Nitrate, Sodium Hydroxide) (F123476DET)	01	DM	150	P	D001 D001
X	UN3266, Waste, Corrosive liquid, basic, inorganic, n.o.s., 8, II (Sodium Hydroxide, Potassium Hydroxide) (F123476DET)	04	DM	600	P	D002
X	UN3264, Waste, Corrosive liquid, acidic, inorganic, n.o.s., 8, II (Hydrochloric acid, Sulfuric Acid) (F123440DET)	05	DM	750	P	D002 D006 D007
X	UN1993, Waste, Flammable liquids, n.o.s., 3, II (Petroleum Distillates) (F123461DET)	06 07 a	DM	500 900	P	D001
X	UN1779, Waste, Formic acid, 8, II (F123475DET)	01 02 a	DM	150 300 a	P	D002
	Non-Regulated Material (Lab Packs) (F123473DET)	05 04 a	DM	750 500 a	P	029L
32. Special Handling Instructions and Additional Information						
5. Chromic Nitrate 6. Sodium hypochlorite 7. Meth Chloride 8. LP-1 9. LP-2 10. LP-3 - 6 11. LP - 7 - 11 12. LP 12 - 16, 25 13. LP 21-22 19 14. LP 17, 20, 18, 23, 24						
33. Transporter _____ Acknowledgment of Receipt of Materials						
Printed/Typed Name			Signature		Month	Day Year
34. Transporter _____ Acknowledgment of Receipt of Materials						
Printed/Typed Name			Signature		Month	Day Year
35. Discrepancy						
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number MID005373774	2. Page 1 of	3. Emergency Response Phone 312 353 2318 312 347 1300	4. Manifest Tracking Number 002849377 JJK			
5. Generator's Name and Mailing Address US EPA Region V - Detroit Tubular 9311 Groh Rd. Grosse Ile, MI 48138			Generator's Site Address (if different than mailing address) Detroit Tubular Rivet 1213 Grove Street Wyandotte, MI 48192					
Generator's Phone: 312 347 1300			U.S. EPA ID Number MI0000263871					
6. Transporter 1 Company Name EQ INDUSTRIAL SERVICES			U.S. EPA ID Number					
7. Transporter 2 Company Name			U.S. EPA ID Number					
8. Designated Facility Name and Site Address EQ DETROIT 1923 FREDERICK STREET DETROIT, MI 48170			U.S. EPA ID Number MID080901566					
Facility's Phone: 312 347 1300								
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
	X	1. RQ UN3077, Waste, Environmentally hazardous substances solid, n.o.s., 9. III RQ <P006> <i>non-hazardous (non-regulated) waste (empty drums)</i>	05	DF	1000	P		
	X	2. RQ UN1588, Waste, Cyanides, inorganic, solid, n.o.s., 6.1, I (Sodium Cyanide, Zinc Cyanide) RQ <P106, P121>	03	DM	750	P	D003	P106 P121
	X	3. UN1689, Waste, Sodium cyanide, solid, 6.1, I	01	DF	10	P	D003	P106
		4. UN3414, Waste, Sodium cyanide solution, 6.1, I	01	DF	10	P	D003	P106
14. Special Handling Instructions and Additional Information 1. F006 Filter Cake <i>F1234 EMPTY DRUMS (F123480DET)</i> 2. Group I Cyanides 3. LP 21 (F123410ET) (F117243DET) 4. LP 22								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offor's Printed/Typed Name Brian Kelly			Signature Brian Kelly			Month Day Year 06 14 12		
INTL	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.			Port of entry/exit: Date leaving U.S.:				
	Transporter signature (for exports only):							
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials							
	Transporter 1 Printed/Typed Name John M. Sawicki			Signature [Signature]			Month Day Year 06 14 12	
DESIGNATED FACILITY	Transporter 2 Printed/Typed Name			Signature			Month Day Year	
	18. Discrepancy							
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
	Manifest Reference Number:						U.S. EPA ID Number	
	18b. Alternate Facility (or Generator)						U.S. EPA ID Number	
Facility's Phone:						Month Day Year		
18c. Signature of Alternate Facility (or Generator)						Month Day Year		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1.			2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a								
Printed/Typed Name			Signature			Month Day Year		

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number MID 005 373 774		2. Page 1 of 1		3. Emergency Response Phone (313) 347-1300		4. Manifest Tracking Number 002849384 JJK				
		5. Generator's Name and Mailing Address 9311 GROH RD GROSSE ILE, MI 48138 Generator's Phone: (734) 740-9019		5. Generator's Site Address (if different than mailing address) US EPA REGION 5 - DETROIT TUBULAR RIVET 1213 GROVE ST WYANDOTTE, MI 48192								
6. Transporter 1 Company Name Eg Industrial Services		U.S. EPA ID Number M10000263871										
7. Transporter 2 Company Name		U.S. EPA ID Number										
8. Designated Facility Name and Site Address 49350 N I-94 SERVICE DRIVE BELLEVILLE, MI 48111 Facility's Phone: (800) 592-5489		U.S. EPA ID Number MID 000 724 831										
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	X	1. RQ, NA3077, Hazardous waste, solid, n.o.s., 9, PGIII, ERG #171				007 LF		5600	P	F006		
		2.										
		3.										
		4.										
14. Special Handling Instructions and Additional Information 1. F123409MDI / F006 Filtercake												
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.												
Generator's/Offor's Printed/Typed Name Brian Kelly						Signature <i>Brian Kelly</i>		Month Day Year 06 14 12				
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____											
	17. Transporter Acknowledgment of Receipt of Materials											
TRANSPORTER	Transporter 1 Printed/Typed Name John M. Sturich						Signature <i>John M. Sturich</i>		Month Day Year 06 14 12			
	Transporter 2 Printed/Typed Name						Signature		Month Day Year			
DESIGNATED FACILITY	18. Discrepancy											
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection											
	Manifest Reference Number:											
	18b. Alternate Facility (or Generator) U.S. EPA ID Number											
	Facility's Phone:											
	18c. Signature of Alternate Facility (or Generator)								Month Day Year			
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)												
1. H111				2.				3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a												
Printed/Typed Name						Signature		Month Day Year				

Coupon only honored at the time of service





Land Disposal Restriction & Certification Form

Please check the appropriate facility:

<input type="checkbox"/> Michigan Disposal Waste Treatment Plant	49350 N. I-94 Service Drive, Belleville, MI 48111	EPA ID # MID 000 734 831
<input type="checkbox"/> Wayne Disposal, Inc. Site #2 Landfill	49350 N. I-94 Service Drive, Belleville, MI 48111	EPA ID # MID 048 690 633
<input type="checkbox"/> EQ Detroit, Inc.	1923 Frederick Street, Detroit, MI 48211	EPA ID # MID 980 991 566
<input type="checkbox"/> EQ Resource Recovery, Inc.	36345 Van Born Road, Romulus, MI 48174	EPA ID # MID 060 975 844
<input type="checkbox"/> EQ North Carolina	1005 Investment Blvd, Apex, NC 27502	EPA ID # NCD 982 170 392
<input type="checkbox"/> EQ Florida, Inc.	7202 East 8 th Ave, Tampa, FL 33619	EPA ID # FLD 981 933 494

Generator Name: DETROIT TUBULAR RIVET U.S. EPA ID No.: MID005373774

Generator Address: 1213 GROVE STREET, WYANDOTTE MI 48192

Manifest Doc. No.: 002849377JK

Instructions

Column 1: Identify all U.S. EPA hazardous waste codes that apply to this waste shipment.

Column 2: Choose the appropriate treatability group: Non-Wastewater (NWW) or Wastewater (WW).

Column 3: Enter the appropriate Subcategory. If applicable, and also enter "Contaminated Soil" or "Debris" if the waste will be treated using one of the alternative treatment technologies provided by 268.49 (c) - soil, or 268.45 - debris.

Column 4: Enter the letter of the appropriate paragraph from pages 1-2 of this form.

Column 5: For F001 - F005, F039, D001 - D043, Debris and Contaminated Soil, please enter the Reference Number(s) for any constituents in your waste stream subject to treatment. The Reference Number(s) can be found in the EQ Resource Guide, LDR/THC Constituent Table

Manifest Line Item	U.S. EPA Hazardous Waste Code(s)	NWW or WW	Subcategory	How Must the Waste be Managed?	Reference Number(s) of Hazardous Constituents contained in the waste. Complete for F001-F005, F039, D001-D043, Soil and Debris wastes.
9-1	F001	NWW	CL 122	A	
9-2	D003 P106 P121	NWW	TOXIC	A	
9-3	D003 P106	NWW	TOXIC	A	
9-4	D003 P106	NWW	TOXIC	A	

I hereby certify that all information submitted on this and all associated documents is complete and accurate to the best of my knowledge and information.

Generator Signature: Brian Kelly

Title: OSC

Printed Name: Brian Kelly

Date: 6-14-12

How Must the Waste Be Managed?

5. THIS CONTAMINATED SOIL DOES NOT CONTAIN LISTED HAZARDOUS WASTE AND DOES NOT EXHIBIT A CHARACTERISTIC OF HAZARDOUS WASTE AND IS SUBJECT TO COMPLIES WITH THE SOIL TREATMENT STANDARDS

AS PROVIDED BY 268.49(C) OR THE UNIVERSAL TREATMENT STANDARDS I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and believe that it has been maintained and operated properly so as to comply with treatment standards specified in 40 CFR 268.49 without impermissible dilution of the prohibited wastes. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

ID #	Description	55	55gallon	Tote	
A	OIL & WATER BULK WASTE INCLUDING AST'S		18		1
B	OIL SOLIDS- BULK IN ROLL OFF		11		
I	WASTEWATER BULK		46		
C-1	INORGANIC ACIDS		12		1
C-2	Chromic Acid		2		
D	ALKALINE LIQUIDS		2		
E	ALKALINE SOLIDS BULK ROLL OFF W/ PIPING DEBRIS		3		
F	NON HAZ LIQUIDS		14		1
G-1	OXIDIZER- Chromic Nitrate		1		
G-2	OXIDIZER-Bleach		3		
H	CHLORINATED SOLVENTS		8		
K	Cyanide		2		
			47		2
	Lab packs		15		

41	Methylene Chloride	1	Chlorinated Solvents
42	Methylene Chloride	1	Chlorinated Solvents
43	Methylene Chloride	1	Chlorinated Solvents
44	Methylene Chloride	1	Chlorinated Solvents
45	Methylene Chloride	1	Chlorinated Solvents
47	Methylene Chloride	1	Chlorinated Solvents
TOTAL		8	

I WASTEWATER BULK

T# 3	Waste water	10	Non Haz Liq
T# 4	Waste water	10	Non Haz Liq
T# 5	Waste water	10	Non Haz Liq
T# 6	Waste water	10	Non Haz Liq

C-1 ^{total} inorganic acids 13 12

C-2 chromic 2

D alkaline liq 2

F Non Haz 14

^{total} 1

G-1 oxidize 1

G-2 bleach 3

H chlor 8

1
- 75

45
drums 2 ^{total}

62	Sulfuric Acid	1 Green	1 Inorganic acid	275 tote
71	Sulfuric Acid	1 Green	1 Inorganic acid	
C-2				
10	Chromic Acid	1 Red	1 Inorganic acid	
31	Chromic Acid	1 Red	1 Inorganic acid	
TOTAL		15		
D	ALKALINE LIQUIDS			
32	Sodium Hydroxide	1 Clear	12 Alkaline Liq	
69	Sodium Hydroxide	1 Clear	12 Alkaline Liq	
TOTAL		2		
E	ALKALINE SOLIDS BULK ROLL OFF W/ PIPING DEBRIS			
58	Sodium Hydroxide Solids	1 Brown	12 Alkaline Solids	
67	Caustic Sludge	1 tan	13 Alkaline Solids	
68	Caustic Sludge	1 tan	13 Alkaline Solids	
TOTAL		3		
F	NON HAZ LIQUIDS			
7	Coolant	1 Green	9 Non Haz Liq	
9	Coolant	1 Green	9 Non Haz Liq	
11	Bisulfite solution	1 Green	8 Non Haz Liq	
12	Coolant	1 Clear	8 Non Haz Liq	
13	Coolant	1 Clear	7 Non Haz Liq	
17	Coolant	1 Clear	5 Non Haz Liq	
18	Polymer	1 White	7 Non Haz Liq	
23	Coolant	1 Green	7 Non Haz Liq	
25	Polymer	1 White	8 Non Haz Liq	
40	Coolant	1 Clear	7 Non Haz Liq	
49	Copper Sulfate Sol	1 Blue	10 Non Haz Liq	
52	Polymer	1 White	9 Non Haz Liq	
53	Coolant	1 Clear	9 Non Haz Liq	
54	Sodium Metasilicate	1 tan	10 Non Haz Liq	
72	Polymer	1 White	9 Non Haz Liq	275 tote
TOTAL		15		
G-1	OXIDIZER			
57	Chromic Nitrate	1 Clear	1 Oxidizer	
G-2	OXIDIZER			
26	Sodium Hypochlorite	1	Oxidizer	
65	Sodium Hypochlorite	1	13 Alkaline Liq	
66	Sodium Hypochlorite	1	13 Alkaline Liq	
TOTAL		4		
H	CHLORINATED SOLVENTS			
37	Methylene Chloride	1	Chlorinated Solvents	
39	Methylene Chloride	1	Chlorinated Solvents	

455 2184.00

312 353-2318

Form Approved. OMB No. 2050-0039

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number MID 005 373 774	2. Page 1 of 1	3. Emergency Response Phone (313) 347-1206 312 353-2318	4. Manifest Tracking Number 010348988 JJK			
5. Generator's Name and Mailing Address 9311 GROH RD GROSSE ILE, MI 48138 Generator's Phone: (734) 740-9019		Generator's Site Address (if different than mailing address) DETROIT TUBULAR RIVET 1213 GROVE ST WYANDOTTE, MI 48192						
6. Transporter 1 Company Name HM ENVIRONMENTAL SERVICES, INC.				U.S. EPA ID Number MIR 000 017 079				
7. Transporter 2 Company Name				U.S. EPA ID Number				
8. Designated Facility Name and Site Address 1923 FREDERICK DETROIT, MI 48211 Facility's Phone: (313) 347-1300				U.S. EPA ID Number MID 980 991 566				
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes	
		1. NON HAZARDOUS, NON REGULATED LIQUIDS	No.	Type				
			001	TT	est 4800	G	021L 029L	
		2.						
		3.						
	4.							
14. Special Handling Instructions and Additional Information 1. F122056DET / OIL & WATER								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offor's Printed/Typed Name Brian Kelly					Signature <i>Brian Kelly</i>		Month Day Year 16 11 12	
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: _____ Date leaving U.S.: _____					
	Transporter signature (for exports only): _____							
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials							
	Transporter 1 Printed/Typed Name Joe St. John					Signature <i>Joe St. John</i>		Month Day Year 16 11 12
	Transporter 2 Printed/Typed Name					Signature		Month Day Year
DESIGNATED FACILITY	18. Discrepancy							
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
	Manifest Reference Number: _____							
	18b. Alternate Facility (or Generator) U.S. EPA ID Number							
	Facility's Phone: _____							
	18c. Signature of Alternate Facility (or Generator)					Month Day Year		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
	1. LIW	2.	3.	4.				
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name					Signature		Month Day Year	

312 353 2318

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number MID 005 373 774	2. Page 1 of 1	3. Emergency Response Phone 800 353 2318	4. Waste Tracking Number 061112-1
5. Generator's Name and Mailing Address US EPA Region 5-Detroit Tubular Rivet Site 77 W Jackson Blvd., Chicago, IL 60604-3600			Generator's Site Address (if different than mailing address) 1213 Grove St., Wyandotte, MI 48192		
Generator's Phone: (734) 740-9019 Attn: Brian Kelly			U.S. EPA ID Number NOT REQUIRED		
6. Transporter 1 Company Name Waste Management			U.S. EPA ID Number		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address Waste Management Woodland Meadows RDF-Van Buren 5900 Hannan Rd., Wayne, MI 48184			U.S. EPA ID Number MIR 000 035 659		
Facility's Phone: (734) 326-0993					

9. Waste Shipping Name and Description	10. Containers		11. Total Quantity	12. Unit WL/Vol.
	No.	Type		
1. Non RCRA, Non DOT Regulated Material (Caustic Debris)	001	CM	est 30	Y
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information
1: Profile# 111042MI (Debris composition: Metal Piping, Plastic Piping, Wood & with less than 5% Sodium Hydroxide)

Job# ROAN-SSCH-

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offoror's Printed/Typed Name Brian Kelly	Signature <i>Brian Kelly</i>	Month Day Year 06 11 12
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15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____

Transporter Signature (for exports only): _____

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name James Hayden	Signature <i>James Hayden</i>	Month Day Year 6 11 12
Transporter 2 Printed/Typed Name	Signature	Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number: _____ U.S. EPA ID Number

17b. Alternate Facility (or Generator)

Facility's Phone: _____

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name	Signature	Month Day Year
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312 353 2318

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number MID 005 373 774	2. Page 1 of 1	3. Emergency Response Phone 800 398 7242	4. Waste Tracking Number 061312-1
	5. Generator's Name and Mailing Address US EPA Region 5-Detroit Tubular Rivet Site 77 W Jackson Blvd., Chicago, IL 60604-3560 Generator's Phone: (734) 740-9019 Attn: Brian Kelly Generator's Site Address (if different than mailing address) 1213 Grove St., Wyandotte, MI 48192 9311 Groh Rd., Grosse Ile, MI 48138			
6. Transporter 1 Company Name Waste Management			U.S. EPA ID Number NOT REQUIRED	
7. Transporter 2 Company Name			U.S. EPA ID Number	
8. Designated Facility Name and Site Address Waste Management Woodland Meadows RDF-Van Buren 5900 Hannan Rd., Wayne, MI 48184 (855) 257-5024			U.S. EPA ID Number MIR 000 035 659	
Facility's Phone:				
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity
		No.	Type	
1. Non RCRA, Non DOT Regulated Material (City Debris) 2. 3. 4.		001	CM	est 30
13. Special Handling Instructions and Additional Information 1: Profile# 111043MI (Debris composition: Speedy Dry, Oil Filter Cloth, Wood & Dry Oil Filters) <div style="text-align: right;">Job# ROAN-SSCH-</div>				
14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.				
Generator's/Offor's Printed/Typed Name Brian Kelly		Signature <i>Brian Kelly</i>		Month Day Year 6 13 12
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:				
16. Transporter Acknowledgment of Receipt of Materials				
Transporter 1 Printed/Typed Name Mark Cooper		Signature <i>Mark Cooper</i>		Month Day Year 6 13 12
Transporter 2 Printed/Typed Name		Signature		Month Day Year
17. Discrepancy				
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection				
Manifest Reference Number:				
17b. Alternate Facility (or Generator)			U.S. EPA ID Number	
Facility's Phone:				
17c. Signature of Alternate Facility (or Generator)			Month Day Year	
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a				
Printed/Typed Name		Signature		Month Day Year

APPENDIX D
CITY DIRECTORIES

R SALES

Sales and Service

Tel. Vinewood 2-0650

CO.'S

Viseman Wilfred A barber
rzybyski Albert gro
Viseman Wilfred A
aCroix Ernest
llesser Earl T
emaggio Dominick
iovotnik Steph
mith Wm W
into Paul
ixon Clarence
Koch Thos
ones Norman L
ekety Jos
iatuzwaski Zigmund
ayne Earl J
ialy Frank
Corycki Anthony
Jooper Alf E
Litwinski Mary Mrs
Cocisko Alex
Rebicki Alex
Polowczyk Stanley
Jardzienski Zigmont
Podsiad Frank
Demaggio Saml
Koch Anthony
Yope Wm
Vacant store
Vacant
McGrath Cristine Mrs

Davis intersects

Vacant
Cohee Stella Mrs
Flack John H
Torolski Benj
Janneck Herman
Bommarito Nunzio
Gerecki Jos
Jagielski John
Wyzgowski Chester
Radcliffe John C
Gibarat Wilhelmina Mrs
Skidmore Wm
Vacant
Kolakowski John
Chaney Jas
Fyanes Danl M
Skidmore Wilfred
Swart Chas
Litwinski Adam
Skidmore Job
Perry Jas A
Wieczorek Walter
Thompson Oren H
Debo Eli
Mildge Michl
McEachran Edw W
Sachlowski Geo
Caroli Geo W

Ford av intersects

Newton Arth
Seamon Harry
Schock Horace
Smith Wm
Smith Owen
Barnes Velve
Soncrant Jerome
Dryhurst Sidney
Price Frank C
Schneider Anna Mrs
Pitak Stanley
Tarnowski Barney
Downing Sonnie trucking

Spruce intersects

Emmert Gus
Taylor Lewis E
Ford Fredk W
Harpham W Edw
; McCord Radiator & Mfg Co
auto parts
Mulberry intersects
; Lehmann Louis
Leslie Ernest
; Skipworth Benj N

Eberts Bros. Company

COAL — BUILDERS' SUPPLIES

2439 Van Alstyne Blvd.

Wyandotte

Phone Wyandotte 1500

WYANDOTTE DIRECTORY OF HOUSEHOLDERS (1933)

353

2309 Ivanschultz Jos
Raymond Aloysius
2310 Hale Harry
Green Fred
2316 Udell Jos H
2319 Denman Myrtle Mrs
2322 Sieg Paul
2323 Greenfield Chas E
2333 Crassweller Geo
2336 Schwiess Roy
2338 Wickstrom Kath
2345 Crassweller Milton

Walnut intersects

2347 Murray Lawrence
2405 Maloney Henry
2425 Streeter Fred J
2435 Dorrance Chas
2441 Vacant
2519 Pratt Glenn B
2527 Northrup Frances H Mrs
2531 Lange Augusta E Mrs
2536 Barbour Bird Mrs

Poplar intersects

Vinewood av intersects
2609 LeBlanc David A
2626 Gishler Fred
2643 Duncan Donald
Gishler Wm O
2647 Schendel Herbert P

Superior blvd intersects

2715 Dewitt Chas
2721 Draeger Wm P
2727 McCaw Esther Mrs
2731 Vacant
2734 Collari Wm
2737 Fewtrell May Mrs
2738 Brandes Fred W
2744 Gatzke Wm

Chestnut intersects

2802 Baier Albert
2806 Thomas Henry C
2809 Sowers Earl B
2810 Vacant
2817 Foster Fredk
2818 Peters Harry A lawyer
2826 Peters Casper
2827 Chuklin Michl
2834 Kohan Bernard
2844 Vacant

Oak intersects

2926 Stark Wm P
2932 Hunt Mary C Mrs
Fowlloski John R

Elm intersects

3008 Quinan Wm
3036 Nelson Emmett E
3038 Metcalf F Ray
3051 Ducharme Jos
3053 Patrick Chas
Patrick Ralph

Maple intersects

3115 Fury Wm
3125 Ferris Rufus

Sycamore intersects

3234 Vacant
3235 Rushlow Andrew
3241 Bulfont Forest
3244 Vacant
3246 Vacant

Eureka av intersects

3313 VanPelt Reammaer
3325 Addy Hugh
3334 Silvassy Paul
3335 Vacant store
3337 Warner Florence Mrs

Orange intersects

3415 Vacant
3426 Dumont Wm
3432 Meyers Wm
3435 O'Donnell John
3443 Meyers Margt Mrs
Connelly Mildred beauty shop
3451 Hogan Wm
3455 Kreger Ira J

Pine intersects

3504 Morris John
3523 Hennard Fred A
3535 Bruzine Robt
3540 Beaudrie Clarence
Humphreys Owen
3542 Kovolessi Vincent
3544 Beaudrie Prosper
3549 Koich Mela
McCallaster Wm
Cherry intersects
3613 Carroll Geo
3634 LaPan John bldg contr
3640 Dolinski Jos
3646 Corrigan John
3654 Corrigan John jr
3753 Vacant store

Plum intersects

3704 Neifert Geo
3708 Community Barber Shop
3716 MacLellen Leo
rear Werner Willis C

THIRTEENTH—From Goddard rd
south to Pennsylvania av, 4 west
of Electric av (unopened from
Ford av to Eureka av)

Baumeys av intersects

Antoine intersects

Alkali av intersects

1702 Merritt Harley S

1751 Wilbur Geo P

1820 LaCombe Geo N

Ford av intersects

Eureka av intersects

3325 Psutka John
3326 Magolan John
3334 Romanski Robt
3337 Chmura Martin
3342 Burzynski Thos
3343 Napierkowski Jos
3351 Koper Leon
3352 Preter Frank C
3355 Zimmer Casper M
3358 Zyjewski Cath Mrs
3366 Jakowenko Frank K
Tychonczyk Anna Mrs
3367 Marshall Victor
3374 Pace Frank L
3375 Rutkowski Alex
3379 Szymborski Walter
3382 Niedbalski Stanley
3385 Smigilski Michl
3388 Vacant
3391 Guzenda Alex
3393 Weimer John H
3399 Grod Pauline Mrs
3403 Kostecki John
3409 Dobrowolski Felix
3415 Gulasz Jos
3421 Jarosz Thos

Pine intersects

3502 Izbicki Andrew

3524 Welsh Timothy F

Lee ends

3533 Chmielewski Frank

Orchard intersects

Grove intersects

Marshall av intersects

Ludington av intersects

4415 Hierotowicz Michl

4427 Vacant

4439 Vacant

Signage av intersects

TWELFTH — From Goddard rd
south to Lee, 3 west of Electric
av
Baumeys av intersects
Antoine intersects
Hudson av intersects
1503 McBurney Saml D
Alkali av intersects
1815 Stauch Geo G
Ford av intersects
2030 Wahowiak Ralph F
Spruce intersects

ICE

FRIENDSHIP COAL CO.

GIANT QUALITY — DWARF PRICES

with prompt and courteous Service

Phone Trenton 239

Yard: Elm at Railroad

COAL

1933

HENRY F. THON & CO. **FUNERAL DIRECTORS — AMBULANCE SERVICE**

Phones 7 Store, 7 or 700 Nights and Sundays
 3208 BIDDLE AVE., WYANDOTTE

(1933) R. L. POLK & CO.'S

DORGE—Contd
 Labadie Hector R pntr
 Perry Frank A
 Morche Alf B
 Sendelbach Roofing Co
 Sendelbach Jos J
 Mead Leo A pntr
 Drouillard Chas P
 Behn Wm J
 Drouillard Geo I

First intersects

Perry Adolph
 Carley Albert J
 Albar Jos
 San Souci Oliver
 Rathert Donald
 Hoffman Peter
 Cone Lee E
 Blair Wm J
 Cowgill Geo H
 Brighton Ray M
 Airola Peter P
 Munroe Hugh A
 Pinson Thos

Second intersects

Howe Wm
 Vacant

Third intersects

Boyce Thos

DT&IRR intersects

NYCRR intersects

MCRR intersects

D&TSLRR intersects

Electric av intersects

DARD RD—From 1000 Biddle west to city limits
 Roussel Adam N auto repr
 Gilstroff Fredk
 Lamb Jos S
 Slagle Wm H
 Reader Chas H
 or Labadie School

First intersects

Perry Jennie Mrs
 Eberts John C
 Bailey John C
 Malay Wm J
 Bondie Jos
 Bateman Jas W
 Drouillard Eli P
 Rushman Nicholas
 Perry Edw H
 Bush Wm R
 Bush Sylvester J
 Gishler John H

Second intersects

Carolla Mary M Mrs
 LeClair Geo A

Third intersects

Ringo John W
 Fowler Walter M
 Walworth Jas
 Burton Frank W
 Orban John
 Hecox Benj J
 Sauer Cooperage Co
 Mexico Danl

Fourth intersects

LaBeau Fred
 Vacant
 Kaufman John W
 Fell Frank J
 Readel Gustav
 Shonk Peter F gro
 Johnson Clarence L
 Osborne John
 Kozlowski Cath Mrs dry gds

MCRR intersects

Sekmistrz Frank gro

Fifth intersects

Labadie Frank S auto repr
 Labadie Frank S
 Grennon Eug G
 Labadie Frank S fill sta
 Jarvis Alf M

524 Staniszewski Stanley
 Lincoln av intersects
 538 Bigham Danl A
 550 Meschke Harry W
 554 Kowalski Walter J
 556 Tavenner Arth S
 560 Bush Mark A

Sixth intersects

604 Staniszewski Stanley baker
 610 Vacant
 628 James John H
 632 Jarrendt Ralph E

Lindbergh av intersects

652 Kocembo Walter
 660 Grahl Edw F
 664 Shurmur Thos H
 670 Kropp Aug E

Seventh intersects

706 Harrington Fred C
 732 Laurain Raymond C

Eighth intersects

807 Bodnar Jos gro
 811 Vacant
 835 Vacant
 862 Kish Steph

Corn intersects

sw cor Detroit Edison Co Goddard
 Sub Sta

Ninth intersects

Electric av intersects

DM&TERR crosses

906 Toth Alex M

Tenth begins

1008 Baffie Jos J

River rd begins

1126 Roth Flora E Mrs

Twelfth begins

Harrison blvd ends

Thirteenth begins

Fourteenth begins

Fifteenth begins

1505 Russell Clarence W

Sixteenth begins

Seventeenth begins

Eighteenth begins

1807 Drouillard Fred J

Nineteenth begins

1937 Vacant

Twentieth begins

2017 Bertschinger Louis

Twenty-first begins

Twenty-second begins

Twenty-third begins

Fort intersects

GOODELL—From 1100 Biddle av west to MCRR

First intersects

138 Palmer John C Rev

Second intersects

224 Vacant

Third intersects

McKinley av begins

GROVE—From 4000 Biddle av west to city limits

Fourth ends

425 Vacant

438 Affholter Bros Creamery

452 Zaddack Leo C

462 Raubolt Henry J

466 Red & White Stores gros

Fifth intersects

514 Varga John

524 Whitmore John A

Pickens Clarence L

527 Moncilwich Danl

533 Darago Jos J

Albion begins

534 Conklin Arth N

538 Welner Russell F

544 Moore Connor

548 Vacant

556 Radocaj John

557 Kroll Michl P jr

Sniargon's

10423 W. Jefferson Ave.
 RIVER ROUGE, MICH.

**DRY GOODS
 FURNISHING**

FOR ENTIRE F/...
 Phone Vinewo...

WYANDOTTE DIRECTORY OF HOUSEHOLDERS (1933)

563 Hopkins Gilbert H
 563 Vacant
 569 Seely Jos
 Waterbury Kenneth Q
 573 LaFleur Frank E
 577 Marx Ice Coal & Coke Co
 Ouellette Anna Mrs

Sixth intersects

622 Vacant
 624 Kivialkowski John
 634 Moss Jennie Mrs
 641 Mayville Andrew
 642 Vacant

643 Astolos Steven

646 Orlick John

646 Michalak John

654 Schendel Julius W

655 Varga Andrew

666 Grove Street Service Station.

Vizachero Dominic

673 Petkov Geo A

Koester Chas H

681 Kosman John

Seventh intersects

700 Vacant

704 Vacant

710 Ostage Steph

712 Zilka Jos

719 Cosman Steph

728 Sietoff Ida Mrs

Weaks Wm S

729 Sokolowski Telsfor

735 Clark Fred W

738 Sietoff Millie Mrs

746 Millinske Paul L

750 Mercier Theodosia M Mrs

Roberts Edw F

Spedding Wm E

758 DuChene Leo A

764 Sepulski Anthony

Eighth intersects

806 Mitchell Arden D

Ninth intersects

MCRR intersects

Eleventh intersects

120 Schniers Benj H

Thirteenth intersects

Fourteenth intersects

Fifteenth intersects

Sixteenth intersects

Seventeenth intersects

Eighteenth intersects

Nineteenth intersects

Twentieth intersects

Twenty-first intersects

Twenty-second intersects

Twenty-third intersects

Fort intersects

HARRISON BLVD—From Goddard rd northwest, first west of Twelfth

HAZEL—From Electric av west to River rd, first north of Goddard rd

HIGHLAND AV—From Alfred west to Riverside dr, second south of Elmwood blvd

285 Grubba Chas H

293 Hunter Harry B

298 Morris Wm

333 Washburn Wm

Toms Chas

334 Smith Thos

338 Baldwin Morris J

340 Rice Bertha Mrs

343 Peschel Howard F

363 Bruce Chas J

366 Johnson Louis C

368 James Hughes

384 McClain Clyde trucking

390 Chowlinski John

398 Mink L/Edmond W

Fourth intersects

427 Gt A & P Tea Co
 431 Skidmore Jos mea
 447 Hurnevich Bros g
 547 1/2 Vacant
 ne cor Suzor Leon filli

Sixt

603 Smith Wm M

610 Peacock Thurmon

611 Feldman Arth L

615 Anderson Murri J

624 Broadwell John C

632 Reid Eug

637 Todd Jas R

645 Noslip Trabor E

652 Dennis Earl A

660 Vacant

668 Clark R Raymond

674 Hefner Guy H

708 Grenke Fredk

715 Sutherby Roy W

729 Tomlinson Willard

735 Goodyear Frank

750 Coan Norman A

HILLSDALE AV—Fr west to MCRR, first Grove

559 LaFleur Leo E

Sixt

Sevent

Eight

Ninti

HUDSON AV—From 150 west to Eleventh

114 Bellville Vern

118 Burke Eliza A Mr

132 Sidebottom John I

133 Horn Harry E

139 Conant Charlotte ?

140 Hoffman Martin

146 Bateman Alva T

147 Noel Louis R

151 Bosserdet Fred

152 Hodges Reginald

158 Milewski Alex

164 Goss Alex

168 Brigullio Jos

174 DeAngellis Alfonso

180 York Harry F

188 Woollicroft Jack

192 McCummings Wm

198 Cooper Geo M

Second

208 Clark Thos

215 Hindt Emma Mrs

218 McEachran Edw

221 Thomas Geo

226 Berlinski Anthony

232 Glacapeli Frank

232 Lesinski John

Berlinski Steph

233 Doherty Margt S M

236 Fredericks Frank

238 Vacant

242 Simpson Alf

244 Schwochow Wm F

245 Raymond Jas E

250 Bragenzer Jos

251 Tucker Wm O jr

256 Sidebottom Etta M

257 Hilley John A

Hudnicki Stanley

262 Stark Duane

263 Bullard John W

268 Vacant

269 Laszewski Thaddeu

274 Yoxall Bridget Mrs

275 Spas Nicholas

280 Richards Saml

281 Vacant

286 Lange Paul

292 Wittkowski Stanley

293 Vacant

McKinley av

1933

Geo. H. Fleetham Agency

All Kinds of Insurance — Surety Bonds

2918 BIDDLE AVE.

PHONE 1783

WYANDOTTE

334

(1936) R. L. POLK & CO.'S

GROVE—Contd

1120 Schniers Benj H ©
Thirteenth intersects
Fourteenth intersects
Fifteenth intersects
Sixteenth intersects
Seventeenth intersects
Eighteenth intersects
Nineteenth intersects
Twentieth intersects
Twenty-first intersects
Twenty-second intersects
Twenty-third intersects
Fort intersects

HARRISON BLVD — From Goddard rd northwest, first west of Twelfth

HAZEL—From Electric av west to River rd, first north of Goddard rd

HIGHLAND AV — From Alfred west to Riverside dr, second south of Emmons blvd

285 Grubba Chas H ©
293 Hunter Harry B ©
298 Morris Wm J ©
333 Decker Louis F
McGowin Harold
334 Smith Thos ©
338 Baldwin Morris J ©
343 Heschler Victor
363 Carroll Bernard C
365 Johnson Louis C
366 Hughes Robt P
384 McClain Clyde © trucking
390 Chowinski John ©
396 Richards Edgar

Fourth intersects

400 Hurnvich Bros gros
427-31 Gt A & P Tea Co (br)
547 Vacant
547½ Vacant

ne cor Suzor Leon filling sta
Sixth intersects

603 Smith Wm M
610 Fisher Carl E
611 Solomon Chas
615 Jacobson Harold K
624 Broadwell John C
632 Reed Chas H
637 Todd Jas R
652 Dennis Earl A ©
660 Lawson Alex M ©
668 Fite Herbert
674 Engfehr Oscar C
Eeklaben Carl
708 Granke Fred R ©
715 Forter Irving L
729 Tomlinson Willard G
735 LaBelle Bernard H
750 Stoelt Oscar

HILLSDALE AV — From Albion west to MCRR, first south of Grove

559 LaFleur Leo E
Sixth intersects
Seventh intersects
Eighth intersects
Ninth intersects

HUDSON AV—From 1500 Biddle av west to Eleventh

114 Slubowski Casimir J
115 Black Wm ©
132 Sidebottom John H ©
133 Horn Harry E ©
139 Conant Charlotte Mrs ©
140 Hoffman Martin ©
146 Milewski Alex ©
147 Noel Louis R ©
Ingram Geo C
151 Bossardet Fred ©
152 Hodges Reginald B
153 Matuzwaski Zigmund ©
164 Bialoy Peter ©
168 Lesinski John
174 Brandon Jas
180 York Harry F ©
188 Roberts Don T
192 McCummings Wm ©
198 Cooper Geo M ©
se cor J B Ford School

Second intersects

208 Clark Thos ©
215 Hindt Emma Mrs
218 McEachran Edw ©
McEachran Roy
221 Thomas Geo B
226 Berlinski Anthony ©
Stevens Wm
232 Clark Stephen
Hummel Roy
233 McKarg Archie
236 Fredericks Frank ©
238 Witkowski Henry C
242 Simpson Alf
244 Schwochow Wm F ©
245 Raymond Jas E ©
250 Bragenzer Jos ©
251 Tucker Wm O jr ©
256 Sidebottom Etta Mrs ©
257 Hilley John A ©
262 Stark Duane J ©
263 Bullard John W ©
268 Armstrong Jack
269 Laszewski Thaddeus
274 Yoxall Bridget Mrs
275 Spas Nicholas
280 Richards Saml ©
281 Ramsey Alex ©
286 Lange Paul B ©
292 Witkowski Stanley ©
293 Witkowski Nick ©

McKinley av intersects

302 Biando Michiel
303 LaBeau Danl P ©

281

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JAME

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KING

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1936

INSURANCE JOHN F. MCINERNEY INSURANCE

TEL. 241

(WYANDOTTE)

98 ELM

NIXON FUNERAL HOME

R. J. NIXON, Funeral Director

Prompt Ambulance Service

2544 Biddle Ave.

Phone 607 Anytime

Wyandotte

366

(1936) R. L. POLK & CO.'S

THIRD—Contd

3334 Vacant
3335 Hunt Wesley L
3337 Warner Florence Mrs ©
Orange intersects
3423 Stahlman Geo E
3426 Dumont Wm
3432 Meyers Wm ©
3435 Fountain Roland L
3443 Meyers Margt Mrs ©
Connelly Mildred beauty shop
3451 Hogan Wm
3455 Kreger Ira J ©
Pine intersects
3504 Philport Elroy
3522 Hennard Fred A ©
3535 Thompson Rose Mrs
3540 Wolske Walter T
3542 Kowalski Vincent ©
3544 Beaudrie Prosper ©
3549 Koich Mela ©

Cherry intersects

3616 Carroll Della Mrs ©
3634 LaPan John © bldg contr
3640 Risinger Denver E
3646 Corrigan John P restr
3654 Corrigan John jr
3658 Normandie Cafe

Plum intersects

3704 Neifert Geo ©
3708 Community Barber Shop
3716 Mayer Fredk T
rear Trovell Jesse

THIRTEENTH—From Goddard rd south to Pennsylvania av, 4 west of Electric av (unopened from Ford av to Eureka av)

Baumey av intersects

Antoine intersects

Alkali av intersects

1702 Merritt Harley S ©
1751 Wilbur Geo P ©
1820 LaCombe Geo N ©

Ford av intersects

Eureka av intersects

3325 Psutka John M ©
3326 Magolan John P ©
3334 Romanski Robt ©
3337 Chmura Martin ©
3342 Burzynski Thos ©
3343 Napierkowski Jos ©
3351 Koper Leon ©
3352 Freier Frank C ©
3355 Zimmer Casper M ©
3358 Zyjewski Cath Mrs ©
3366 Amo Lewis E
3367 Marshall Victor ©
3374 Pace Frank L ©
3375 Rutkowski Alex ©
3379 Szyzborski Walter ©
3382 Niedbalski Stanley ©
3385 Smigielski Michl ©
3388 Beck Victor J ©

3391 Guzenda Alex ©

3398 Griggs Elmer

3399 Grod Pauline Mrs ©

3403 Kosteki John ©

3409 Kaminski Geo

3415 Gulash Jos ©

3421 Jarosz Thos ©

Pine intersects

3480 Schock Eliz Mrs ©

3502 Izbicki Andrew

3524 Welsh Timothy F ©

Lee ends

3533 Chmielewski Frank ©

3553 Ulewicz Geo

Orchard intersects

Grove intersects

Marshall av intersects

Ludington av intersects

4415 Sierotowicz Michl

4427 Luddys Frank

4439 McGinnis Edgar S

Stignace av intersects

TWELFTH — From Goddard rd south to Lee, 3 west of Electric av

Baumey av intersects

Antoine intersects

Hudson av intersects

1503 McBurney Saml D ©

Alkali av intersects

1815 Stanch Geo G ©

Ford av intersects

2030 Wahowiak Ralph F ©

Spruce intersects

2110 Placinski Frank © gro

2128 Doliasz Jos F ©

2163 Fasca Walter ©

2169 Vacant

2181 Vacant

Cedar intersects

2222 Szymanski Walter

2232 Geniac Gerald ©

2241 Dembinski Edw ©

2242 Geniac Louis J ©

2257 Belke Bertha Mrs ©

Kanarik Stanley

2259 Belke Karl jr

2288 Pear Walter W

Stender John ©

Oxford ct begins

Mulberry ends

Molino ends

2357 Vacant

2359 Vacant

2361 Vacant

2383 Burns Thos J ©

2393 Cislo Mary Mrs ©

Walnut intersects

2404 Pomnichowski Alex ©

2408 Pomnichowski Albert ©

2414 Dupenon Abr ©

2423 Sevenski Peter

2451 Sevenski Jacob ©

Poplar intersects



10

WYA

2503 Gr

2516 Br

2540 Ku

2611 Kr

2614 Ch

2627 Ma

2647 Sol

3035 Ba

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3135 Gr

3137 Zu

3210 Ur

3235 Pa

3243 Kt

3326 Bo

3327 Gu

3332 La

3333 Ka

3336 Ki

3337 Gu

3342 Gr

3348 Gc

3349 Ki

3355 Bu

3360 Dv

3361 W

3366 No

3367 Sz

3372 Kc

3373 Ma

3378 Je

3379 Al

3384 Or

3385 Dc

3390 Pa

3395 W

3396 Kc

3402 Ba

3408 Li

3409 Sl

3414 Or

3415 Gc

R

3420 H

3503 M

3515 Ji

3533 P

3550 U

TWEN

south

of F

1936

It's Gately's

For
Clothing

on
Payments

Men's Wear

Boys' Wear

Ladies' and
Misses'
Ready-to-Wear

Shoes for All
the Family

Radios

Gately's

Credit
Clothiers

(Detroit)

241 Michigan

CHERRY
2160

"Utmost
Satisfaction
For 66 Years"

GROVE—Contd
646 Michalak John @
654 Schendel Julius W @
655 Vargo Andrew @
Parker Jos
666 Vizachero Dominic filling sta
673 Petkov Geo A @
Koester Chas H
681 Kosman John J @

Seventh intersects

700 Sliwinski Mary Mrs
704 LaFleur Jos R
710 Haggerty Thos E
712 Vacant
719 Steffen Michl @
728 Sietoff Paul W @
729 Nogoski Frank J
735 Valiquette Alvin V
738 Sietoff Millie Mrs @

Wisniewski Edw

746 Valiquette Zoa Mrs @
750 Mercier Theodosia M Mrs @
Spedding Wm R
758 DuChene Henry A
764 Sepulski Anthony @

Eighth intersects

806 Ptack Jacob W
Ninth intersects
MCRB crosses
Eleventh intersects

1120 Schniers Benj H @
Thirteenth intersects
Fourteenth intersects
Fifteenth intersects
Sixteenth intersects
Seventeenth intersects
Eighteenth intersects
Nineteenth intersects
Twentieth intersects
Twenty-first intersects
Twenty-second intersects
Twenty-third intersects
Fort intersects

HARRISON BLVD—From Goddard
rd northwest, first west of
Twelfth
(No houses)

HAZEL—From Electric av west to
River rd, 1 north of Goddard rd
(No houses)

HIGHLAND AV—From Alfred
west to Riverside dr, second
south of Emmons blvd.

263 Christman Wilfred F
285 Grubba Chas H @
293 Hunter Harry B @
295 Coon Steph @
297 Bunte Emil C
298 Morris Wm J @
311 Kralick Jos
313 DeLozier Ralph E
333 Fansler Herman H
Shuba John
334 Smith Thos @
338 Baldwin Morris J @
343 Fulton Francis
343½ Close Eliz Mrs
350 Gillman Roy
363 Quimet J R
365 Kish Jos
366 Hughes Jas @
376 Riedel Oscar W @
384 Hurnevich Victor jr
389 Freiberg Louise Mrs
390 Chowinski John @
391 Young Wm
396 Moore Wm
397 Angerer Chas L @

Fourth intersects

400 Hurnevich Victor jr @
gros and meats
401 Cahalan Drug Stores Inc (br)
427-31 Blackwood Frank meats
427 Simlson Robt
547 Peters Andrew @
547½ Estey Wm B

Sixth intersects

603 Smith Wm M
610 Wilcox Elaine Mrs nurse
Jeffrey Jos J
611 Kralick John
615 Jacobson Harold K
624 Smalley Ronald L
632 Reed Jesse E
637 Todd Jas R
652 Dennis Earl A @
660 Lawson Alex M @

668 Meyer Robt
674 Dominick Stanley
Langlo Lars
681 Ince Geo E
701 Churchill Lee
708 Granke Fred R @
715 McIver Lauchlin H @
729 Tomlinson Willard G
735 Jardine Ross J
750 Olms Wm

HILLSDALE AV—From Adams
west to MCRB, 1 south of Gro
559 LaFleur Leo E

Sixth intersects

Seventh intersects

Eighth intersects

Ninth intersects

HUDSON AV—From 1500 Blad
av west to Eleventh

114 DeMaggio Wm
115 Perigo Oscar
115½ McDonald Edw L
132 Botticher Herman
133 Horn Harry E @
139 Conant Charlotte Mrs @
140 Hoffman Martin @
146 Milewski Alex @
147 Noel Louis R @
Neilsen Aksel
151 Bossardet Fred @
152 Hodges Reginald B
158 Matuzwaski Zigmund @
164 Bialoy Peter @
Erdody Michl

168 Yops Margt @
174 Thomas Chas E
180 York Harry L @
188 Roberts Don T
192 McCummings Wm @
198 Cooper Geo M @
se cor J B Ford School

Second intersects

208 Clark Thos @
215 Kraft John
218 McElachran Roy @
221 Thomas Geo B
226 Berlinski Anthony @
232 Hummel Roy J
Quirk Steven R
233 McKaig Archie
236 Fredericks Frank @
238 Witkowski Henry C
242 Simpson Alex
244 Schwochow Wm F @
245 Raymond Jas E @
250 Braganzzer Jos @
251 Labadie Antoine J
256 Sidebottom Etta Mrs @
257 Hilley John A @
262 Sharkey Luke
263 Bullard John W @
268 Armstrong Jack S
269 Loszewski Theo
274 Conrad Wm
275 Spas Nicholas
280 Richards Eric W
281 Sidebottom Harold C
286 Lange Paul B @
292 Witkowski Stanley @
293 Rikaczski Mikolaj

McKinley av intersects

302 LaBeau Abr @
303 LaBeau Danl P @
309 Baronn Andrew
Kasnicki Adam
314 Galate Saml @
315 Colwell Roscoe S @
320 Amoto Saml
Evola Marie Mrs
321 Voss Wm @
Fetters Irvin W
326 Petrosky Geo @
Cseh Frank
327 Wittman John
332 Frankhouse Lucile Mrs @
Sigl Karl
333 Lewis Wm @
338 Frankhouse Sarah Mrs @
339 Lewis Ernest @
344 Randazzo Jas @
Parkay Vincent
351 LaBeau Harold
356 Lubu Saml @
357 Hodnicki Stanley @
362 Webb Everett G
Dunn LeRoy
363 Pitman Geo B @

NEON LAMP SIGNS

Metal :
SERVICE 424 Eureka

WYANDOTTE DIRECT

669 Cottone Dominick
DeMaria Vito
MCRB cr
Fifth inter

651 Wisniewski Anthony
655 Pawelczuk John @
Sixth inter

668 Wleczorek Alex @
674 Kallistawicz Alex @
675 Farmer Anna Mrs @
677 Fall Lyle @
678 Brayman Vernis
682 McGee Lester L
683 Steinka Herbert H @
687 Maciag Walter
Lindbergh inter

689 Baker Jos M @
Seventh inter

732 Barber Alphonse @
741 Warman Francis W @
Dombrowski Jos
Eighth inter

811 Hierliky Edw R @
Cora inter
Electric av inter
Tenth inter

1015 Vacant
1058 Brewster Jas P @

JAMES AV—From Perry pl
to Goddard rd, first east o
RR
(No houses)

KINGS HIGHWAY—From J
west to Riverside dr, first
of Emmons blvd

236 Classon Fred W @
241 Haggard Forrest R
248 McFarlane John A @
257 Loekner Frank L @
262 Metzler Saml J
276 Hamilton John E @
279 Armstrong Jas @
282 Keahn Geo L @
283 Kronjaeger Stewart @
284 Kinder Edgar A
290 Kilian Fred @
293 Johnson H Ralph @
298 Caruso Fredk
299 Eglad Saml
304 Stokes Wm V
305 Vacant
311 Bell Geo S
Wilson Chas @
318 Partch Louis E @
319 Gougeon Andrew E @
328 Wagner Calvin F
327 Knight Robt H
332 Fritz Chas J @
341 Knight Robt H
346 Coleman Robt L
347 Parker Geo E
350 Vacant
353 Bible Alston D @
354 Snell Asher L
360 Seewald John R jr
Rosecrans Donald J @
365 McWhirter Eliz M Mrs
368 McCombs Geo W @
369 Riddle Raymond @
375 McCormick Geo B @
380 Kolb Frank J @
383 McWhirter Edw F
389 Pound Presley L
394 Wagner J Ralph @
395 Beaker Frank A @
Dempsey Steph

Fourth inte

407 Kelly Peter F @
408 Landis Garman
411 Harnish Phares
418 Blackson Earl L @
419 Masten Henry G @
424 Robinson Saml T @
433 Goodwin A Fred @
440 Hawkins Wilfred @
Kelly Richd

1940

MERCURY ZEPHYR LINCOLN V-8 TRUCKS

**GORNO BROTHERS, Inc.**

AUTHORIZED DEALER

Phone Trenton 0515

2100 West Jefferson Ave.

Trenton, Michigan

(1940) R. L. POLK & CO.'S

THIRD—Contd

3234 Barraco Josephine Mrs fish
3235 Beebe Lena Mrs
3241 Keonway Mary Mrs @
3244 Vacant
3246 Vacant

Eureka av intersects

3310 Henke Deuward M
3313 Hymer Theo
Lautenschlager Chas H @
Janex Paul

3325 Parish Henry A @
3335 Wesolowicz Edw

Souden Harry
3337 Kotronis Thos

3354 Silvassy Paul @

Orange intersects

3423 Stahlman Geo E
3426 Dumont Wm A
3432 Meyers Wm @
3435 Fountain Roland L
3443 Meyers Margt Mrs @
Connolly Mildred beauty shop

3451 McGunagle Arth jr

3455 Harrison Mildred Mrs

Pine intersects

3504 Hammes Roger
3522 Hennard Sophie C Mrs @
3535 Rushlow Clarence
3540 Bartnicki Vincent
3542 Kowalski Vincent @
3544 Beaudrie Prosper @
3549 Vacant

Cherry intersects

3616 Carroll Della M Mrs @
3634 LaPan John @ bldg contr
3640 Alger Hal W @
Antean Albert

3646 Markovits John @
Randall Oscar

3654 Corrigan John P jr

3658 Corrigan John P jr restr

Plum intersects

3704 Neifert Geo A @
3708 Community Barber Shop
3716 MacLellan Neil

**THIRTEENTH—From Goddard rd
south to Pennsylvania av, 4 west
of Electric av (Unopened from
Ford av to Eureka av)**

Bauney av intersects

1562 Kröger Wm E @

Antoine intersects

1702 Merritt Harley S @

1716 Sharlow Grace Mrs @

Engelder Alf C

1744 Ranka Irvin

1751 Rice Clifton L

1756 Watts Geo H @

1820 LaCombe Geo N @

1849 Sharlow Edgar

Ford av intersects**Eureka av intersects**

3325 Psutka Jos F

3326 Magolan John P @

3334 Romanowski Albert @

3337 Chmura Martin @

3342 Burzynski Thos @

3343 Napierkowski Jos @

3351 Wisniewski Gustave

3352 Freier Frank C @

3355 Zimmer Casper M @

3358 Zyjewski Cath Mrs @

3366 Lanier Richd

3367 Marshall Victor @

3374 Zakiewicz Ignatz

3375 Rutkowski Alex @

3379 Szymborski Walter @

3382 Niedbalski Stanley @

3385 Ploeger Edgar T @

3388 Beck Victor J @

3391 Guzenda Mary Mrs @

3398 Griggs Elmer

3399 Groat Pauline Mrs @

3403 Kostecki John @

3409 Perham Olympus

3415 Kowalczyk Jos

3421 Jarosz Thos @

Pine intersects

3480 Schock Eliz Mrs @

3502 Beck Anthony @

3524 Pruce Fred

Lee ends

3533 Chmielewski Frank @

3553 Ulevich Geo @

Cherry intersects

4063 Jakuboski John

Orchard intersects**Grove intersects**

4415 Vacant

4427 Cole Lester J

4439 McGinnis Edgar S

4463 Hope Harry

Stignace av intersects

**TWELFTH — From Goddard rd
south to Lee, 3 west of Electric
av**

Bauney av intersects**Antoine intersects****Hudson av intersects**

1503 McBurney Saml D @

Alkali av intersects

1704 Kreger John C @

1710 Graves Carroll L @

1765 Robinson Marshall A @

1815 Stauch Geo G @

Ford av intersects

2030 Wahowiak Ralph F @

Spruce intersects

2110 Placinski Frank @ gro

2128 Doliasz Jos F @

2136 Sliwka Alex @

2163 Pasca Walter @

2169 Golinski Steph @

2181 Klock Karl E

Barrette Wilfred J

Cedar intersects

2210 Wotta Peter @

2222 Szymanski Walter @

McKetta John J

2232 Geniac Ellen Mrs @

2241 Vacant

2242 Geniac Louis J @

2249 Swiderski Stanley @

2257 Balke Carl

2259 Balke Bertha Mrs @

rear Rivard Edw J

Oxford et begins**Mulberry ends****Molino ends**

2339 Bednarek Stanley

2359 Burns Thos J

2361 Burns Adrienne Mrs gro

2383 Etchill Bernard W

2398 Kulas Jos @

Walnut intersects

2404 Pomnichowski Alex @

Orman Walter J

2408 Pomnichowski Albert @

2414 Duperron Abr @ carp contr

2422 Hodge Geo

2433 Sevenski Peter

2451 Sevenski Jacob @

Poplar intersects

2508 Campau Wesley @

2540 Matejoski Jos

Vinewood av intersects

2611 Fisher Howard C

2614 Chojnowski Jos @

2627 Slumski Steph

2647 Prybylski Jerry S gro

Povlich Michl J

Superior blvd intersects**Chestnut intersects****Oak intersects****Elm intersects**

3035 Keck Karl

Maple intersects

3135 Grew Wm

Konwinski Michl A

3137 Taylor Beatrice

Wojnar Michl J

Sycamore intersects

3210 Urbanski Jos @

3235 Papuszkiewicz Cath Mrs @

3243 Kukurka Albert barber

Eureka av intersects

3326 Bodnar Jos @

3327 Zalinski Alex

3332 Schossau Franz

3333 Stock Raymond B

3336 Krzeckowski Wm

3337 Gurzenda Julius @

3342 Grzywnski Victor @

3343 Adler Curtis E

3349 Krolkowski Stanley @

3355 Burzycki Alice Mrs @

3360 Dwornick Stanley @

3361 Wendrowski Stanley @

3366 Nowakowski Rosa Mrs @

3367 Szczepanski Roy @

3372 Kowalewski Wm @

3373 Kaminski Anthony @

3378 Jazylo Cath Mrs @

3379 Malicki Valeria Mrs @

3384 Orazynski Jas @

3385 Domitrz Wm @

3390 Pardo Stanley J

3395 Watkowski Bernice Mrs @

3396 Kowalsczyk John

3402 Balacz Lillian Mrs @

3408 Lukasiewicz Geo @

3409 Slusne Anna Mrs @

3414 Omilian Anna Mrs @

3415 Grybos Paul @

Rashkowski Frank

3420 Zimda Wm

Pine intersects

3503 Gulyas Jos @

3515 Juszt Nicholas @

3533 Ptakiewicz Frank

3560 Ulevich Chas @

3551 Davis Wm @

**TWENTIETH — From Goddard rd
south to Pennsylvania av, 4 east
of Port**

Antoine intersects

1465 Muntz Frank @

Clark intersects**Davis intersects**

1841 Parks Carl L @

1848 Fountain Nelson A @

1874 Shedd Otto F @

Ford av intersects

2056 Bell Norman H @

Ross Donald

2098 Krueger Edw O @

Cedar intersects**Walnut intersects****Vinewood av intersects****Superior blvd intersects****Ash intersects****Chestnut ends**

2836 Moehring Wilbur E @

Oak intersects**Elm ends****Maple intersects**

3110 Jefferies John @

3114 Poleski Earl G @

3184 Urbanski Stanley @

Dee ends

3190 Wilgus Leland P @

Sycamore ends

3218 Gouth Johannes @

Eureka av intersects

3326 Philport Clyde E @

3327 Hellshorn Richd J @

3334 Kennedy Jos J @

3340 Angebrandt Frank @

3346 Rose Harry E @

3356 Yuill Wm A @

3371 Brohl Edw J

3374 Bittorf Emma M @

3401 Wilson Robt J

3416 Luckock Arth W

3424 Vick Edw J

3434 Robinson Philip @

3440 Smith J Warren

3452 Cullen Wm J @

Pine intersects**Orchard intersects****Grove intersects****Marshall av intersects**

1940

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GODDARD ROAD—Contd

826 Vacant
835 Fodo Frank ☉
862 Kish Steph ☉
 Kish Alex

Cora intersects

906 Toth Alex M ☉
1008 Baffle Jos J ☉

Ninth intersects

Electric av intersects
Tenth begins (not open)

1126 Roth Flora E Mrs ☉
Twelfth begins (not open)
Harrison blvd begins
Thirteenth begins (not open)
Fourteenth begins (not open)
Fifteenth intersects
Sixteenth begins (not open)
Seventeenth begins (not open)
Eighteenth begins

River rd ends
Eleventh begins

1807 Vicchio Carol ☉
1937 Vacant
2017 Bertschinger Louis ☉
Twenty-first begins
Twenty-second begins
Twenty-third begins
Fort intersects

Nineteenth begins

Twentieth begins

Twenty-first begins

Twenty-second begins

Twenty-third begins

GOODELL—From 1100 Biddle av west to DT&IRR

70A Pagano Jas ☉
138A Zindler Leo J Rev

First intersects

224A Slagle Wm H ☉
 Desmond John E

Second intersects

224A Slagle Wm H ☉
 Desmond John E

Third intersects

McKinley av begins
DT&IRR crosses

GROVE — From 4000 Biddle av west to Fort (not open between Ninth and Eleventh, also between Eighteenth and Fort)

425A Foster Pauline Mrs ☉
429 Bisilne Raymond W
438A Affholter Bros Creamery
452 Christie Louis J
462 Raubolt Henry J ☉
466A Raubolt Henry J gro
514 Vargo Bertha Mrs ☉
524A McCloskey Lucia Mrs ☉
527 James Jos ☉
533 Darago Jos J ☉

Albion av begins

634 Baranski Albert
538 Zdanski Stella Mrs
544 Varmett Abram
548 Wahl Jos
556A Bylinski Jos ☉
 Kadlubowski Stanley
562A Johnson Raymond V
563 Mead Alfred
569A Seely Jos ☉
573 Vacant
577 Kroll Michl P

Sixth intersects

622 Oliver Robt W
624 Kwiatkowski John ☉
 Kwiatkowski Adam
 Krogol Walter
634A Moss Jane M Mrs ☉
641 Ferenc Jos
643A Astalos Steph ☉
646A Mahalak John ☉
652 Vacant
654 Campeau Jas W
655A Vargo Andrew ☉
 Chaplicki Anthony
656A Boucher Robt
658 Haubrick Saml W
666A Vizachero Dominic filling sta
 Vizachero Mary Mrs gro
673A Koester Chas H ☉
681 Kosman John J ☉

Seventh intersects

700 Jeter Saml
704 Francis Roy
710 Kuhn John A ☉
712 Dittner Peter
719 Steffen Michl ☉
728A Siedoff Paul W ☉
 Maddox Jack
729A Nogoski Frank J
735 Valiquette Arth J ☉
738 Doyle Jas ☉
 Wisniewski Edw
739 Altus Norman junk dlr
746 Barringer Floyd
750 Mercier Theodora M Mrs ☉
 Spedding Wm R
756 Cornhill Jack
758A DuChene Henry A ☉
764A Sepulski Anna Mrs ☉

806 Stoddard Harold
(Not open between Ninth and Eleventh)

1120 Benoist Henry R ☉
Thirteenth intersects
Fourteenth intersects (ss not open)
Fifteenth intersects (ss not open)
Sixteenth intersects
Seventeenth intersects
Eighteenth intersects (not open)
(Not open between Eighteenth and Fort)
Nineteenth intersects (not open)
Twentieth intersects (not open)
Twenty-first intersects (not open)
Twenty-second intersects (not open)
Twenty-third intersects (not open)
Fort intersects

Eleventh ends

Twelfth intersects

Thirteenth intersects

Fourteenth intersects

Fifteenth intersects

Sixteenth intersects

Seventeenth intersects

Eighteenth intersects

Nineteenth intersects

Twentieth intersects

Twenty-first intersects

Twenty-second intersects

Twenty-third intersects

Fort intersects

City limits

HAZEL—From Electric av west to River rd, 1 north of Goddard rd (not open)
River rd intersects (not open)

HIGHLAND AV — From Alfred west to Riverside dr, 2 south of Emmons blvd.
283A Christman Wilfred F ☉
271A Sullivan Frank A
277A Marunick Robt N ☉
285 Grubba Chas H ☉
293 Tobias Carl M ☉
295A Coon Steph ☉
297A Westersen John C
298A Morris Wm J ☉
304 Gistler John H ☉
311 Kralick Jos M
313 Hillman Frank
333A Hinders Jas T
 Hickman Myrtle
334A Smith Thos ☉
338A Baldwin Morris J ☉
343 Bernard Bartley
347 Horn Leonard H ☉
355A Fansler Herman H ☉
360A Gillman Roy ☉
363 Vacant
365 Bellville Vern L
366 MacLellan Donald S ☉
376A Riedel Oscar J ☉
383 Badenmiller Chester L ☉
384A McClain Clyde ☉
389A Edgington Harold L
390 Chowinski John ☉
391A Beach Edwin
396A Moore Geo W ☉
397A Angerer Cath Mrs ☉

Fourth intersects

400A Hurnevick Victor Jr ☉ gros and meats
401A Cahalan Drug Stores Inc (br)
427-31A Blackwood Frank meats
430 Vacant
476 Finazzo Anthony J ☉
485 Bouly Bernard ☉
Courtley Lyman

GARTNER HA

SINCE

INDUSTRIAL SUPPLY

FLOOR COVERINGS — H

3250-54 Biddle Ave. (Wyandotte)

WYANDOTTE DIRECTORY

490A Schmeler W Jas
498A Fisher Wm B
543 Mason Wm J
547 Sherwood Richd G
547 1/2 Estey Wm

Sixth intersects

603A Verney Robt
610 Jeffrey Jos J
611A Kralick John P
615A Jacobson Harold K
624A Peterson Chas T
632A Reed Jesse E
637A Kerman Wm
647A Meyer Robt F ☉
651 Assenmacher Ralph A ☉
652A Dennis Earl A ☉
660A Lawson Alex M ☉
668 Rogalski Emil L ☉
674A Ringle Henry L
 Angelo Lars
680A Hoffmeins Richd ☉
681A Martin Geo S
686A Philip Carl ☉
700A Semetko Wm F ☉
701A Churchwell Lee F ☉
708A Sokolowski Larry A ☉
715A McIver Lauchlin H ☉
720A Jerome Andrew A
734A Woods Jas H ☉
735A Bauer Philip C ☉
750A Olms Wm R ☉

Riverside dr intersects

HILLSDALE AV—From 4100 Albion av west to DT&IRR, 1 south of Grove
559 LaFleur Leo E

Sixth intersects

Seventh intersects

741 Opoka Walter J
 Bajkiewicz Alex

Eighth intersects

Ninth intersects (not open)
DT&IRR crosses

HUDSON AV—From 1500 Biddle av west to Eleventh (not open between 369 and Antlone, also between Electric av and Tenth)

114 Vacant
115 Vacant
115 1/2 McDonald Edw L
132 Sidebottom Harold H ☉
133 Horn Harry E ☉
139 Conant Jas ☉
140 Hoffman Martin ☉
146A Milewski Alex ☉
147 Noel Louis R ☉
151A Bosserdet Fred ☉
152A Hodges Reginald B
158A Matuzowski Zigmund ☉
164 Bialoty Peter ☉
168 Dintson Chris G
174 Kasnicki Adam
180 Finazzo Nicholas
188 Hornbeck Robt C ☉
192 McCummings Wm ☉
193A Cooper Margt Mrs ☉
se cor J B Ford School

Second intersects

208A Clark Thos ☉
215 LaBelle Howard
218 McEachran Roy J ☉
Schwochow Wm
221 Thomas Geo D
226 Berlinski Steve ☉
Lesinski John A

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THIRTEENTH—From 1300 Goddard rd south to Pennsylvania av (not open between Goddard rd and Antoine, between Ford av and Eureka av, also between Cherry and Orchard)

Baume av Intersects
Antoine Intersects

1562A Kregor Wm E @
1702A Merritt Harley S @
1716A Davis Vas @
1725A Doney Wesley T @
1733A Seay Geo F @
1743A Saucier Alex J @
1744A Ranka Irvin C @
1771A Tucker Hazen E @
1776A Watts Geo H @
1772A Baendollar Marion T @
1804A Schendel Edw H @
1820A LaCombe Geo N @
1845A Cox Robt B @
1855A Marty Chas R
Dodge Otis L

Ford av Intersects
(Not open between Ford av and Eureka av)
Eureka av Intersects

3325 Sutka Jos F @
3326 Magolan John P @
3334 Romanowski Albert @
3337 Sinclair Robt T @
3342 Burzynski Thos @
3343 Napierkowski Jos @
3351 Stumski Helen Mrs @
3352 Zimmer Jos N @
3355 Zimmer Casper M @
3358 Zyjewski Cath Mrs @
3366 Koslowski Chas @
3367 Marchel Victor @
3374 Zakiewicz Ignatz @
3375 Rutkowski Alex @
3379A Szymborski Walter @
3382 Modzelewski Walter
3383A Ploeger Edgar T @
3388A Bozynski Henry S
3391A Hanera Michl @
3398 Laginess Sue Mrs
3399 Groat Pauline Mrs @
Miltz John M Jr
3403 Kostecki John @
3408 Farnsworth Jas W @
3409 Orzdyn Victor @
3415 Zajkowski Stanley
3421 Jarosz Thos @
3480 Schock Elitz Mrs @

Pine Intersects

3502 Eden John @
3509 Sizemore Steve F @
3515 Kowalczyk Jos F @
3524 Nerowski John @
3533 Lantz Jos J @
3553 Chansler Claude @

Lee ends
Cherry ends
(Not open between Cherry and Orchard)
Orchard Intersects
Forest ends (not open)
Grove Intersects

4063 Jakubowski John
Marshall av Intersects (not open).
Ludington av Intersects

4415 Allen Peter A @
4427 Gering John
4439 Farmer Wm B
4463 Hope Harry G
Stignace av Intersects (not open)
Pennsylvania av Intersects

TWELFTH—From 1200 Goddard rd south to Lee (not open between Goddard rd and Antoine)

Baume av Intersects (not open).
Antoine Intersects (not open)

1503A McBurney Saml D @
1559A Ralney Geo @
1704A Kregor John C @
1716A Graves Lillian Mrs @
1718A Robinson Leonard @
1730A Barnes Velve O @

Alkali av Intersects

1765A Birdsall Oscar M @
1808 Lewis Phineas J P @
1815A Stauch Geo G @

Ford av Intersects

2030A Wahowiak Ralph F @
2103A Placinski Walter J
2110A Grendel Edwin M
2123A Dollasz Jos F @
2136 Slivka Alex @
2163 Pasca Walter @
2169A Gollinski Steph @
2181A Ohmura Stanley @
Syskowski John

Spruce Intersects

2202A Wotta Rose Mrs @
2210 Wotta Peter @
2222 Szymanski Walter A @
Benash Peter
2232 Geniac Ellen Mrs @
2241 Sierotowicz Michl @
2242A Geniac Louis J @
2249 Swiderski Stanley @

Cedar Intersects

2257 Regan Bernard J
2259 Belke Bertha Mrs @
2339A Bednarek Stanley @
2359A Burns Thos J @
2361 Vacant
2383 DuWardin Ervin
2398 Olsztyr Henry J @

Oxford et begins

Mulberry ends

Molino ends

2404A Pomnichowski Alex J @
2408 Pomnichowski Albert @
2414 Duperron Abr @
2422 Dashe John @
2433 Sevanski Peter L @
2441 Szchodowski Walter
Reynauld Clarence

Walnut Intersects

Poplar Intersects

2508 Campau Wesley @
2536 Moore Geo N
2540 Matejowski Jos
2611 Romatowski Frank
2614 Chojnowski Jos @
2627A Dudzinski Walter J @
2647A Prybylski Jerry S gro

Vinewood av Intersects

Superior blvd Intersects

Chestnut Intersects

Oak Intersects

Elm Intersects

3085 Eggers Lemuel
Stockline Edw A
3135 Grew Wm A
Cohon Carl R
3137 Napiwocki Eug J
Alley Leslie

Maple Intersects

3210 Urbanski Jos @
3235 Papuszkiewicz Cath A Mrs @
3243 Kukurka Albert Barber

Sycamore Intersects

Eureka av Intersects

3326A Bodnar Jos @
Kakoczkie Jas L
Palicz Aug
3327 Modzelewski Stanley M
3332 Schossau Frank
3333 Stock Raymond B
3336 Krzekowski Wm @
3337A Gurzenda Julius @
3342 Kush Helena C Mrs
3348 Micahel Jos
3349 Krolkowski Stanley @
3355 Burzycki Alice Mrs @
3360A Dwornick Stanley @
3361A Wendrowski Stanley @
3366 Nowakowski Rosa Mrs @
3367 Szczepanski Roy @
3372 Kowalewski Wm @
3373 Kaminski Anthony J @
3378 Jezyo Cath Mrs @
3379 Malicki Valeria Mrs @
3384A Oraczynski Jas @
3385 Domitz Wm @
3390A Pomnichowski Frank

GARTNER I

INDUSTRIAL
FLOOR COVERINGS

3250-54 Biddle Ave. (Wyandotte)

WYANDOTTE DIRECTO

3395A Watkowski Bernice Mrs @

3396A Kowalczyk John @

3402 Balacz Lillian Mrs @

3408A Lukasiewicz Geo @

3409 Slusne Anna Mrs @

3414 Omilian Anna Mrs @

3415 Grybos Paul @

AGlebel Arnold H

3420 Zmuda Clementine Mrs @

Pine Intersects

3503 Gulyas Jos @

3513 Juszt Nicholas @

3533A Plaskiewicz Frank @

3550 Martin Dale F

3551 Davis Wm @

Lee Intersects

TWENTIETH—From Goddard rd south to Pennsylvania av (not open between chard and Pennsylvania av)
Antoine Intersects (es not or

1460 Johnson Alf @

1465 Vacant

1470 Park Earl W @

1473 Vacant

1488 Reininger Jos @

Czadzek John L

1493 Prosje Richd

1496A Kincaid Everett R Jr @

1611 Funston Herbert L @

1618A Sheer Walter J @

1626 Schwendeman Lee E @

1642 Paludetti Louis @

1653A Broughton Morgan C @

1667A Rambo Arth I @

1668 Liss John A @

1674 Downing Dorothy

1682 Kiraly Julius @

Clark Intersects

1707A Andrews Cecil B @

Davis Intersects

1832A Rygert Ensley P @

1833A Cooper Frank R @

1838A Atkinson John H @

1841A Parks Carl L @

1848A Fountain Nelson A @

1849A Salliotte Geo E @

1857A Fink Dorothy Mrs @

1865A Rosenkotter Arth @

1873A Patalan Edw J @

1874A Lodge Robt N @

1881 Rushlow Jas A

1889 Cwik Walter J @

Ford av Intersects

2056A Bell Norman H @

Singer Bernard

2093 Kreuger Edw O @

Cedar Intersects

Walnut Intersects

Vinewood av Intersects

Superior blvd Intersects

Ash Intersects

2792A Nelfert Geo A @

Chestnut Intersects

2802 Welter Justin J @

2803 Sieg Michl J @

2818 Barnicki Aloysius S @

2828 Reynolds Leonard S @

2836 Moehring Wilbur E @

Oak Intersects

2936A Eggl Howard F @

2948 Vacant

2956 Sabourin Cecelia H @

Elm Intersects

Maple Intersects

3110A Jeffries John C @

3114A Poleski Earl G @

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13TH—Contd

1262 Deneau Edw J *
1263A Zimsky Stanley P *
1270A Moir Danl H *
1271A Pagano Richd L *
1279A Blakeslee Benj A *
1280A LaMond Helen E Mrs
A Konczal Jos J *
1287A Sherman Leo T *
1288A Baxter Clarence *
1294A Kasper Rose M Mrs *
1295A Cabell Kermit *
1310A Taylor David J *
Antoine intersects
1404A Kearney Lawrence *
1405A DeJack John A *
1412A Mowers Ralph P *
1415A Eriksen Gerald W *
1420 Glore Theo *
1423A Pangrazzi Karl S *
1428A Church Gordon *
1431A Sheridan Jos *
1439A Phillips Peter D *
1440 Herron Geo H
1447A Ramlow Wm C *
1448 Dillard Douglas *
1455A Davis Chas W *
1456A Lipinski Walter *
1466A Schweiss Ralph *
1477A Michalak Walter L *
1484A Kovats Louis H *
1487A Spader Walter *
1495A Nicholson Anthony R *
1501A Dembinski Edw F *
1511A Schoemer Frank K *
1512 vacant
1520 McHenry Harry *
1525A Flalka Jos *
1538A Hayes Albert L *
1533A Sera Steph jr *
1536 Few Isabelle Mrs *
1546A Hudson John S
1553A Blake Albert P *
1562 Kreger Wm E *
1569A Swenson Ross L *
Alkali av intersects
1702A Merritt Harley S *
1716A Davis Jas N *
1725A Doney Wesley F *
1733A Seay Geo F *
1743A Duclo Howard E *
1744A Sielski Leo *
1751A Tucker Hazen E *
1756 Kozlowski S J *
1772A Witt Ladislaus J *
1773A Feldpausch Donald H *
1792A Pinson John L *
1795A Fusco Frank P *
1804A Schendel Edw H *
1812A Helgesen Thos
1814A Catlin Virgil G
1820A LaCombe Geo N *
1849A Stahl Eug R *
1855 Dahlka Jack V

A Lutz John H

Ford av intersects
(Not open between Ford av
and Eureka av)

16

Eureka av intersects

3325A Sutka Jos F
3326 Willetts Alf J
3334 Romanowski Albert *
3337A Sinclair Robt T
3342A Burzynski Thos *
3343 Napierkowski Jos *
3351A Burzynski B Chester
3352A Zimmer Jos N *
3355 Zimmer Anna Mrs *
A Schuck Fred J
3358A Zyjewski Kath Mrs *
3366A Izbicki Andrew *
3367A Marchel Victor *
3374 Zakiewicz Ignatz *
3375 Rutkowski Alex *
3379A Szymborski Walter *
3382A Beck Anthony J *
3385A Ploeger Edgar T *
3388A Holder Harold R *
3391A Hanera Michl *
Guzenda Stanley
3398A Farnsworth J W *
3399A Groat Pauline Mrs *
Miltz John M jr
3403A Kostecky John *
3408 McCarty Robt
3409 Olrztyr Victor S *
3415A Zajkowski Stanley
3421 Jarosz Sophia Mrs *
Pine intersects
3502A Cross Atlas H *
3509A Monthei Ernest *
3515 Kowalczyk Jos F *
3524A Nerowski Anna
Mrs *

Bronowicz Jos F
3553A Chansler Claude *
Lee ends

17

Cherry ends

(Not open between Cherry
and Orchard)

Orchard intersects

Forest ends

(not open)

Grove intersects

Marshall av intersects

(not open)

Ludington av intersects

4415 Blackwell Asa J
4427 Farmers Andrew
4439 Montau Steve
4463 Kulas Joe

Stignace av intersects

(not open)

Pennsylvania av

intersects



GRI

Tel. Trento

WYANDOTTE DIR

14TH— From 1400 Goddard rd
to Pennsylvania av (not open
between Goddard rd and Alkal
between Ford av and Vinewo
also between Grove and Pen
vania av)

Antoine intersects (no
Alkali av intersects

1704 vacant
1705A Koviak John *
1710A Davidson Geo M *
1711A Smaka Edw W *
1727A Cichowicz Frank J *
1732A Pigott David J *
1752A Cramer Russell P *
1759A Taurence Jerry *
1764A Zamecki Harry R *
1773A Saucier Jos *
1788A Mathais John B *
1789A Roehrig Henry W *
1815A Amiot Gerald J *
1821A Nero Saml A *
1839A Buhl Matthew J *
1842A Tucker Arth D *
1848A Pellot Don C *
1849A Daniels Lloyd G *
1854A Riley Fred L *
1864A Hester Frank L * coil ch

Ford av intersects
(Not open between Ford
and Vinewood av)

Vinewood av intersects
Superior blvd intersect
Chestnut intersects

ws vacant

Oak intersects

2923A Davidko Alex S
2935A Garwolinski Jos A
Elm intersects

3016 Skrychi Andrew
Maple intersects
Dee begins

Sycamore intersects
Eureka av intersects

3325A Knizewski Stanley *
3336A Chandler Emery S
3347A Ensminger Edw R *
3358A Laritz Jos *
3387A Godlewski Sophia Mrs *
3399A Bozynski Hattie Mrs *
3402A Garant Alphonse J *
3408A Cialkowski Lena Mrs *
3435 Richmond Wiley *

Pine intersects

3528A Putz Nicholas *
3529A Leiner Richd *
3530A Stock Raymond *
3544 under constn
3549 under constn
3550 under constn
3557 under constn
3558 under constn

TAIT-POCKRANDT PAINT SERVICE, INC.

AUTOMOTIVE PAINTS AND EQUIPMENT
INTERIOR AND EXTERIOR HOUSE PAINTS
AND WALLPAPER

3868 W. JEFFERSON AVE.

ECORSE

WARWICK 8-6110

EARL A OPTOMETRIST

EYES EXAMINED—GLA
10503 W. Jefferson Ave.

1970

BABCOCK BROS. SALES, Inc.

10268 W. JEFFERSON AVE.

TEL. VINEWOOD 1-1377

DODGE-PLYMOUTH
MOTOR CARS
DODGE Job-Related TRUCKS

RIVER ROUGE, MICH.

EDWIN'S JEWELERS OPTICIANS

"Down River's Leading Jewelers"
EASY CREDIT TERMS

3150 Biddle Ave. (Wyandotte)

Tel. 2398

(1950) R L POLK & CO'S

GODDARD ROAD—Contd

- 952 Kish Alex •
- 959 Spencer Albert W •
- 967 Saules Glenn H •
- 975a Konwinski Jos •
- 979 vacant
- Electric av intersects
- 10th begins (not open)
- 1008a Baffle Jos J •
- 1009a Scott Raymond E
- 1017a Hanlon Alf H •
- River rd ends
- 11th begins
- 1111 Hasselbach Geo C •
- 1125a Davis Howard L •
- 1126a Alley Lester R
- 1130a Drouillard Harold T
- a Spaulding Albert
- Springfield Granville B
- 12th begins (not open)
- Harrison blvd begins
- 13th begins (not open)
- 14th begins (not open)
- 15th intersects
- 1505a Manick Alphonse J •
- 1515a Pawelczyk Stanley •
- 1521a Schafer Edw •
- 1529a Solle Ronald P
- 1537 Miller Kenneth K •
- 1545a Jardine Jas T •
- 16th begins (not open)
- 17th begins (not open)
- 18th begins
- 1807 Vitechio Carl A •
- 1843a Tarjeft Roy M •
- 19th begins
- 1905a Tarjeft Marvin H •
- 1919a Tarjeft Cora J Mrs
- 1937 Murphy Thos •
- 20th begins
- 2017a Bertschinger Louis •
- 21st begins
- 22d begins
- 23d begins
- Fort intersects

GOODELL—From 1100 Biddle av

- west to DT&IRR
- 1st intersects
- 70a Pagano Jas •
- 138a Loehner Bernard Rev
- 2d intersects
- 224a Slagle Wm H •
- 244a Szukiewicz Leon •
- 3d intersects
- McKinley av begins
- DT&IRR crosses

GROVE—From 4000 Biddle av west

to Fort (not open between 9th and 11th, also between 18th and Fort)

425 Gibbons Jos L

- 429a Wood John K
- 438a Affholter Bros Creamery
- 462 vacant
- 466a Raubolt Chas gro
- 514a Vargo Louis E •
- 524a McCloskey Lucia Mrs •
- 527a Galloway Wm •
- 533a Darago Jos J •
- Albion av begins
- 534a Wooten Freida A Mrs
- 538 vacant
- 544 Wilson Cleofus •
- 548 vacant
- 556a Bylinski Jos •
- Brush Albert
- 557 Hannafor Lawrence •
- 562a Johnson Raymond V
- 563a Mead Alf J •
- 569a Seely Jos •
- 573 Burns Geo C •
- 6th intersects
- 622a Wilson Thos W
- 624a Kwiatkowski John •
- Kwiatkowski Adam B
- 634a Moss Jane M Mrs •
- 641 Ferenc Jos
- 643a Astalos Steph •
- 646a Mahalak John •
- 652 vacant
- 654 Olin Maurice W
- 655a Vargo Andrew A •
- 656a Boucher Robt A
- 658a Jagiello Robt H
- 666a Vizachero Dominic
- filling sta
- a Vizachero Mary Mrs
- gro
- 673a Koester Chas H •
- 681a Kosman Helen Mrs •
- 7th intersects
- 700a Jeter Saml E
- 704a Sauer Phillip C
- 710a Schossau Frances Mrs
- 712a Dittner Peter P
- 719 Steffen Michl J •
- 728a Sieloff Paul W •
- 729a Shelton Thad
- 735 Saunders Hayward C
- 738 Doyle Jas M •
- a Dumsick Henry C
- 739 vacant
- 746a Weldi Andrew
- 750a Mercier Theodosia M Mrs •
- Spedding Wm R
- 756 Belisle Alex P
- 758a DuChene Henry A • int dec
- 764a Sepulski Anna Mrs •
- 8th intersects
- 806a Stoddard Harold •
- 9th intersects (not open)
- (Not open between 9th and 11th)
- 11th ends

WYANDOTTE INSURANCE AGENCY

HARRY G. ROUSE
REAL ESTATE AND INSURANCE

2847 Biddle Ave.

Tel. 0895 - Res. Tel. 0896

FRANK CZOPEK

Distinctive Fr

2157 Oak St. Cor. 22nd (Wyandotte)

WYANDOTTE DIRECTORY

GROVE—Contd

- 1120a Benoit Henry R •
- 13th intersects
- 14th intersects (ss not open)
- 15th intersects (ss not open)
- 16th intersects
- 17th intersects
- 18th intersects (not open)
- (Not open between 18th and Fort)
- 19th intersects (not open)
- 20th intersects (not open)
- 21st intersects (not open)
- 22d intersects (not open)
- 23d intersects (not open)
- Fort intersects

HARRISON BLVD—From Goddard rd

northwest beyond city limits, 1 west of 12th

(No houses)

City limits

HAZEL—From Electric av west to

River rd, 1 north of Goddard rd (not open)

River rd intersects (not open)

HIGHLAND AV—From Alfred west to

Riverside dr, 2 south of Emmons blvd

- 263a Caruso Carl R jr •
- 271a Baker Geo O •
- 277a Borne Eleanor Mrs •
- 285a Emond Byron W •
- 292a Sidebottom Glenn •
- 293a Tobias Carl M •
- 295a Coon Steph J •
- 297a Wietersen John C
- 298a Jarvis Chester T
- 304 Gishler John H •
- 311a Young Chas H •
- 313 Byrd John
- 333a Beaker Raymond
- a Hickman Mearle T
- 334a Smith Thos •
- 338a Baldwin Morris J •
- 343a Bernard Bartley J •
- 343a O'Connor Dorothy Mrs
- 347a Horn Leonard H •
- 355a Fansler Herman H •
- 360a Gillman Roy B •
- 363a May T Breiel
- 365 Bellville Vern L
- 366a MacLellan Donald S •
- 376a Riedel Oscar J •
- 383a Bodenmiller Chester L •
- 384a McClain Clyde •
- 389a Edginton Harold L
- 390a Chowinski John •
- 391a Hedrick Steph M

Ecorse Body & F

SPECIALIZING IN ALL KINDS

BEE LINE SYSTEM OF STRAIGHT WHEELS, AXLES AND

3965 W. Jefferson Av, Ecorse 18, Mich. Tel.: Dunki

1950

Ridge Funeral Home

AMBULANCE SERVICE

R. W. RIDGE, Funeral Director

Telephones Trenton 0240 and 0999

LOWRIE LUMBER

Lumber - Builders' Supplies - Curtis Woodwork

4th and Mulberry, Wyandotte

WYANDOTTE DIRECTORY OF HOUSEHOLDERS (:

(1954) R. L. POLK & CO'S		WYANDOTTE DIRECTORY	
Wm L	1271A Pagano Richd L @	1772A Witt Ladislaus J @	13TH-Contd
G @	1279A Blakeslee Benj A @	1773A Feldpausch Donald H @	3345A Lee John T @
Wm	1280A Astle Milton A @	1781A Charron Wm J @	3553A Lemberg Jimmy @
B @	1287A Sherman Leo T @	1782A Fines Chas H @	Lee ends
Mrs @	1288A Baxter Clarence E @	1792A Pinson John L @	17
Jacob	1294A Kasper Rose M Mrs @	1795A Fusco Frank P @	Cherry ends
@	1295A Cabell Kermit F @	1801A Barron Allen E @	(Not open between
1 @	1303A Lesinski Peter F @	1804A Bott Edmund T @	Cherry and
ski	1310A Taylor David J @	1809A Ridley Edw J @	Orchard)
@	1311A Weglian John H @	1812A Bensman Lawrence S @	Orchard intersects
l @	1404A Kearney Lawrence J @	1814A Cenko Moses @	Forest ends (not
@	1405A Keast Leonard J @	1820A LaCombe Geo N @	open)
Sophie	1412A Mowers Ralph P @	1821A Alabrodzinski Vic-tor @	Grove intersects
lian @	1415A Eriksen Gerald W @	1829A Jose Bruce H @	Marshall av in-
Geo	1420A Klenczar Emil C @	1834A Edwards Alva K @	tersects
@	1423A Martin Howard S @	1837A Pollock Andrew W @	(not open)
entine	1428A Church Gordon W @	1843A Mickel Paul L @	Ludington av in-
sects	1431A Sheridan Jos @	1846A Cichocki Leo J @	tersects
n N @	1439A Philip Peter D @	1849A Stahl Eug R @	Stignace av in-
las @	1440A Herron Geo H @	1855 Vacant	tersects (not
Frank	1447A Sisan Andrew @	1856 Vacant	open)
s @	1448A Dillard Douglas @	1866A Truskowski Alex N @	Pennsylvania av
ski R	1455A Davis Chas W @	1869A Bailey Elton E @	intersects
P @	1476A Schwiess Chas W jr @	1869A Bailey Elton E @	14
e Mrs	1477A Michalak Walter L @	1869A Bailey Elton E @	14TH-From 1400 Goddard
M @	1484A Kovals Louis H @	1869A Bailey Elton E @	rd south to Pennsylvania
sects	1487A Spader Walter O @	1869A Bailey Elton E @	av (not open between
14	1490A Hayes Kenneth M @	1869A Bailey Elton E @	Goddard rd and Alkali
Goddard	1495A Przybylski Edwin W @	1869A Bailey Elton E @	av also between Grove
nsylvania	1498A Gendron Wm J @	1869A Bailey Elton E @	and Pennsylvania av)
tween	1501A Dembinski Edw F @	1869A Bailey Elton E @	Antoine inter-
reka av,	1504A Mills Wm E @	1869A Bailey Elton E @	sects (not open)
herry	1511A Koch Fredk @	1869A Bailey Elton E @	Alkali av inter-
l J @	1512A Kunze Wm A @	1869A Bailey Elton E @	sects
dike T @	1517 Thompson Leslie @	1869A Bailey Elton E @	16
iw W	1520A McHenry Henry @	1869A Bailey Elton E @	Eureka av inter-
rrison J	1525A Talka Jos E @	1869A Bailey Elton E @	sects
Robt @	1528A Brown Dayton @	1869A Bailey Elton E @	3325A Chesney Anthony @
ld A @	1533A Sera Steph jr @	1869A Bailey Elton E @	3326A Gross Rose Mrs @
rth E @	1538A Frew Isabel Mrs @	1869A Bailey Elton E @	3334A Romanowski Albert
s E @	1546A Hudson John S @	1869A Bailey Elton E @	3337A Sinclair Robt T
ank @	1547A McShane Bernard T @	1869A Bailey Elton E @	3342A Burzynski Thos @
A @	1553A Blake Albert P @	1869A Bailey Elton E @	3343A Napierkowski
Peter @	1562A Kreger Wm E @	1869A Bailey Elton E @	Bernice Mrs @
@	1569A Swenson Ross L @	1869A Bailey Elton E @	3351 Burzynski Chester D
av inter-	1702A Merriitt Harley S @	1869A Bailey Elton E @	3352A Zimmer Jos N @
anuella	1705A Burke Wayne M @	1869A Bailey Elton E @	3353A Lambert Jas @
Paul P @	1711A Moore John S @	1869A Bailey Elton E @	3355A Zimmer Anna Mrs @
H jr @	1716A Davis Jas N @	1869A Bailey Elton E @	3358A Kilgore Wm V
sd H @	1724A Wisniewski Bill B @	1869A Bailey Elton E @	3366 Ganzberger Dorothy
orman J	1725A Doney Wesley R @	1869A Bailey Elton E @	3367A Machel Victor @
H @	1732A McEhrran Geo E @	1869A Bailey Elton E @	3374 Zakiewicz Ignatz @
P @	1733A Seay Geo F @	1869A Bailey Elton E @	3375 Rutkowski Alex @
mond @	1738A DeStefano Anthony R @	1869A Bailey Elton E @	3379A Szymbroski Walter @
J @	1743A Duclo Howard E @	1869A Bailey Elton E @	3382A Beck Anthony J @
J @	1744A Sielski Leo J @	1869A Bailey Elton E @	3385A Poleger Edgar T @
F @	1749A Marciniak Frank J @	1869A Bailey Elton E @	3388A Holder Harold R @
old E @	1751A Tucker Hazen E @	1869A Bailey Elton E @	3391A Hanera Michl @
inley P @	1756A Kozlowski Stanley J @	1869A Bailey Elton E @	A Kiss Sylvester
H @		1869A Bailey Elton E @	3398A Farnsworth J W @
		1869A Bailey Elton E @	3399A Groat Pauline Mrs @
		1869A Bailey Elton E @	Miltz John M jr
		1869A Bailey Elton E @	3403A Kostecki John @
		1869A Bailey Elton E @	3408 Farnsworth Robt G
		1869A Bailey Elton E @	3409 Olrzyn Victor S @
		1869A Bailey Elton E @	3415A Zajkowski Stanley @
		1869A Bailey Elton E @	3421A Jarosz Sophia Mrs @
		1869A Bailey Elton E @	Pine intersects
		1869A Bailey Elton E @	3502A Harris Ulysses @
		1869A Bailey Elton E @	3509A Monthei Ernest @
		1869A Bailey Elton E @	3515 Kowalczyk Jos F @
		1869A Bailey Elton E @	3524A Andriko Mary Mrs @
		1869A Bailey Elton E @	3533A Laritz Jos @
		1869A Bailey Elton E @	Bronowicz Jos F
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		1869A Bailey Elton E @	

1954

Clinton J. Schwartz

Arthur C. Laetz

Standard Plumbing & Heating

AUTHORIZED CONTRACTORS
35 Years' Continuous Business

VINEWOOD 2-1452

RIVER ROUGE

335 GOODELL

Who
Sells
It?

Is
Answered
by the
Classified
Business
Lists
in this
Directory

GODDARD RD—Contd
1033A Klimaszewski Anna
Mrs @
1043A Silvasy Jos A @
1053A Uszlok Steve @
River rd ends
11th begins
1111A Hasselbach Geo C @
1125A Clark Mary T Mrs @
12th begins
1215 Vacant
1229A Birt Wm S real est
Harrison blvd
begins
13th begins
14th begins (not
open)
15th intersects
1505A Regan John C @
1515A Pawelczyk Stanley @
1521A Podlasko Victor @
1529A Magiera Jos @
1537A Miller Kenneth K @
1545A Jardine Jas T @
16th begins
17th begins
1743A Tarjeft Roy M @
18th begins
1807 Vicchio Carlo @
Scott Harry jr
Bryan Howard R
19th begins
1905A Tarjeft Marvin H @
1919A Fredrick Jas @
1937 Murphy Olga F Mrs
20th begins
2017A Bertschinger Louis @
21st begins
22d begins
23d begins
Fort intersects

18
GOODELL—From 1100
Biddle av west to
DT&IRR
1st intersects
70A Pagano Jas @
138A McCabe James P
Rev
Lentine Peter S Rev
Skiffington Jas E
Rev
2d intersects
224A Slagle Wm H @
244A Szukiewicz Leon W
@
3d intersects
306A Welch Robt H @
329A Pinson Geo N @
McKinley av
begins
DT&IRR crosses

24
GROVE—From 4000
Biddle av west to Fort
(not open between 9th
and 11th, also between
18th and Fort)
425A Kamin Russell J
429A Socia Geo B
438A Affholter Bros
Creamery
462A Raubolt Henry @
466A Raubolt Henry gro
5th intersects
514A Vargo Louis E @
524A McCloskey Lucia
Mrs @
527A Uroda Jos M @
533A Darago Jos J @
Albion av begins
534A Wooten Chas W @
538 Vacant
544 Wilson Cleofus @
548 Wilson Emma

(1954) R. L. POLK & CO'S

556A Bylinski Jos @
557A Gerring Jacob @
562A Christman Virgil
563A Mead Alf J @
569A Seely Jos @
573 Burns Geo C @
6th intersects
622 Krell Harry
624A Kwiatkowski Adam
B @
634A Moss Jane M Mrs @
641A Reed Leslie
643A Astalos Margt
Mrs @
A Astalos Jos F
646A Mahalak John @
652A Affholter Clara
Mrs
654A Machowski Edw
655A Vargo Andrew
656 Kovach Julius
658 Balogh Andie
666A Vizachero Dominic
@ gas sta
Shelton Mary gro
673A Koester Martha
Mrs @
681A Kosman Helen
Mrs @
7th intersects
700A Childress Ernest
704 Vacant
710 Holt Harold
712A Friske Wm A
719A Steffen Michl J @
728A Sietoff Paul W @
Howe Melvin
729A Shelton Thad @
735A Grunwald Arth F @
738 Doyle Jas M @
A Dumsick Henry C
748A Howie H D
750A Mercier Theodosia
M Mrs @
756 Messer Curtis
758A DuChene Henry A @
764A Sepulski Anna Mrs
@
8th intersects
806A Stoddard Harold @
9th intersects
(not open)
(Not open between
9th and 11th)
11th ends
1120A Benoist Mary E
Mrs @
1150 Vacant
13th intersects
1234 Grove Scrap Co
junk
14th intersects (ss
not open)
15th intersects
(ss not open)
16th intersects
17th intersects
18th intersects
19th intersects
20th intersects
21st intersects
22d intersects
23d intersects
Fort intersects

14
HARRISON BLVD—From
Goddard rd northwest
beyond city limits, 1
west of 12th
(No houses)
City limits
14
HAZEL—From Electric av
west to River rd, 1 north
of Goddard rd

1006A Beeler John R @
1007 Vacant
1016 Vacant
1019A Auger Jas W @
1026 Scheestel Harold
S @
1034 Stevenson Roger A
@
1037A Tyrna Ernest P @
1039A McIlvanna Robt @
1042A Callery John M @
1047A Howard Jack D @
1050A Sawu Steph J @
1053A Prush Raymond
L @
1058A Chlystek John @
1063 Vacant
1066A Krowrei Harvey
W @
1071 Vacant
1074A Kuklahan Carl F @
1079 Vacant
1086A Tilk Wm H @
River rd inter-
sects

13
HIGHLAND AV—From
Alfred west to River-
side dr, 2 south of
Emmons blvd
263A Petrick Emeric E
271A Baker Geo O @
McCain Wm D
277 Vacant
285A Emond Byron W @
292A Sidebottom Glenn
@
293A Tobias Carl M @
295A Dickson Geo M
297A Wietersen John C
298A Peterson Robt C
304 Gishler John H @
311A Warren Paul W @
313A Rhinehart D H
333A Beaker Raymond
J

A Halstead Isabel
A Mrs
334A Smith Thos jr @
338A Krahnke Edgar C @
343A Bernard Gladys
Mrs @
343A Burke Cline
347A Horn Leonard H @
352 No return
355A Fansler Herman
H @
360A Gillman Roy B @
363A May T Breiel
365A Bellville Vern L
366A MacLellan Donald
S @
376A Riedel Oscar J @
383A Johnson Gerald V @
384A McClain Clyde @
389A Edginton Harold L
393A Chowinski John @
Pupik Geo
391A Williams Virgie
M
396A Farr Steve J
397A Kuk Mitchell J @
4th intersects
400A Hurnevich Victor
jr @
A Highland Cash Mkt
gros
401A Cahalan Drug
Stores Inc (br)
419A Murdock Wm
Mebolo Onorino
424A Ziegler Keith B @
427-31 Vacant Store
430A Zdunczyk Anthony
L
439A Thomas Walter A @

NL

2544 Biddle

WYA

HIGHLAND AV—Con
442A Ponushis John
456A Pinter Michl
463A Pomeraning E
H @
468A Gougeon Robt
471A Trippensee A
@
476A Buchanan Don
@
477A Egan Howard
485 Apartments
1 Weber Lou M.
2 Healy Nettie
Mrs @
3 McKinney Har
4 Saylor Hubert
Street continued
490A Riggs Harold
493A Caruso Fred
507A Okonkowski E
P @
520A Bobs Quality I
gros
543 Vacant
547 Ross Thos E
547A Estey Wm B
6th intersects
603A Sinon Richd L
610A Jeffrey Jos J
611 Vacant
615A Jacobson Harc
624A Wert Frank E
632A Sanders Jack
Lyle Ernest L
637 Bernard Darre
647A Meyer Robt F
651A Assenmacher
A @
652A Hoffheins Rich
C @
660A Lawson Alex M
667A Davidson John
668A Maddix Russel
647A Lesinski Stanl
F @
675A Zeller Robt A
680 Adams Lloyd @
681A Hawkins Frank
S @
686A Brow Jas O @
700A Semetko Wm F
701A Shodd Walter @
708A Sokotowski Lar
J @
715A McIver Lauchl
H @
716 Lesinski — @
729A Jerome Andrev
734A Woods Jas H @
735A Bauer Phillip
C @
750A Olms Wm R @
751 Harcas Frank @
757A Szczechowski
Walter @
Riverside dr
intersects

HILLSDALE AV—From
4100 Albion av wes

Elsea R

Spe

2322 NORTHLINE
6217 W. FORT ST.

WYANDOTTE DIRECTORY OF HOUSEHOLDERS (1959)

13TH--Contd

1705 Burke Wayne M @ ΔAV2-5524
 1711 Behm Louis W jr @ ΔAV4-5822
 1716 Davis Jas N @ ΔAV2-9084
 Sekmistrz Carol
 1724 Wisniewski Bill B @ ΔAV4-7937
 1725 Doney Wesley F @ ΔAV2-5951
 1732 McEachran Geo E @ ΔAV2-4921
 1733 Buss Kath E @ ΔAV5-9062
 1738 Parrish Chester S @ ΔAV2-8676
 1743 Duclo Howard E @ ΔAV2-4999
 1744 Sielski Leo J @ ΔAV4-7935
 1751 Tucker Hazen E @ ΔAV2-0043
 1756 Kozlowski Stanley J @ ΔAV2-1109
 1765 Under constn
 1772 Witt Ladislaus J @ ΔAV2-4920
 1773 Feldpausch Donald H @
 ΔAV2-6078
 1780 Fines Chas H @ ΔAV4-7922
 1781 Charron Wm J @ ΔAV5-9177
 1792 Pinson John L @ ΔAV2-4922
 1795 Fusco Frank P @ ΔAV2-2825
 1801 Barron Allan E @ ΔAV4-5469
 1804 Bott Edmund T @ ΔAV2-0521
 1809 Ridley Edw J @ ΔAV4-7926
 1812 Schendel Richd E @ ΔAV2-0062
 1814 Siple Anna
 1820 LaCombe Elroy R @ ΔAV4-9069
 1821 Alabrodzinski Victor H @
 ΔAV4-5935
 1829 Jose Bruce H @ ΔAV4-1273
 1834 Edwards Eliz Mrs @ ΔAV4-0635
 1837 Pollock Andrew W @ ΔAV4-0917
 1843 Mickel Paul L @ ΔAV2-7095
 Mickel Yolan Mrs nurse
 ΔAV2-7095
 1846 Cichocki Leo J @ ΔAV4-2269
 1849 Stahl Eug R @ ΔAV4-1271
 1854 Vacant
 1855 Bowden John H ΔAV2-4767
 Wilson Wm A ΔAV4-5674
 1866 Truskowski Alex N @ ΔAV4-2268
 1869 Bailey Elton E @ ΔAV2-3127

Ford av intersects

16
 Eureka av intersects
 3325 Chesney Anthony @ ΔAV2-6650
 3326 Gross Rose Mrs @ ΔAV2-3855
 3334 Romanowski Mary Mrs @
 ΔAV2-1987
 3337 Ferris Harry E
 3342 Burzynski Thos @
 3343 Napierkowski Bernice Mrs @
 ΔAV4-9801
 3351 Burzynski Chester D @
 ΔAV2-7908
 3352 Zimmer J N Plmb & Htg
 ΔAV4-3311
 Zimmer Jos N @ ΔAV4-3311
 3355 Zimmer Anna Mrs @ ΔAV5-9474
 3358 Estill Jas A @ ΔAV3-1839
 3366 Izbicki Andrew @ ΔAV2-5456
 3367 Machel Victor @ ΔAV5-9475
 3374 Zakiewicz Ignatz @ ΔAV2-8861
 3375 Rutkowski Alex @ ΔAV2-2010
 3379 Davis Chester @ ΔAV5-4261
 3382 Beck Anthony J @ ΔAV4-7331
 3385 Ploeger Edgar T @ ΔAV2-0986
 3388 Holder Harold R @ ΔAV4-2131
 3391 Hanera Michl @ ΔAV5-0455
 Kiss Sylvester P
 Perry Jas
 3398 Farnsworth Wm J @ ΔAV4-7537
 3399 Miltz John M @ ΔAV2-5374
 3403 Kosteki John @ ΔAV4-8767
 3408 Farnsworth Robt G
 3409 Olsztyn Victor @ ΔAV4-1892
 3415 Zajkowski Stanley J @ ΔAV4-3916
 3421 Jarosz Sophia Mrs @ ΔAV4-5587
 Pine intersects
 3502 Baika Donald S @ ΔAV4-0888
 3509 May Don @
 3515 Kowalczyk Jos F @ ΔAV3-8573
 3524 Girard Lawrence R @ ΔAV3-1297

3533 Metro Lelia Mrs
 3545 Gossett Gene E @
 3553 Lange Wm G @ ΔAV2-4575
 Lee ends

Cherry ends
 (Not open bet Cherry and
 Orchard)
 Orchard intersects
 Forest ends (not open)
 Grove intersects
 Marshall av intersects (not
 open)
 Ludington av intersects
 Stignace av intersects (not
 open)
 Pennsylvania av intersects

26

14TH--From 1400 Goddard rd south to Pennsylvania av (not open bet God- dard rd and Alkali av also bet Ford and Vinewood)

25-A

Antoine intersects (not open)
 Alkali av intersects
 1704 Croll Paul H @ ΔAV2-2930
 1705 Koviak John C @ ΔAV4-5498
 1710 Lumia Gasper @ ΔAV5-3587
 1711 Smaka Edw W @ ΔAV2-6828
 1724 Kazluskus Walter S @ ΔAV4-3119
 1727 Emmert Robt H @ ΔAV2-0918
 1732 Pigott David J @ ΔAV2-4891
 1738 Packwood V Marvin @ ΔAV4-1212
 1749 Marciniak Frank @ ΔAV4-2933
 1752 Vacant
 1759 Taurence Jerry @ ΔAV4-7934
 1764 Zamecki Harry R @ ΔAV4-8139
 1773 Saucier Jos @ ΔAV2-9139
 1788 Mathias John B @ ΔAV2-4829
 1789 Roehrig Margt Mrs @ ΔAV2-9066
 1794 Baldwin Richd E ΔAV4-0077
 1800 Ritchey Orville L @ ΔAV4-3117
 1801 Finazzo Nicholas ΔAV2-4285
 1812 Milewski Walter A @ ΔAV2-1281
 1815 Amiot Gerald J @ ΔAV2-5501
 1821 Steffin Geo H jr @ ΔAV2-5754
 1829 Billelt Sidney R @ ΔAV4-0737
 1839 Buhl Mat J @ ΔAV4-1994
 1842 Tucker Arth D @ ΔAV4-8569
 1848 Pellot Donald C @ ΔAV2-5943
 1849 Richards Clyde C @
 1854 Dallos Michl @ ΔAV2-1384
 1859 Mielkie Mildred E @ ΔAV4-0005
 1864 Hester Frank L @ ΔAV4-0369
 Hester Coil Cleaning Co
 ΔAV4-0369

1867 Fisher Lloyd W @ ΔAV2-4473
 Ford av intersects

Vinewood av intersects
 Superior blvd intersects
 Chestnut intersects

17

2822 Vacant
 Oak intersects
 2923 No return
 2935 Garwolinski Chester ΔAV4-7265
 Elm intersects
 3016 Whartenby Frank F @ ΔAV4-2664
 Maple intersects
 Dee begins
 Sycamore intersects
 Eureka av intersects
 3325 Knizewski Stanley @ ΔAV2-8540
 3336 Schwochow Robt A ΔAV3-1231
 3337 Thornton Robt @ ΔAV5-4164
 3346 Ulevich Geo @
 3347 Ensminger R Edw @ ΔAV4-9168
 3357 Machcinski Adam J @
 ΔAV2-1887
 3358 Tylak Florian @ ΔAV5-4248
 3365 Lukasiewicz Geo H @ ΔAV2-0272
 3373 Milewski Albert A @ ΔAV4-3890
 3376 Bilokury David J @ ΔAV2-1734
 3384 Wojkowiak Edw F @ ΔAV2-5024

1959



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Trenton, Michigan

(1959) R. L. POLK & CO.'S

GROVE—Contd

6th intersects

- 622 Vacant
624 Kwiatkoski Adam B @
AAV2-4987
Astalos Steve AAV2-1189
634 Moss Robt L @ AAV4-8036
641 Astolas Paul AAV4-1992
643 Astalos Margt Mrs @ AAV3-1812
Astalos Jos F AAV2-4536
646 Mahalak Sophia Mrs @
AAV4-6678
652 Vacant
654 Tackett Earl AAV4-3875
655 Varga Andrew @ AAV2-9239
Sturghill Chas
Varga Geo J AAV2-8569
656 Lakins Clyde J
658 Eady W J
666 Vizachero Dominic @ AAV4-2520
Dominic's Serv Sta gas sta
AAV4-2520
673 Koester Martha Mrs @
AAV2-4564
681 Kosman Helen Mrs @ AAV2-2893
Kanthack Jos

7th intersects

- 700 Matkovich Steven AAV3-0616
704 Wright Chas E AAV2-1883
710 DeLisle Eug M @ AAV4-0317
712 Barnes Nona G Mrs
719 Steffen Michl J @ AAV4-8219
728 Loniecki Theo J AAV5-2152
728½ Dolan Caleb
729 Gulyban Louis @ AAV2-0015
735 Perry Henry W AAV5-4759
738 LaCroix Peter AAV4-9092
746 Phillips Leonard
750 Spedding Wm R @ AAV5-9281
756 Messer Curtis O
758 DuChene Henry A @ AAV2-2714
764 Sepulski Anna Mrs @ AAV4-2778

8th intersects

- 806 Stoddard Naomi Mrs @
AAV5-9140

9th intersects

- DT&IRR crosses
11th ends
1120 Benoit Mary E Mrs @
AAV2-4243
1150 Vacant
1168 Grove Scrap Co junk dlrs
AAV2-5680
1184 Sneke Stanley
13th intersects
14th intersects
15th intersects
1501 Monroe James Elementary Sch
16th intersects
17th intersects
18th intersects
19th intersects
20th intersects
21st intersects
2101 Madison James Elementary
Sch
22d intersects
23d intersects
Fort intersects

HARRISON BLVD—From Goddard rd
northwest bey city limits, 1 west of
12th

City Limits

HAZEL—From Electric av west to

- River rd, 1 north of Goddard rd
1006 Beeler John R @ AAV5-1416
1007 Drouillard Edsel D @ AAV3-1928
1016 Stevenson Alan W @ AAV2-3771
1019 Auger Helen Mrs @ AAV5-1528
1026 Scheestel Harold G @ AAV2-0285
1031 McIlvenna Robt @ AAV2-7063
1034 Reynolds Gordon J @ AAV3-1402
1037 Tyrna Ernest P @ AAV5-0256
1042 Callery John M @ AAV5-1532
1047 Dominick Geo W @ AAV5-9329
1050 Samu Steph J @ AAV5-1470
1055 Vernier Wm J @ AAV4-4052
1058 Chlystek John @ AAV4-0021
1063 Rushlow Robt A @ AAV5-1160
1066 Kromrei Harvey W @ AAV5-1945
1071 Davis Graydon W @ AAV2-2234
1074 Kukhahn Carl F @ AAV5-9066
1079 Karbginsky Gerald C @
AAV2-5717
1086 Tilk Wm H @ AAV5-1684
River rd intersects

HIGHLAND AV—From Alfred west to Riverside dr, 2 south of Emmons blvd

- 263 Manasco Vernon E @
271 Baker Geo O @ AAV4-7331
277 Fair Earl C @ AAV4-6230
285 Emond Byron W @ AAV4-5812
292 Sidebottom Glen A @ AAV4-3832
293 Tobias Carl M @ AAV2-7409
295 Meyers Chas
297 Dennis Roland F
298 Liddle Mae Mrs @
304 Gishler John H @ AAV2-6621
311 Warren Paul W @ AAV4-8556
313 Marschner Harold
314 Dotson Loral L @ AAV3-1724
321 Allen Ralph I @ AAV4-1070
327 Chartrand Edw E @
333 Beaker Raymond J AAV2-5945
Mozingo John
334 Smith Thos @ AAV4-4225
338 Larson Elbert A @ AAV2-0159
343 Roden Marvin A
343½ Ridge Harry E
347 Horn Leonard H @ AAV4-9322
352 Neuzum Jack L AAV2-1762
355 Fansler Herman H @ AAV4-8456
360 Gillman Roy B @ AAV4-1917
363 Terpenney John C @ AAV4-1475
365 Lawrence Wilmer R AAV3-1697
366 MacLellan Donald S @
AAV2-1128
369 Ochmanek Zigmund @ AAV2-4394
376 Riedel Oscar W @
383 Johnson Gerald V @ AAV4-9323
384 McClain Clyde @ AAV4-0918
389 Edgington Harold L contr
AAV4-8995
390 Chowinski John @ AAV5-2728
391 Williams Virgie M
396 Walton Carl D AAV5-2577
397 Kuk Mitchell J @ AAV2-1020
4th intersects
400 Pevorvar Michl @ AAV2-3915
Highland Cash Mkt gros
AAV2-3915
401 K & Kay's Lunch AAV2-9577
Kehetian Kasper
419 Homian Peter T @ AAV4-7377
Merlino Eug jr AAV5-3937

WYANDOT

HIGHLAND AV—Contd

4th intersects

- 424 Ziegler Geo I @
427-31 Wyandotte Co
AAV2-5454
430 Zdunczyk Anthony
AAV4-2209
439 Thomas Walter A
442 Callahan Frank @
456 Casey Peter J @
463 Pomeraning Haro
AAV2-6881

- 468 Gougeon Robt G @
471 Leger Norman H
476 Buchanan Donald
477 Egan Howard C @
485 Apartments

- 1 Weber Lou Mrs @
2 Healy Nettie Mrs
3 Raines Henry
4 Andrews Ronald

Street continued

- 486 Ponushis John G @
490 Riggs Harold H @
493 Caruso Fred S @
506 Pashnick Leon jr
507 Okonkowski Edw I
520 J&S Mkt gros AAV
523 Winchek Walter V
531 Chirco Santo @ AAV
Aftanas Richd M
543 East Thos W AAV
Davidson Jas G AAV
547 Aftanas Anna Mrs

6th intersects

- 603 Simon Richd L AAV
610 Krimmel Henry E
611 Powell Wm A AAV
615 Jacobson Harold F
624 Sievert Paul C AAV
631 Palazzolo John J @
632 Williams Norman
AAV5-0431

- 637 French Gilbert O
647 Meyer Robt F @ AAV

- 651 Assenmacher Ralph
Cooper Millard C

- 652 Hoffheins Richd C
660 Lawson Alex M @

- 667 Davidson John H @
668 Gavin Cleatus L @

- 674 Lesinski Stanley F
675 Zeller Robt A @ AAV

- 680 Adams Lloyd @ AAV
681 Miller Ralph E AAV

- 686 Brow Jas O @ AAV
691 DeGuisa Frances I

- AAV3-1466
700 Semetko Wm F @ AAV

- 701 Shodd Walter J @ AAV
708 Sokotowski Larry

- 715 McIver Lauchlin H
716 No return

- 729 Kovach Steven P @
AAV5-2316

- 734 Woods Jas H @ AAV
735 Bauer Phillip C @

- AAV4-4044
750 Olms Wm R @ AAV

- 751 Harcas Frank @ AAV
757 Szczechowski Walt

- AAV4-1731
Riverside dr intersects

HILLSDALE AV—From 4th west to DT&IRR, 1 south

- 559 Cutright Jas R

6th intersects

7th intersects

8th intersects

- 741 Bajkiewicz Thos AAV
Opoka Walter J @ AAV

9th intersects

1959

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ITD
D JR • AV2-0669
R • AV3-0474
D E •
BT M • AV4-6242
S CLEMENT D •

ERBERT M •

BENJ B • AV4-2958
LINE MRS •
O T • AV5-4176
RENCE E • AV2-9138
D H 283-9910
MIT F • AV2-2681
ETER F •
IE M MRS •

JOHN S • AV2-6445
RSECTS
WRENCE J •

M J • AV5-1007
I P • 285-3220
RALD W • AV4-3825
HENRY W • AV2-0726
IARD S • AV4-4289
IDON W • AV4-6468
JOSEPH • AV2-4998
TER D • AV2-6079
I H • AV2-2278
IEW • AV2-0175
•
RLES W • AV2-3643
VALTER A • AV4-8237
RALPH J • AV2-2279
AMES P • AV2-2044
CHARLES W •

WALTER L • AV2-1890
JIS H • AV4-8238
TER O • AV2-3176
ENDELL T PLMB •

Y C • AV2-0416
ARTHA M MRS

EDW F AV4-7416
EDW J •
D N • AV3-0862
HENRY AV3-1475
HD L • AV4-2322

JOHN • 282-8412
SEPH E • AV4-1719
TON R • AV4-8298
EN JR • 285-2832
SEPH • AV2-4940
AYMOND • 282-7970
BERNARD T •
N GEO E • AV2-4921
E • AV5-9747
OSS L • AV4-6541
NTERSECTS
ARLEY S • AV2-9084
NE M • AV2-5524
S W JR • AV4-5822
WM J • 285-9692
IE A MRS 283-0043
I BILL B • AV4-7937
LEY F • AV2-5951
AYMOND F •
I E • AV5-9062
HESTER S • AV2-8676
IDREW JR • AV5-9614
EO J • AV4-7935
ZEN E • AV2-0043

1756 PAWLOWSKI STANLEY B •
AV4-7826
1765 BIELSKI WALTER A • AV5-4256
1772 WITT LADISLAUS J • AV2-4920
1773 RAMEY EDW C • AV4-3393
1780 MC GUNAGLE GERALD R •
AV4-8918
1781 KORTAS EDW W •
1792 PINSON JOHN L • AV2-4922
1795 FUSCO FRANK P • AV2-2865
1801 BARRON ALLAN E • AV4-5469
1804 BOTT EDMUND T • AV2-0521
1809 RIDLE EDW J • AV4-7926
1812 GIRARDIN HERBERT W •
AV2-6432
1814 FOSTER DOROTHY
1820 LA COMBE ELROY R • AV2-9069
1821 ALABRODZINSKI VICTOR H •
AV4-5935
1829 JOSE BRUCE H • AV4-1273
1834 LITTLE JOSEPH W • AV2-7749
1837 POLLOCK ANDREW W •
1843 PRZYTLA CHARLOTTE L •
AV2-9197
1846 CICHOCKI LEO J • AV4-2269
1849 STAHL EUG R • AV2-2126
1854 VACANT
1855 BOWDEN JOHN H • AV2-4767
1866 TRUSKOWSKI ALEX N • AV4-2268
1869 BAILEY ELTON E • AV2-3127
---FORD AV INTERSECTS

---EUREKA AV INTERSECTS
3325 PUDLIK PAUL M
3326 KALESAR JOSEPHINE A MRS •
AV2-3855
3334 ROMANDOWSKI MARY MRS •
AV2-1987
3337 FATER ALVIN R 285-1423
3342 BURZYNSKI DORA MRS •
AV4-7332
3343 NAPIORKOWSKI BERNICE MRS •
AV4-9801
3351 BURZYNSKI CHESTER D •
AV2-7908
3352 ZIMMER LILLIAN T MRS •
3355 TIOWELL CHARLES C 284-8534
3358 ESTILL JAMES A • AV3-1839
3366 IZBICKI EDW A • AV4-3857
3367 MARCHEL VICTOR • AV5-9475
3374 ZAKIEWICZ IGNATZ • AV2-4120
3375 RUTKOWSKI ALEX • AV2-2010
3379 DAVIS CHESTER • AV5-4261
3382 BECK ANTHONY J • AV5-0438
3385 PLOEGER EDGAR T •
3388 HOLDER HAROLD R • AV4-2131
3391 HAMERA MICHL • AV5-0455
GRAY ROBT B
3398 FARNSWORTH FLOYD E
3399 MILTZ JOHN M JR • AV2-5374
3403 KOSTECKI ANASTASIA MRS •
AV4-8767
3408 FARNSWORTH PAULINE MRS
3409 OLSZTYN VICTOR • AV4-1892
3415 ZAJKOWSKI STANLEY J
3421 JAROSZ SOPHIA MRS • AV4-5587
---PINE INTERSECTS
3502 TUBBS ROY N
3509 NO RETURN
3515 KOWALCZYK JOSEPH F •
3521 WYLIE CHESTER P • 286-2325
3524 GIRARD LAWRENCE R •
3533 MARTIN RALPH AV2-7684
SOMERS TERRANCE
3545 GOSSETT JEAN E •
3553 LANGE WM G • AV2-6589

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WYANDOTTE DIRECTORY OF HOUSEHOLDERS 1965

13TH ST (W)--CONTD

---LEE ENDS

---CHERRY ENOS
---(NOT OPEN BETWEEN CHERRY
--- AND ORCHARD)
---ORCHARD INTERSECTS
---GROVE INTERSECTS
---MARSHALL AV INTERSECTS
---LUDINGTON AV INTERSECTS
---PENNSYLVANIA AV INTERSECTS

26
14TH ST (W) --FROM 1400 GODDARD RD
S TO PENN AV (NOT OPEN BET
GODDARD RD & ALKALI AV)

---ANTOINE INTERSECTS
---(NOT OPEN)
---ALKALI AV INTERSECTS
1704 CROLL PAUL H • AV2-2930
1705 KOVIK JOHN C • AV4-5498
1710 LUMIA GASPER • AV5-3587
1711 SMAKA EDW W • AV2-6828
1724 KAZLUSKY WALTER S • AV4-3119
1727 EMMERT ROBT H • AV2-0916
1732 PIGOTT RONALD C • 283-2047
1738 PACKWOOD V MARVIN • AV4-1212
1749 MARCINIAK FRANK J • AV4-2933
1752 CRAMER GENEVIEVE E MRS •
AV2-2933
1759 TAURENCE JERRY • AV4-7934
1763 DI MAGGIO CARL • AV5-9350
1764 ZAMECKI HARRY R • AV4-8139
1773 AMIOT JOHN S • 284-0500
1788 CONSIGLIO LEO • AV2-2572
1789 SHOEMAKER CLINTON C •
283-2763
1794 RILEY FRED L • AV4-1146
1800 NO RETURN
1801 HEINEL STEVE J
1812 MILEWSKI WALTER A • AV2-1281
1815 AMIOT GERALD J • AV2-5501
1821 STEFFIN GEO H JR • AV2-5754
1826 SILECK MICHL E • AV2-0383
1829 BILLET SIDNEY R • AV4-0737
1839 HIERLIHY MORLEY G • AV2-1896
1842 TUCKER ARTH D • AV4-8569
1848 PELLOT DON C • AV2-5943
1849 RICHARDS CLYDE C • AV2-2652
1854 DALLOS MICHL • AV2-1384
1859 MIELKIE MILDRED E • AV4-0005
1864 HESTER COIL CLEANING CO
AV4-0369
HESTER FRANK L • AV4-0369
1867 PALMER ELMER C • AV4-9088
---FORD AV INTERSECTS

---VINEWOOD AV INTERSECTS
---SUPERIOR BLVD INTERSECTS
---CHESTNUT INTERSECTS
---OAK INTERSECTS
2923 MILLER EARL H AV5-4828
2935 GARWOLINSKI CHESTER S •
AV4-7265
---ELM INTERSECTS
3016 WHARTENBY FRANK F
---MAPLE INTERSECTS
---DEE BEGINS
---SYCAMORE INTERSECTS
---EUREKA AV INTERSECTS
3325 KNIZEWSKI STANLEY • AV2-8540
3328 DIAL ROBT L •

25A
3336 MC TAGGART ANTH
282-6454
3337 THORNTON ROBT •
3346 ULEVICH GEO • A
3347 BAKO LASZLO K 2
3357 MACHINSKI ADAM
3358 TYLAK FLORIAN •
3365 LUKASIEWICZ GEO
3373 MILEWSKI ALBERT
3376 BILOKURY DAVID
3381 MATZKOWS JOHN H
3384 WOJTKOWIAK CECE
AV4-2473
3387 GODLEWSKI ANTHO
AV4-5686
3392 PORATH EDW M •
3399 SOKOLOWSKI RICH
AV5-1287
3402 IZBICKI ANDREW
3408 CIALKOWSKI LENA
AV4-7455
3413 BARTOK JAMES L
3416 HEBDA NORBERT E
3421 KRZECZKOWSKI ED
AV3-1941
3429 HAZLINSKY PAUL
3432 COBB HOBART L A
3435 GASIEWSKI ALEX
AV2-2202
3444 GRANDE JOSEPH J
3445 DEHRING LEO G •
3454 STOCH LEONARD J
3460 SCHRAMMER JEROME
3461 PEREZ JAMES • 2

---PINE INTERSECTS
3504 CLAUNCH MOSSIE
AV4-9755
3505 VACANT
3510 CALDWELL MARGT I
AV4-1205
3511 AMOLSCH AUG S •
3518 NO RETURN
3523 VAN SICKLE NEAL
3529 LANIER RICH •
3530 STOCK RAYMOND B
3539 GRESSER ARTH J
3544 ROBERTSON CHARL
AV2-5480
3549 CUIP DOROTHY M A
3550 MULLIGAN JAMES
3557 HERBORT FRANK A
3558 ANDRUS ROBT • AV
3567 CABLE BRUCE R •
3568 COMAS CHESTER •
3573 FRENCH ESTEL W •
3576 JACKSON RAY C •
3581 HUMENIK JOHN J •
3584 LANGE JOHN R • A
3587 BARTLETT JAMES A
3590 KING GARRY • AV4
3597 COMAN ROBT C • A
3598 STONE JOEL J JR
3605 BOWMAN BILLY C •
3608 SCLAFANI ANTHONY
3615 ARMSTRONG VIRGIL
AV4-3089
3618 ORR JAMES R •
3625 CONAWAY EDW R •
3628 GASIEWSKI VINCENT
AV2-6429
3631 ARNOLD KENNETH •
3640 TACKETT RALPH •
3641 MAPES VIOLA M MR
3649 PARKER JACK C •
3650 FUNK EDW H • AV2
3660 ZAVADIL GEO A •

N CO.

TEL. 282-4400

JOSEPH • AV5-2956
WAYNE • AV4-3486CECIL D ELEC CONTR •
EARL E •
ECTS
EMEE B MRS • AV2-3028
DOD CENTER GROMRS • AV4-3474
ICE V MRS AV5-4084
IER R AV2-3008
JOSEPH A
MOND F • 282-1817
JK • AV4-9342

25A

INTERSECTS
INT ARTH • AV5-0031
HARRY R
STANLEY • AV5-1189
NORMAN R •
JAM H ELEMENTARY
W3-0110
ECTS• AV4-3253
V INTERSECTS
ES W •
E • AV2-6728
CLYDE S • AV2-9273
D L • AV5-2141
OBT A •W P • AV4-3254
JOSEPH • AV4-7915
VID I • AV2-6727
H •FRANK D • AV2-6729
CK •
ISSEPH • AV4-8231
YMOND E • AV4-7706
LF H • AV4-7709
NK M • AV4-1404NDS
ANTHONY E •
WSKI ANNA MRS •
9Y JOSEPH A •
8
TEVE • AV2-3979
SKI ALOYSIUS S MUS
AV4-7013
BIE G • AV3-1092
RY T MRS •S
RANK J • AV4-4288
NICK • 283-2575
LVD BEGINSS
S
HN C •
K STANLEY • AV5-2526
K VICTOR • AV3-2279
ARO • AV2-8659
ENNETH K • AV2-6827
JAMES T • AV4-7936

14

S
S
ROY M • AV4-1013
S
ANGELO**PECK ELECTRIC CO.**ELECTRICAL CONSTRUCTION
INDUSTRIAL COMMERCIAL

3025 THIRD, WYANDOTTE

TEL. AVenue 4-8525

WYANDOTTE DIRECTORY OF HOUSEHOLDERS 1965

87

GODDARD RD (W)--CONTO

1843 KOTYUK FRANK H • AV4-0354
---19TH BEGINS
1905 MALICKI ROBT J • AV5-2821
1919 PATTON THOS R •
1937 MURPHY OLGA F MRS •
1947 MUNSEY RAINOUS H •
---20TH BEGINS
2017 BERTSCHINGER EMMA MRS •
AV2-2090
---21ST BEGINS
---22D BEGINS
---23D BEGINS
---FORT INTERSECTS

18

GODDELL ST (W) -FROM 1100 BIDDLE
AV WEST TO DT&IRR70 MEDOR JERRY 282-2365
---1ST INTERSECTS
135 SAINT ELIZABETH R C CHURCH
138 MC CABE JAMES P REV AV4-7727
142 SAINT ELIZABETH R C CH (GYM)
---2D INTERSECTS
224 SLAGE JUNE • AV4-3288
244 NAWROCKI CHESTER A • AV2-0197
---3D INTERSECTS
306 WELCH ROBT A •
329 PINSON GEO N • 284-1092
---MC KINLEY AV BEGINS
---DT&IRR CROSSES

24

GROVE ST (W) -FROM 4000 BIDDLE AV
WEST TO FORT (NOT OPEN BET 9TH
& 11TH 18TH & FORT425 COCHRAN DONALD L AV5-9610
429 TROMBLEY DONALD
438 AFFHOLTER BROS CREAMERY DAIRY
PRODUCTS AV2-2210
462 VACANT
466 VACANT
---5TH INTERSECTS
514 VARGO LOUIS E • AV3-0792
524 POUL HOWARD E •
527 LAWSON RAPP
533 PRUETT MARGT MRS •
---ALBION AV BEGINS
534 TONIECKI THOE
538 CHARLES MILES
544 WILSON CLEOFUS • AV5-9142
556 BYLINSKI SOPHE MRS • AV2-2276
557 GERRING JACOB P • AV2-2680
562 HUDSON BENJ W
563 MEAD ALF J • AV2-4384
569 SCOLES AARON • AV5-2614
573 BURNS DOROTHY M MRS •
AV2-2357
---6TH INTERSECTS
624 KWIATKOWSKI ADAM B • AV2-4987
634 MOSS ROBT L • AV4-8036
635 RICHG RALPH
641 SPARKS WENDELL L
643 THOMPSON GEO E • AV4-2090
LE FAVE JOHN
646 MAHALAK LOUIS • AV4-6678
652 BUZZARD ETHEL E MRS AV5-3143
654 KORTAS STANLEY R AV3-1883
655 VARGA ANDREW • AV2-9239
656 SCOTT RALPH AV2-2159
658 HATFIELD L C
666 DOMINIC'S SERVICE STATION GAS
STA AV4-2520VIZACHERO DOMINIC • AV4-2520
673 STRONG WM •
681 KOSMAN HELEN MRS •
KANTHACK JOSEPH AV2-2893
---7TH INTERSECTS
700 MATKOVICH STEVEN • AV3-0616
704 SCHAVE RICHG
710 RAY BALLARD B •
712 ULGN WHITE
719 STEFFEN MICHL J • AV4-8219
728 MAYNARD BASIL • AV2-7641
728½ WEST RICHG
729 GULYBAN LOUIS • AV2-8010
735 WEDDINGTON BOBBY E
738 LINDSEY IVAN A
VAUGHN GARY
746 MAGIERA IGNATIUS F •
750 SPEEDING WM R • AV5-9281
756 FRANCE JEANNINE A MRS
758 DU CHENE HENRY A • AV2-2714
764 VISE ROBT M
---8TH INTERSECTS
806 O'NEILL JACK •
---9TH INTERSECTS

26

---DT&IRR CROSSES
---11TH ENDS
1106 NORTH END JUNK YARD AV2-3955
1120 BENOIST MARY E MRS •
AV2-4243
1150 TODD EXCAVATING CO 285-0188
1168 PUBLIC AUTO PARTS AV5-4011
---13TH INTERSECTS
1213 DETROIT TUBULAR RIVET INC
---14TH INTERSECTS
---15TH INTERSECTS
1501 MONROE JAMES ELEMENTARY
SCHOOL AV2-3061
---16TH INTERSECTS
---17TH INTERSECTS
---18TH INTERSECTS
---19TH INTERSECTS
---20TH INTERSECTS
---21ST INTERSECTS
2101 MADISON JAMES ELEMENTARY
SCHOOL AV4-5901
---22D INTERSECTS
---23D INTERSECTS
---FORT INTERSECTS

25A

HARRISON BLVD (W) -FROM GODDARD
RD NORTHWEST BEY CITY LIMITS 1
WEST OF 12TH

---CITY LIMITS

25A

HAZEL ST (W) -FROM ELECTRIC AV
WEST TO RIVER RD 1 NORTH OF
GODDARD RD1006 BEELER JOHN R • AV5-1416
1007 DROUILLARD EDESL D •
1016 STEVENSON ALAN W • AV2-3771
1019 AUGER HELEN MRS • AV5-1528
1026 ABRIEL MARILYN MRS 282-3036
1031 MC ILVENNA ROBT • AV2-7063
1034 REYNOLDS GORDON J • AV3-1402
1037 TYRNA ERNEST P • AV5-0256
1042 MC NEIL EDW D • AV4-1908
1047 DOMINICK GEO W • AV5-9329
1050 SAMU STEPH J • AV5-1470
1055 VERNIER WM J • AV4-4052

1717 FORT

E. W. SMITH AGENCY INC.
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FORT & VINEWOOD

26
R.L. POLK & CO.'S

13TH ST (W)—Contd
1487 Spader Walter O @ AV2-3176
1490 Vick Louis J @ 284-0233
1495 Horn Elroy C @ AV2-0416
1498 Cronce Donald L @
1501 Dembinski Edw F @ AV4-7416
1504 Jackson Jean Mrs @
1511 Litak John 284-5857
1512 Hovis Richd L @
1517 Thompson Jerry W @
1520 Mazzaresse John @
1525 Tlaka Joseph E @ AV4-1719
1528 Brown Dayton R @ AV4-8298
1533 Sera Steven Jr @ 285-2832
1536 Karafa Joseph @ AV2-4940
1546 Nelle F Raymond @ 282-7970
1547 Mc Shane Bernard T @
1553 Mc Eachran Geo E @ AV2-4921
1562 Kreger Wm E @ AV5-9747
1569 Swenson Ross L @ AV4-6541
ALKALI AV INTERSECTS
1702 Merritt Wallace W @ AV3-1996
1705 Burke Belya I Mrs @ AV2-5524
1711 Behm Louis W Jr @ AV4-5822
1716 Accettola Wm J @ 285-9692
Drobot Woodward
1719 No Return

1724 Wisniewski Bill B @ AV4-7937
1725 Doney Wesley F @ AV2-5951
1732 Hampton Raymond F @
1733 Goodwin John W @ AV5-9062
1738 Parish Chester S @ AV2-8676
1743 Molnar Andrew Jr @ AV5-9614
1744 Sielski Mary C Mrs @ AV4-7935
1751 Tucker Hazen E AV2-0034
1756 Fraser John C @
1765 Bielski Walter A @ AV5-4256
1772 Witt Ladislaus J @ AV2-4920
1773 Ramey Edw C @ AV4-3393
1780 Shelata John E @
1781 Kortas Helen V Mrs @
1792 Pinson John L @ AV2-4922
1795 Fusco Frank P @ AV2-2865
1801 Barron Allan E @ AV4-5469
1804 Bott Edmund T @ AV2-0521
1809 Boettner Arth @ 284-8948
1812 Girardin Herbert W @ AV2-6432
1814 Foster Dorothy
1820 La Combe Elroy R @ AV2-9069
1821 Alabrodzinski Victor H @
1829 Jose Bruce H @ AV4-1273
1834 Little Joseph W @ AV2-7749
1837 Hostler Charles R @ 284-4003
1843 Przytula Charlotte L @ AV2-9197
1846 Cichocki Leo J @ AV4-2269
1849 Stahl Eug R @ AV2-2126
1854 Tarnowski Frank A @
1855 Bowden John H @
1866 Truskowski Alex N @ AV4-2268
1869 Bailey Elton E @ AV2-3127
FORD AV INTERSECTS

EUREKA AV INTERSECTS
3325 Vacant
3326 Kalesar Josephine A Mrs @ AV2-3855
3334 Romanowski Mary Mrs @ AV2-1987
3337 Fater Alvin R 285-1423
3342 Burenski Dorothy @ AV4-7332
3343 Napierkowski Bernice Mrs @ AV4-9801
3351 Burzynski Chester D @ AV2-7908
3352 Zimmer Lillian T Mrs @ 285-6221
3355 Wynn Clarence @ 285-0894
3358 Estill James A @ AV3-1839
3366 Izbiicki Edw A @ AV4-3857

3367 Marchel Regina J @ AV5-9477
3374 Zakiewicz Ignatz @ AV2-4120
3375 Rutkowski Alex J @ AV2-2010
3379 Vaughn Paul @
3382 Beck Anthony J @ AV5-0483
3385 Ploeger Edgar T @ AV4-7968
3388 Holder Harold R @ AV4-2131
3391 Hamera Michl @ AV5-0455
Morris James B
3399 Miltz Ann H Mrs @
3403 Kosteci Anastasia Mrs @ AV
3406 Mc Cartney John R 284-7559
3408 Cooper Jeffrey L
3409 Olsztyn Bernice Mrs @ AV4-1
3410 Kemmis Robt 284-0491
3412 Hervey John R 283-0388
3415 Zajkowski Stanley J @ AV5-07
3416 Esquibel Raymond 282-7467
3418 Vacant
3420 Machcinski Arth
3421 Vacant
3422 Thompson John A AV5-0104
PINE INTERSECTS
3500 Scott Madelyn Mrs
3502 Logan James AV5-8537
3504 Creith Robt 283-2066
3505 Pomnichowski Tony P @ 285-4603
3508 Anderson Louis 283-9970
3509 Vacant
3510 Gallagher Dennis L
3512 Wilson David 285-5065
3514 Trotter Michl A
3515 Kowalczyk Joseph F @
3516 Pascarella Anthony 284-6305
3521 Reynolds Harlan @
3524 Girard Lawrence R @ AV3-3067
3533 Miller Robt E
3545 Kroll Terry P @ 282-4219
3553 Lange Wm G @
LEE ENDS

CHERRY ENDS
(NOT OPEN BETWEEN CHERRY
AND ORCHARD)
ORCHARD INTERSECTS
GROVE INTERSECTS

PENNSYLVANIA AV INTERSECTS
4210 Reliable Carpet Service 285-5100
4112 Down River Association For Retarded
Children 283-0710
Down River Industrial Vocational
Enterprise workshop for retarded adults
283-0710

4261 Production Finishing Corp 283-3535
4262 United Parcel Service 284-2170
4282 Down River Mechanical Inc 282-3018
4308 Park Screw Products Co Inc 282-7977
4410 Michigan Industrial Piping Supply Co
285-2161
4425 Whitehead Randolph C real est
4459 Morgan Products Inc aircraft parts
282-9188
4500 Indian Lanes Lounge
4624 Jay Engineering Co (Stamping Div)
282-3900
4625 Wyandotte Industries Inc 283-1870
4660 Benchmark Inc 285-0900
4661 Park Industries Inc mfg elec insulation
284-1800

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GOODARD RD (W)—Contd
1807 Vicchio Angelo W
1843 Kotyuk Frank H @ AV4-0354
19TH BEGINS
1905 Malicki Robt J @ AV5-2821
1919 Patton Thos R @
Patton Judith L Mrs
1937 Scheuy John O @
1947 Campoli Renato @ 285-3796
20TH BEGINS
2017 Bertschinger Ruth M @ AV2-2090
21ST BEGINS
22D BEGINS
23D BEGINS
FORT INTERSECTS

**GOODELL ST (W) —FROM 1100 BIDDLE
AV WEST TO DT&IRR**

ZIP CODE 48192
70 Szmansky Della E Mrs 285-9028
1ST INTERSECTS
135 Saint Elizabeth Roman Catholic Church
138 La Bell Bernard Rev AV4-7727
142 Saint Elizabeth Roman Cath Ch (GYM)
2D INTERSECTS
224 Slagle June @ AV4-3288
244 Vacant
3D INTERSECTS
306 Welch Robt H @ AV4-8750
314 Welch Ross D 282-5302
318 House Patricia
322 Jones Roger J 283-3391
326 Ambrose Richd
329 Pinson Robt @ AV3-0271
346 Sauer Cooperage steel drums AV4-7022
MC KINLEY AV BEGINS
DT&IRR CROSSES

**GROVE ST (W) —FROM 4000 BIDDLE AV
WEST TO FORT (NOT OPEN BET 9TH
& 11TH 18TH & FORT**

ZIP CODE 48192
425 Patterson Frank
429 Shanever Terry Mrs
438 Vacant
462 Raubolt Howard A @
466 Flow-Kleen Laundromat
5TH INTERSECTS
514 Vargo Louis E @
524 Isaac Claude @ 285-3852
527 Lawson Ralph
533 Malaica Richd V @
ALBION AV BEGINS
534 Worthington Delbert E @ 285-8949
538 Early Eliz Mrs
544 Wilson Cleofus @
548 Vacant
556 Mullins James
557 Gerring Jacob P @
562 Vacant
563 Paul Wm E @ 285-2119
569 Scoles Aaron @ AV5-2614
573 Burns Dorothy M Mrs @ AV2-2357
6TH INTERSECTS
624 Kwiatkowski Ronald @
Kwiatkowski Adam 282-4981
634 Vacant
641 Vacek David
643 Le Fave John 285-6716
Benson Lushes D AV4-2809
646 Bell James @ AV5-1325

652 Duncan Robt J
654 Sizemore Hubert AV4-0704
655 Galloway Kenneth L
Buhl E
656 Forgette Duane H
Vacant
658 Gooding Albert F
666 Dominic's Standard Service AV4-0509
Vizachero Dominic @ AV4-0509
673 Moree Lily Mrs
681 Kosman Helen Mrs @
Kanthack Joseph AV2-2893
7TH INTERSECTS
700 Vacant
704 Matkovich Steven 283-0616
710 Reinstein Willard J
712 No Return
719 Steffen Michl J @ AV4-8219
728 Brooks Vivian Mrs
Damer John R
728½ Putnam David B
729 Gulyban Louis @ AV2-8010
735 Vacant
738 Rideout Joann Mrs 284-3958
746 Magiera Ignatius F @
750 Windhurst Charles @ AV5-7332
756 France Jeannine A Mrs
758 Du Chene Henry A @ AV2-2714
764 Bise Robt M @ AV2-4448
8TH INTERSECTS
806 O'Neill Jack @
9TH INTERSECTS

DT&IRR CROSSES
11TH ENDS
1106 North End Junk Yard AV2-3955
1120 Kania John J @
1150 Todd Excavating Co 285-0188
1168 Public Auto Parts AV5-4011
13TH INTERSECTS
1213 Detroit Tubular Rivet Inc AV2-7777
14TH INTERSECTS
15TH INTERSECTS
1501 Monroe James Elementary School
AV2-3061
16TH INTERSECTS
17TH INTERSECTS

18TH INTERSECTS
19TH INTERSECTS
20TH INTERSECTS
21ST INTERSECTS
2101 Madison James Elementary School
AV4-5901
22D INTERSECTS
23D INTERSECTS
FORT INTERSECTS

**HARRISON BLVD (W) —FROM
GODDARD RD NORTHWEST BEY
LIMITS 1 WEST OF 12TH**

ZIP CODE 48192
CITY LIMITS

**HAZEL ST (W) —FROM ELECTRIC
WEST TO RIVER RD 1 NORTH OF
GODDARD RD**

ZIP CODE 48192
1006 Beeler John R @ AV5-1416

HAZEL ST (W)—Contd
Drouillard Edsel D @
Wojala Thos J @ 285-0807
Auger Helen Mrs 285-1528
Abriel Marilyn Mrs @ 282-30
Mc Ilvenna Robt @ AV2-706
Raynolds Gordon J @ AV3-1
Tyrna Ernest P @ AV5-0256
Mc Neil Edw D @ AV4-1908
Steinbeck John G Jr @ 282-8
Samu Steph J @ AV5-1470
Kaell Joseph @ 284-4579
Chlystek John @ AV4-0021
Boettcher Dolores Mrs @
Kromrei Harvey W @ AV5-11
Charneski Ben J @ AV2-0336
Ford Frank H @ AV4-6473
Geniac Joseph A @ 282-3385
Tilk Wm H @
RIVER RD INTERSECTS

**HIGHLAND AV (W) —FROM AL
WEST TO RIVERSIDE DR 2 S
EMMONS BLVD**

ZIP CODE 48192
Johnson Michl N @ 283-2542
Baker Verna A Mrs @ AV4-77
Rawlings Joseph L @ 282-5647
Emond Byron W @
Siedbottom Glen A @ AV4-3831
Tobias Carl M @
Westbrook Leo A @
King Gladys M Mrs 283-2304
Henry Wm M @ AV4-5639
Glahler John H @ AV3-2227
Warren Paul W @ AV4-8556
Olschefska Mary Mrs 285-2474
Kupchick Gary A @ 282-2103
Peters Anna M Mrs @ AV4-369
Chartrand Edw E @
Kreski Danl
Dimaggio Joseph J @ 285-5730
Larson Elbert A @ AV2-0159
Peterson Philip M 284-2497
Horn Leonard H @ AV4-9322
No Return
Fansler Mildred Mrs @ AV4-844
Gillman Roy B @ AV4-1917
Oliver Alf P @ 284-0613
Parynik Paul 282-2877
Mac Lellan Donald @ AV2-1128
Ochmanek Zigmund F @ 282-367
Noel Louis R @ AV2-1460
Johnson Gerald V @ AV4-9323
Schossau Alf F AV2-8410
Edginton H L Heating Service A
Edginton Harold L AV4-8995
Chowinski John @ AV5-2728
Williams Virgie M AV4-2738
Walton Sophia R Mrs @ AV5-25
Laurain Bernard J @ 282-5846
4TH INTERSECTS
400 Highland Cash Market AV2-3915
Pevovar Michl @ AV2-3915
401 Vacant
419 Homiak Peter T Jr @ AV4-7377
424 Medved David @
430 Zdunczyk Anthony L @ AV3-1044
431 Mayberry Jasper L
437 Forney Milford @
439 Thomas Walter A
442 Callahan Frank @ AV2-2637
456 Casey Peter J @ AV3-1851

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13TH ST (W)—Contd
FORD AV INTERSECTS

EUREKA AV INTERSECTS

3326 Kalesar Josephine A Mrs @ AV2-3855
3334 Romanowski Mary Mrs @ AV2-1987
3337 Fater Alvin R 285-1423
3342 Burzynski Dorothy Mrs @ AV4-7332
3343 Napierkowski Bernice Mrs @ AV4-9801
3351*Burzynski Chester 282-7908
3352 Zimmer Lillian T Mrs @
3355 Wynn Clarence J @ 285-0894
3358 Estill James A Jr @
3366 Izbicki Edw A @ AV4-3857
3367 Ptak Walter A @ AV5-9475
3374 Vacant
3379 Young Suzanne Mrs
3382 Beck Anthony J @ AV5-0438
3385*Voight David A
3388 Loree Gerald
3391 Anderson Robt C Jr 282-4414
Rogers Peggy 282-4414
3399 Price Ronald J 283-6218
3403 Kostecki Rose @ AV4-8767
3406 Vacant
3408*Canary Janice Mrs
3409*Olsztyn Victor AV4-1892
3410*Perocza Floyd
3412*Boroczy Edw E
3415 Zajkowski Stanley J @ AV5-0759
3416 Korten Kristin 283-3261
3420 Vacant
3421 Laretz Adam Jr @ 283-9972
3422 Alcala Geo @ 284-1563
PINE INTERSECTS
3500 Scott Madelyn Mrs 285-2894
3502 Miller Dennis R 283-3888
3504 Bialon Irene 283-0761
3505 Pomnichowski Tony P @ 285-4603
3508*Janigian Leonard @
3510 Cruce Douglas E 282-2776
3512 Krasun Jerry J 283-1914
3514 Vacant
3515 Kowallez Joseph @ 283-0758
3516*Ray Laura Mrs 283-6277
3521 Reynolds Harlan @ 284-3548
3524 Girard Juanita M Mrs @ AV3-3067
3533*Truskolaski Receiva J 283-9159
3545 Memering Kenneth G @ 283-6849
3553 Lange Wm G @ 285-6798
LEE ENDS

CHERRY ENDS
(NOT OPEN BETWEEN CHERRY
AND ORCHARD)
ORCHARD INTERSECTS
GROVE INTERSECTS

4112 Down River Assn For Retarded Citizens
283-0710
Down River Industrial Vocational
Enterprise workshop for retarded
adults 283-0710
Wayne County Assocs For The Retarded
283-3355
4210 Vacant
4261 Production Finishing Corp mtl polishing
283-3535

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4262 Vacant
4282 Power Process Piping Inc eng 284-1107
4308 Park Screw Products Co Inc 282-7977
4410 Michigan Industrial Piping Supply Co
285-2161
4450 Wyandotte Tobacco & Candy Co distrs
284-2525
4459 Morgan Products Inc aircraft parts
282-9188
4500 Indian Lanes Lounge 283-4700
4624 Fountain Beverage beer distr 282-3900
4625 Wyandotte Industries Inc screw mach
prods 283-1870
4660 Benchmark Inc 285-0900
4661 Park Industries Inc mfg elec insulation
284-1800

PENNSYLVANIA INTERSECTS

14TH ST (W) —FROM 1400 GODDARD
RD S TO PENN AV (NOT OPEN BET
GODDARD RD & ALKALI AV)

PO WYANDOTTE MICH

ZIP CODE 48192

ANTOINE INTERSECTS

ALKALI AV INTERSECTS

1704*Stephenson John @
1705*Pilon Peggy @ 283-1781
1710 Lumia Gasper @ AV5-3587
1711 Smaka Edw W @ AV2-6828
1724 Kazluskys Ella M Mrs @ AV4-3119
1727 Emmert Robt H @
1732 Pigott Ronald C @
1738 Packwood V Marvin @ 284-5498
1749 Marciniak Frank J @ AV4-2933
1752 Cramer Genevieve E Mrs @ AV2-2933
1759 Taurence Jerry @ AV2-1772
1763 Di Maggio Carl @ 285-0772
1764 Zamecki Harry R @ 284-8139
1773 Pruneau Lou @ 284-0500
1788 Consiglio Leo @ AV2-2572
1789 Zulewski Gerald @ AV5-4855
1794 Riley Fred L @ AV4-1146
1800 Bone Wm J @
1801 De Sana James R @ 283-2345
1812 Molewski Walter A @ AV2-1281
1815 Amiot Gerald J @ 282-5501
1821 Steffin Geo H Jr @ AV2-5754
1826 Sileck Michl E @ AV2-0383
1829 Tyrna Ernest P @
1839 Hierlihy Morley G @ AV2-1896
1842 Tucker Arth D @ AV4-8569
1848*Sigler R E 283-8579
1849 Richards Annabelle M Mrs @ AV2-2652
1854 Dallos Michl P @ AV2-1384
1859 Sampson Robt W @ 284-3050
1864 Hester Coil Cleaning Co AV4-0369
Hester Frank L @ AV4-0369
1867 Palmer Elmer C @ AV4-9088
FORD AV INTERSECTS

26

VINEWOOD AV INTERSECTS
SUPERIOR BLVD INTERSECTS
CHESTNUT INTERSECTS
OAK INTERSECTS
2923 Dillon Bernard D 284-1394
2935 Garwolinski Chester J @ 282-7456

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GODDARD RD (W)—Contd

1243 Langley Charles. 283-2299

13TH BEGINS

14TH BEGINS

15TH BEGINS

PO WYANDOTTE MICH

1505 Shimkus Mary A Mrs 283-1411

1515 Pawelczyk Stanley @ AV4-5565

1521 Podlaszuk Victor @

1529 Vitale Faro @ AV2-8659

1537 Miller Kenneth K @ AV3-1381

1545 Brown Chas H @

16TH BEGINS

17TH BEGINS

1743 Tarjeft Roy M @ AV4-1013

18TH BEGINS

1807 Hart Robt 284-6571

1843 Kotyuk Frank H @ AV4-0354

19TH BEGINS

1905 Ritter Joseph @

1919 Patton Thos R @

1935 Vacant

1937 Vitale Giosetti 283-8080

1947 Campoli Renato @

20TH BEGINS

2017 Phillips Ronald D

21ST BEGINS

22D BEGINS

23D BEGINS

FORT INTERSECTS

GOODELL ST (W) —FROM 1100 BIDDLE AV WEST TO D T&I R R

PO WYANDOTTE MICH

ZIP CODE 48192

70 Meador Jerry H @

Cook Steve R 282-7688

1ST INTERSECTS

135 Saint Elizabeth Roman Catholic Church
284-7727

138 Fortuna Geo Rev AV4-7727

2D INTERSECTS

224 Slagle June @ AV4-3288

244 Bondie Richd A @ 285-4045

3D INTERSECTS

306 Welch Robt H @ AV4-8750

314★Holt James M @ 283-7149

318 House Patricia Mrs

322 Krupczak Gary @ 282-4205

326★Lowrey Terry

329 Demko Joseph @ 284-7466

346 Greif Brothers steel drums AV4-7022

MC KINLEY AV BEGINS

DT&IRR CROSSES

GROVE ST (W) —FROM 4000 BIDDLE AV WEST TO FORT (NOT OPEN BET 9TH & 11TH 18TH & FORT

PO WYANDOTTE MICH

ZIP CODE 48192

425 Vacant

429 Vacant

438 Vacant

462 Raubolt Howard A @

466 Flow-Kleen Laundromat

5TH INTERSECTS

514 Vargo Louis E @

524 Isaac Claude @ 285-3852

527 Lawson Ralph

533★Renaud Clarence J @ AV5-8849

ALBION AV BEGINS

534 Worthington Faye Mrs @

538 Vacant

544 Wilson Cleofus @

548 No Return

556 Tougas Paul J 283-5549

557★Justice Doff A

★Boyd Arth

562 Vacant

563 Paul Wm E @ 285-2119

569 Scoles Aaron @ AV5-2614

573 Burns Dorothy M Mrs @ AV2-2357

6TH INTERSECTS

624 Kwiatkowski Adam 282-4987

634 Vacant

641★Mc Farland Cheryl

643★Bridges Arth J

646 Thomas Duane E @ 285-0213

652 Scoles Fannie 285-5567

654 Sizemore Hubert AV4-0704

655★Galloway Robt

658 Keith Virgil 284-4183

666 Dominic's Market AV4-0509

Vizachero Dominic @ AV4-0509

671 M C M Fire Protection Co 283-9155

681 Kozma Helen Mrs @ 282-2893

Kanthack Joseph

7TH INTERSECTS

700-04 Matkovich Steven @ 283-0616

710 Lyle Earl @

712 Reeves Verna M @ 283-5974

719★Mitchell Ed S 283-9390

728 Brooks Vivian Mrs @

728½★Green Robt 285-6685

729 Gulyban Louis @ 282-8010

738★Adams Randall

Wolfenbarger Thos 283-7922

746 Magiera Ignatius F @

750 Windhurst Charles @

756 France Jeannine A Mrs

758 Du Chene Henry A @ AV2-2714

759 Wolverine Bumper Co auto parts

285-7200

764 Bise Robt M @ AV2-4448

769 Vacant

8TH INTERSECTS

806 O'Neill Jack @

9TH INTERSECTS

DT&IRR CROSSES

11TH ENDS

1106 North End Junk Yard AV2-3955

1120 Kania John J @ 282-0896

1150 Todd Excavating Co 285-0188

1168 Public Auto Parts AV5-4011

1212 Mercury Mfg screw mach 285-5150

1213 Detroit Tubular Rivet Inc AV2-7979

13TH INTERSECTS

14TH INTERSECTS

15TH INTERSECTS



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1820 La Combe Elroy R © AV2-9069
1821 Alabrodzinski Victor H © 285-5768
1829 Jose Bruce H © AV4-1273
1834 Little Joseph W © 282-7749
1837 Hostler Charles R © 284-4003
1843 Przytula Charlotte L © AV2-9197
1846 Cichocki Leo J © AV4-2269
1849 Stahl Eug R © AV2-2126
1854 Tarnowski Frank A © AV4-3453
1855 Bowden Miriam E Mrs ©
1866★Molnar Joseph C
1869 Bailey Elton E © AV2-3127
FORD AV INTERSECTS

EUREKA AV INTERSECTS

3326 Kalesar Josephine A Mrs © AV2-3855
3334 Romanowski Dominic © AV2-1987
3342★Terrance James J © 282-5772
3343★Huff Richd A ©
3351 Burzynski Chester 282-7908
3352 Zimmer Lillian T Mrs ©
3355 Wynn Clarence J ©
3358 Estill James A Jr ©
3366 Izbicki Edw A © AV4-3857
3367 Marchel Regina © AV5-9475
3374 Vacant
3375 Miles Paul A © 284-4930
3379★Heath Phillip 283-7760
3382 Beck Anthony J © AV5-0438
3385 Parwowski Joseph
3388 Whitt Carl ©
3391 Rushing Naomi 283-6193
No Return
3399 Antczak Laura
3403 Kostecki Rose © AV4-8767
3406 Vacant
3408 Csont Jonathan C 285-7892
3409 Loree Diane
3410 Lund Larry 283-9274
3412 Hettich Paul 285-4193
3415 Vacant
3416★Miller John 281-0906
Hasson Kenneth 283-6773
3418 Vacant
3420 Ryba Douglas 283-3067
3421 Laretz Adam Jr © 283-9972
3422 King Lillian V Mrs © 284-7543
PINE INTERSECTS
3500 Scott Madelyn Mrs 285-2894
3502 No Return
3504★Wellman Cynthia 281-0215
3505 Pomnichowski Tony P © 285-4603
3508 Marshall Alex 285-6493
3510 Javellana Mila 283-1915
3512 Krasun Jerry J 282-1250
3514 Evans David 282-3918
3515 Kowalczyk Joseph © 283-0758
3516 Malda Walter H Jr 283-4412
3521★Thornsbury Carlos © 283-9706
3524 Girard Juanita M Mrs © 283-6040
3533 Anderson Thelma
3545 Memering Kenneth G ©
3553 Lange Wm G ©
LEE ENDS

CHERRY ENDS

(NOT OPEN BETWEEN CHERRY AND ORCHARD)

ORCHARD INTERSECTS

3841 Crest Industries 283-4100
GROVE INTERSECTS
4072 Ducomb W C Co Inc West (Br) power
transmission 283-8955
4112 General Welding & Design 283-3333
Summerset Fabricating Inc fabricators
285-4756
4210 Down River Assn For Retarded Citizens
283-0710
Wayne County Assocs For The Retarded
283-3355
4261 Production Finishing Corp mtl polishing
283-3535
4262 Siefen Compounds 285-7333
4282 Vacant
4308 Park Screw Products Co Inc 282-7977
4410 Michigan Industrial Piping Supply Co
Inc 285-2161
4450 Wyandotte Tobacco & Candy Co distrs
284-2525
4459 Morgan Products Inc aircraft parts
282-9188
4500 Indian Lanes Lounge 283-4700
4624 Fountain Beverage Inc beer distr
284-7515
4625 Wyandotte Industries Inc screw mach
prods 283-1870
4660 Benchmark Inc 285-0900
4661 Park Industries Inc mfg wire harnesses
284-1800

PENNSYLVANIA INTERSECTS

14TH ST (W) —FROM 1400 GODDARD RD S TO PENN AV (NOT OPEN BET GODDARD RD & ALKALI AV)

PO WYANDOTTE MICH

ZIP CODE 48192

ANTOINE INTERSECTS

ALKALI AV INTERSECTS

1704 Stephenson John M © 283-2264
1705 Dennisuk Michl V 283-9113
1710 No Return
1711 Smara Frances M Mrs 282-6828
1724 Kazluskys Ella M Mrs © AV4-3119
1727 Emmert Robt H ©
1732 Pigott Ronald C ©
1738 Packwood V Marvin © 284-5498
1749 Marciniak Frank J © AV4-2933
1752 Cramer Genevieve E Mrs © AV2-2933
1759 Taurence Jerry © AV2-1772
1763 Di Maggio Josephine M © 285-0772
1764 De Sana Michl ©
1773 Amiot Nanette 284-0500
1788 Consiglio Leo © AV2-2572
1789 Kolman Merle 282-1259
1794 Riley Jeffrey © 281-0473
1800 Bone Wm J ©
1801 De Sana James R © 283-2345
1812 Molewski Walter A © AV2-1281
1815 Amiot Gerald J © 282-5501
1821 Steffin Geo H Jr © AV2-5754
1826 Sileck Michl E © AV2-0383
1829 Piasecki Carl M 283-3591
1839 Hierlihy Morley G © AV2-1896

26

AL Phone 285-1010
Down River Federal Savings

1980



1-6250

33

School

J

9

r ©

14

85 WYANDOTTE HOUSEHOLDERS DIRECTORY

GODDARD RD (W)—Contd

1743 Tarjeft Roy M © 284-1013

18TH BEGINS

1807 Apartments

1 Phillips Ronald ©

1825 No Return

1843 Kotyuk Frank H © 284-0354

19TH BEGINS

1905 Mac Isaac Keith A ©

1919 Patton Thos R ©

1935 No Return

1937 Siegel Charles E 283-8750

1947 Crislip Ronald J 283-4265

20TH BEGINS

2017 Campbell Ruth ©

21ST BEGINS

22D BEGINS

23D BEGINS

FORT INTERSECTS

18 GOODELL ST (W) —FROM 1100 BIDDLE AV WEST TO D T&I R R

PO WYANDOTTE MICH

ZIP CODE 48192

70 Fronczak David M 283-2752

Vacant

1ST INTERSECTS

135 Saint Elizabeth Roman Catholic Church
284-7727

138 Fortuna Geo Rev AV4-7727

2D INTERSECTS

224 Miele Peter J 283-5228

244 Bondie Richd A © 285-4045

3D INTERSECTS

306 Welch Robt © AV4-8750

314 Holt James M 283-7149

318 House Patricia Mrs

322 Buhman Gene

326 Schack Gary 283-7965

329 Demko Joseph R © 284-7466

346 Greif Brothers steel drums AV4-7022

MC KINLEY AV BEGINS

DT&IRR CROSSES

24 GROVE ST (W) —FROM 4000 BIDDLE AV WEST TO FORT (NOT OPEN BET 9TH & 11TH 18TH & FORT

PO WYANDOTTE MICH

ZIP CODE 48192

438 Vacant

462★Edwards Clair 281-0632

466 Vacant

5TH INTERSECTS

514 Baszczuk Bertha 282-6714

524 Isaac Claude © 285-3852

533 Renaud Clarence J © AV5-8849

ALBION AV BEGINS

534 Worthington D E ©

538 No Return

544 Wilson Cleofus ©

548 Wilson Charles

556★Mc Cormack Jeffery

557 Hassell Beverly 285-0526

Kabalka John

Yatch James

562 Vacant

563 Paul Wm E © 285-2119

569 Scoles Aaron © AV5-2614

573 Wilson Buddy ©

6TH INTERSECTS

624★Crain Bonnie ©

★Puckett Brenda

634 Standifer Roger M © 285-2015

641★Smith Glenda

643 Begin Geo

643½ Grant Ronald

646 Steffka Elaine A 282-7543

652 Scoles Lloyd 285-5567

654★Clark Jeff

655 Galloway Birlien L

656 No Return

658 Armstrong Robt

666 Vacant

Vizachero Dominic © AV4-0509

671 Steelplank Corp r r equip AV5-5320

681 Kozma Helen Mrs © 282-2893

Kantchack Joseph 283-0616

7TH INTERSECTS

700-04 Matkovich Steven Jr © 283-0616

712★Nagrich Fred © 283-6461

728★Brooks Vivian ©

28½★Woodward Wm

729 Gulyban Louis ©

750 No Return

756 Vacant

758 Vacant

759 Wolverine Bumper Co platers 285-7200

8TH INTERSECTS

806 O'Neill Jack ©

9TH INTERSECTS

DT&IRR CROSSES

11TH ENDS

1106 North End Junk Yard AV2-3955

1120 Vacant

1150 Vacant

1168 Public Auto Parts AV5-4011

1212 Mercury Manufacturing screw mach

285-5150

1213 Detroit Tubular Rivet Inc AV2-7979

13TH INTERSECTS

14TH INTERSECTS

15TH INTERSECTS

1501 Monroe James Elementary School

AV2-3061

16TH INTERSECTS

17TH INTERSECTS

18TH INTERSECTS

19TH INTERSECTS

20TH INTERSECTS

21ST INTERSECTS

2101 Down River Regional Program sch

283-8220

22D INTERSECTS

23D INTERSECTS

FORT INTERSECTS

33 HARRISON BLVD (W) —FROM GODDARD RD NORTHWEST BEY CITY LIMITS 1 WEST OF 12TH

P O WYANDOTTE MI

ZIP CODE 48192

33 HAZEL ST (W) —FROM ELECTRIC AV WEST TO RIVER RD 1 NORTH OF GODDARD RD

P O WYANDOTTE MI

ZIP CODE 48192

1006 Beeler John R © AV5-1416

1007★Prush Raymond L ©

1016 Wojtala Thos J © 285-0807

1019 Auger Christopher J 285-1528

1026 Stoma Anna © 284-1557



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2323 Fort St.
Lincoln Park

TEL.
676-4900

1980

48192	2775	TONI WHEELER	2752	2802 2806	NP	1743	ANDREW MOLNAR JR	2859814	1303	JOHN E BALLARD	A	
2849714	2782	JAMES W STARK	283008	2810 C M FORTENER	0	2843387	R SWANN	2821498	1304	JOSEPH ARMIK		
2822484	2783	JOHN J STEFANIAK	2821050	2817 L A MAOER	NP	2847347	RONALD N RUSHMAN	2833961	1310	JAMES M REIDY		
NP	2790		NP	2818 2826 2827 2834	NP	2831959	JACK ARNEST	2820254	1311	WILLIAM JENNING		
2850842	2791	N L LABEAU	0	2824 R J HEINBOKEL	NP	2837981	WALTER A BIELSKI	2854256	1404	JUSTIN PERRY		
NP	2797	TROY OUELLETTE	3	2826	NP	2837981	EDWARD C RAMEY	2848420	1411	EDWARD A REUTER		
2827953	2798	RANDOLF DROUILLARD	2	2832 KENNETH HURTT	NP	2837981	BETTY ANN SHELATA	2843393	1420	STEVE CHOJNOWSKI		
2820715	2803	2806	NP	3006 DONALD C ANCPA	9	2837981	EDWARD C RAMEY	2843393	1421	FRED KOSLOSKI		
NP	2809	RAYMOND FIOLEK	NP	3012 J QUICK PAC	NP	2837981	EDWARD C RAMEY	2843393	1422	STANLEY J OLSZOW		
2826500	2822		NP	3014 M J GLECKLER	9	2837981	EDWARD C RAMEY	2843393	1423	T M HODSON		
NP	2837	JOHN J DANIELS	0	3025 PECK ELECTRIC CO	5	2848525	EDWARD C RAMEY	2843393	1424	PETER URAM		
2848066	2839	LAWRENCE D TINSLEY	2	3036 HARLAN GRANT	5	2842783	EDWARD C RAMEY	2843393	1432	CLAYTON HODGES		
NP	234	RESIDENCE	8	3054	NP		EDWARD C RAMEY	2843393	1437	THEODORE WASZTYL		
2824863	2842	THIRD	48192	3206 MARK HERMAN	NP	-2820691	EDWARD C RAMEY	2843393	1445	GEORGE H WILLIAM		
2827712	NP			3212 3214 3220	NP		EDWARD C RAMEY	2843393	1452	JAMES L BULCHAK		
NP				3310 MORGAN APTS	NP		EDWARD C RAMEY	2843393	1453	MAXINE LARETZ		
2814871	NP	900- 1999 T 5801	\$E**E 7	*21 UNITS			EDWARD C RAMEY	2843393	1460	LEONARD JOZWIAK		
2824297	NP	2000- 3299 T 5807	\$D**E 7	*MCTAGGART MGR			EDWARD C RAMEY	2843393	1461	FRANK F KOLAKOWE		
2845629	NP	3300- 3799 T 5808	\$D**E 7	G H ARNOLD			EDWARD C RAMEY	2843393	1466	RAYMOND J KRAFT		
2848279	NP	922 PAUL MALONEY	2	LOUISE CZADZECK	3	2853192	EDWARD C RAMEY	2843393	1468	VIRGINIA CAMPBELL		
NP	2823219	925 JEFF WINDHURST	2	ROBERT GEMINDER	3	2832043	EDWARD C RAMEY	2843393	1478	L LOZEN-KOWALSKI		
NP	2824644	931 DAVID HAYDON	NP	RICARDO LONGORIA	3	2831924	EDWARD C RAMEY	2843393	1485	MARVIN PRINCE		
NP	2820746	937	NP	RONALD LUCZAK	2	2825909	EDWARD C RAMEY	2843393	1486	ALEX SIMPSON		
NP	2821561	939 D P PODVOYSKI	0	M A MCCARTHY	6	2821863	EDWARD C RAMEY	2843393	1493	ERNEST A VOROS		
NP	2826289	945 K D GALLAGHER	0	LILLIAN C OPHOFF	7	2834369	EDWARD C RAMEY	2843393	1494	G T HIGGINSON		
NP	2825178	946 RAYMOND GEIST	2	S PENDERGAST	6	2821863	EDWARD C RAMEY	2843393	1502	H I PRZYGOCKI		
NP	2823253	951 WILLIAM J FALZONE	0	SANDRA PILLINGER	3	2834369	EDWARD C RAMEY	2843393	1503	SAMUEL D MCBURNE		
NP	2820751	956 CHARYL FARKAS	3	J A SILVASSY	8	2821863	EDWARD C RAMEY	2843393	1508	JAMES A BECK		
NP	2828743	957 A M KENNEDY	2	MARY VAKSEV	2	2834369	EDWARD C RAMEY	2843393	1516	RUSSELL J MAHONY		
NP	2846357	1104 BOBBIE THORNTON	3	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	1523	JAMES A GLOTFELT		
NP	2855472	1105 SUJIT GHOSH	3	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	1526	HAROLD R EGGERT		
NP	2821703	1109 P VAUGHN	8	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	1531	STANLEY MARKOWSKI		
NP	2822596	1110 JOSEPH DELIZ	8	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	1534	1542		
NP	2855472	1116 OPAL SMITH	8	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	1550	JAMES R STEWART		
NP	2821703	1117 CHARLES J GIRRBACH	8	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	1551	THOMAS D PIZZO		
NP	2822596	1122 T BOWSER	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	1558	MARVIN E WISCHEF		
NP	2855472	1129 JOSEPH ZALENSKI	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	1559	FRANCES ADAMS		
NP	2821703	1130 1134	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	1565	1802		
NP	2822596	1135 ROSS TOWNSEND	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	1567	SHARON STOREY		
NP	2855472	1140 LOYD L LUDWIG	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	1570	GEORGE J HAZEY		
NP	2821703	1147 PETER S GRABOWSKI	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	1710	L A GRAVES		
NP	2822596	1151 1152	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	1711	K ELLIOTT		
NP	2855472	1158 VIRGIL KEITH	5	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	1720	D M KORTAS		
NP	2821703	1159 SALVATORE CATALDO	6	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	1725	RONALD WELCH		
NP	2822596	1201 M E SHERLITZ	0	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	1730	JACK J WAGNER		
NP	2855472	1218 C J RIDDICK	2	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	1733	WILLIAM USZYNSKI		
NP	2821703	1226	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	1747	MIKE CIEMIOREK		
NP	2822596	1624 JAMES E STEWART	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	1752	BARBARA L STRUT		
NP	2855472	1640 JOHN WICKER	0	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	1756	D GARRISON TESCI		
NP	2821703	1646 MIKE CUTRELL	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	1758	EDWARD MICHALAK		
NP	2822596	1704 T ARMSTRONG	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	1765	L J BALAVITCH		
NP	2855472	1708 GERALD HASSELL JR	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	1766	JAMES M STAWKEY		
NP	2821703	1709 RICK OVERHOLT	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	1773	1778		
NP	2822596	1715 THOMAS O BASSHAM	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	1781	JOSEPH C WOODWARD		
NP	2855472	1721 JAMES F KILANDER	8	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	1788	RAMOND R HEDWA		
NP	2821703	1722 LEE HUNT	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	1795	PAUL HUGHES		
NP	2822596	1726	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	1800	VICTORIA ZARBAK		
NP	2855472	1727 ELMER BINION JR	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	1808	PHINEAS LEWIS		
NP	2821703	1732 1733 1738 1739	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	1809			
NP	2822596	1744 MIKE HONHARA	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	1814	D J MULLINS		
NP	2855472	1745	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	1815	JOHN POTAS		
NP	2821703	1750 WALTER F LITWINSKI	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	1816	FRANK L SARNOWSKI		
NP	2822596	1751 1756 1757	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	1832	CLEMENT E ROLLIT		
NP	2855472	1762 MICHAEL J GAZDA	0	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	1842	SANDY OPOSHON		
NP	2821703	1767 DENIS NORMAND	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	1850	EDWARD S MATERN		
NP	2822596	1768	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	1851	JACOB S STOGIER		
NP	2855472	1775 EARL FIELDS	3	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	1858	JAMES L PALAMAR		
NP	2821703	1782 ROSS A SUTHERLAND	6	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	1861	PAUL A REZPA		
NP	2822596	1802 M BARNARD	3	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	1866	JOSEPH WOJTKOWSKI		
NP	2855472	1803 LEO J FILIPAK	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	1867	THOMAS L ADAMS		
NP	2821703	1804 GLENN BRUCE	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	2030			
NP	2822596	1809 BILLY E CORNETT	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	2038	BOLESLEW BARDON		
NP	2855472	1812 1815 1818	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	2048	EDWARD BZURA		
NP	2821703	1823 ANDREW JAGIELSKI	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	2049	D MILANER		
NP	2822596	1829 WALTER C HURST	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	2051			
NP	2855472	1830 CARL GIBARATZ	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	2053	H COON		
NP	2821703	1835	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	2055	KELLY CORREY		
NP	2822596	1837 ADOLPH MADERA	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	2057	DALE P JACKSON		
NP	2855472	1840 PAUL KOLAKOWSKI	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	2059	LARRY BARTON		
NP	2821703	1845 EDW F TOPOROWSKI	6	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	2063	K ADAIR		
NP	2822596	1846 CAROLYN RIGLEY	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	2110	THOMAS PLACINSKI		
NP	2855472	1850 ROBERT J MESZAROS	2	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	2113			
NP	2821703	1851 PETER J MESZAROS	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	2118	JOHN M CHASCSA		
NP	2822596	1857 1858 1862	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	2136	2144 2147 2183		
NP	2855472	1863 HELEN D COX	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	2169			
NP	2821703	1866	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	2181	J GLEGG		
NP	2822596	1871 STEVEN J SIMON	0	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	2202	GEORGE MARGITAN		
NP	2855472	1874 JOSEPH SZYDLOWSKI	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	2210	LAWRENCE MALKOW		
NP	2821703	1877 GEORGE THOMSON JR	9	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	2222	JOHN MAREK		
NP	2822596	1885	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	2232	EDWARD SLITKA		
NP	2855472	1897 CAROL SHOWLER	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	2233	2241		
NP	2821703	1901 2031	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	2242	WILLIAM L COHOO		
NP	2822596	2032 DAMON BERRY	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	2249	STANLEY SWIDERS		
NP	2855472	2033 E R NICHOLS	7	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	2259	2259 2339		
NP	2821703	2038 E R NICHOLS	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	2359	DEAN M VARGA		
NP	2822596	2039 2043	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	2384	JOHN I GARDOCKI		
NP	2855472	2046 HENRY E FRONCZAK	NP	3355 SHY LOOKS HAIR DRS	NP	2821863	EDWARD C RAMEY	2843393	2392	2398		

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2721 JOHN P KARAS CPA 2836615
2722 WALTER CHOJNOWSKI 2836026
2723 2729 2736 2737 NP
2744 E MROCE
2747 MARK CONTI 2822453
2748 JODY SHELLER 2836190
2749 BEATRICE STEWART 2827472
2750 KIDS FROM 9 TO 90 2844248
2753 MARK BREWER 2845739
DAVID SKIRA 2843679
KURT A WANGBICHLER 2847822
LAWRENCE WHITE 2820229
2758 D A BLOOMFIELD 3 2820507
2769 ARTHUR A LYBIK 2841763
2774 A THOMAS WATKOWSKI 2833088
2775 JOHN J STEFANIAK 2821050
2790 MICHAEL JODWAY 2836752
CHARLENE MORGAN 2843647
2797 DEBBIE SOCULL 2828296
2803 REV R ZABOROWSKI 7 2813082
2806 RAYMOND FIOLEK 2845253
2822 FRED SCHMIDT 2841185
2835*PIONEER DATACOM 2837900
2837 JOHN N STANKO 7 2835617
2839 LAWRENCE D TINSLEY 2 2853460
236 RESIDENCE 12 BUSINESS 48192

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900- 1999 CT5801 \$E**E 7
2000- 3299 CT5807 \$E**E 7
3300- 3799 CT5808 \$E**E 7
922 A LEE 5 2835441
PAUL MALONEY 8 2840168
DOUGLAS ST CLAIR 8 2849468
925 WILLIAM J CHRISTENSEN 2849718
931 C YURKO 7 2805086
945 K D GALLAGHER 0 2835242
946 RAYMOND GEIST 2 2821759
950 951 NP
955 CRAIG PETERS 2845817
967 BOBBIE THORNTON 4 2813404
1105 D M SHABNOW 8 2842235
1109 P VAUGHN 3 2826251
1110 T DELTZ 8 2846203
1116 OPAL SMITH 2812532
1122 ANTONETTE SYC 8 2823842
1123 JOSEPH ZALENSKI 2823920
1130 1134 NP
1135 ROSS TOWNSEND 2820743
1140 PETER S GRABOWSKI 2821682
1151 VIRGIL KEITH 2844183
1159 SALVATORE CATALDO 7 2824771
1204 C J RIDDICK 2828788
1226 JAMES E STEWART 4 2812389
1624 1646 1703 1704 NP
1708 REBECCA MCNAUGHTON 6 2857333
1714 K A BASSHAM 2827566
1720 2853362
1721 A THEISEN 8 2842339
1722 ROBERT HUNT 8 2847854
1726 ELMER BINTON JR 2825438
1732 KEN AHRNS 2848502
1738 1739 NP
1744 MIKE HONHERA 2846798
1745 DENNIS SIMPSON 2857955
1751 1756 1757 NP
1762 B R CAILLOUETTE 7 2855829
1767 DENIS NORMAND 2825131
1768 BRENDIA J CAMPBELL 8 2838614
1775 ALFRED TORRES 7 2841774
1782 TERRY L LAURAIN 8 2858244
1802 KATHLEEN HALL 2856409
1803 JOAN YOSCOVITS 2821363
1804 BILLY E CORNETT 4 2827114
1812 1815 1818 NP
1823 ANDREW JAGIELSKI 2845422
1829 WALTER C HURST 2844672
1830 KAY UGORCAK 8 2828779
1835 RONNIE LEE TYRA 6 2837368
1837 ADOLPH MADERA 2843069
1840 PAUL KOLAKOWSKI 2845767
1845 EDW F TOPOROWSKI 2828618
1848 S M CLARK 8 2829003
1851 PETER MESZAROS 2 2846674
1852 JAMES F RATLIFF 8 2849014
1862 1863 1866 1873 NP
1874 JOSEPH SZYLOWSKI 2848940
1877 1895 NP
1897 STEVEN SHOWLER 8 2853399
2017 2031 2032 2035 NP
2038 E R NICHOLS 2844521
2039 VINCENT PIZZO 2827407
2047 SHARI RAUSER 2835842
2055 B H TARNOWSKI 2812030
2058 2115 2121 2129 NP
2131 BILLIE R STEFFEY 8 2826149
2302 MARIAN J LEKITY 8 2850609
2303 J C MAHONEY 8 2844053
2309 ROBT TORZEWSKI JR 7 2822276
2310 2316 2319 NP
2322 PATRICIA PAULINE 2858836
2323 2333 2336 NP
2338 B HOUKINSON 2849686
WILLIAM F SIMPKINS 2 2848444

26811388 2538
2681387 2621 WILLIAM KEMPKE
2681387 2631 DWIGHT CHASTAIN
2681387 2637 JERRY BROSSIA
2681387 2643 BALINT SEZKELY
2681387 2716 CHARLES JONAS JR
2681387 2723 JOHN GOLOVICH
2681387 *PROGRESSIVE ACCTNG
2681387 2727 LOUIS GOLOVICH
2681387 2728 BILLIE J ERSKINE
2681387 2731 2734 2737 NP
2681387 2738 PERAL PHILPOTT
2681387 2744 MATTHEW SIENLAK
2681387 DANNY J ULIBARRI
2681387 2752 S FRALEY
2681387 2802 S P SPANO
2681387 2810 2817 2818 2826 NP
2681387 2827 DANA BELINC
2681387 2834 R J HEINBOKEL
2681387 2826 2932 NP
2681387 3006 DONALD C ANCPYA
2681387 3012 JEROME GREEN
2681387 3014 3022 NP
2681387 3025*PECK ELECTRIC CO
2681387 3036 HARLAN GRANT
2681387 3054 NP
2681387 3206 D L RITZERT
2681387 3212 GEORGE C DAVIS
2681387 3214 3220 NP
2681387 3310*PRIMADORE APTS
2681387 *21 UNITS
2681387 *FINAZZO INVMTS CO
2681387 ANTHONY O ALFANO
2681387 GERALD BARCHETT
2681387 RONALD J BARWINSKI
2681387 W J BELMAN
2681387 B BELMONT
2681387 TIMOTHY BUCHKO
2681387 DONALD DAVENPORT
2681387 DAVID A DESANA
2681387 GUY FORD
2681387 STANNIE GALESKI
2681387 M GAYNIER
2681387 JENNA GIBBINS
2681387 JAYNE M GORHAM
2681387 ANNE PIGOTT
2681387 H N RAISBECK
2681387 A SALESKY
2681387 DAVID WILLIAMS
2681387 3353*THE VIDEO ZONE
2681387 3355*MITCH CANCER FNDTN
2681387 *UNTD OSTOMY ASSN
2681387 3357*ST CLAIR STYLISTS
2681387 3359*QUILT BASKET
2681387 3361*LYNCH DANCE SPLY
2681387 3363*PRISKORN & PANSON
2681387 3426 RANDOLPH SPENCER
2681387 3432 D M BAKER
2681387 DONALD HENSLEY
2681387 3450 EDWARD H SMITH
2681387 3454 VIRGINIA WARZECHA
2681387 3504 RICHARD G JUCHARTEZ
2681387 3522 3540 3542 3544 NP
2681387 3616 JOHN KLANICZA
2681387 3626 NP
2681387 3634 THOMAS TURNBLOM
2681387 3640 C J CARTER
2681387 3646 EDWARD BOGART
2681387 WM JABLONSKI JR
2681387 V P PISCITELLI
2681387 3658*TOPPERS TAVERN
2681387 3704 WALLACE MARCUM
2681387 3714 KIRK & SON INC
2681387 3716 206 RESIDENCE NP
11 BUSINESS 48192

● **THIRTEENTH** 48192
1000- 1999 CT5804 \$C**E 6
3300- 4799 CT5809 \$C**E 6
1031 PAUL J PAGANO 2859637
1037 MIKE T PALAZZOLO 6 2811876
1052 JOSEPH C LOPICCOLO 2828291
1063 JAMES E SACK NP
1071 R V MCINNIS 8 2843480
1079 DONALD T SZCZESNY NP
1087 JULIUS E KUCIA 2852291
1095 FRANK VLODYKA SR 2851918
1101 PATRICK C STEWART 7 2859137
1114 PETER PIZZIMATTI 2849185
1119 HARVEY FAMBROUGH 2852982
1205 JOHN C ROWAN 2848375
1215 WILLIAM ALLMAN JR 2822864
1216 JOSEPH IACOPPELLI 0 2829137
1225 RICHARD PHELPS 2825231
1234 THOMAS J JANKOWSKI 2822830
1237 FRED RANDALL 2840637
1242 KATHERINE DAVIS 2859382
1245 ROGER SHIFFLETT JR 1 2843667
*THE OUTER DMSN 2848975
1250 LEONARD W MALWITZ 2834287
1253 ROBERT ALLARD 2 2830474
1262 HAROLD E ROUSH 2847583
1263 ROBERT BURGESS 2846242
1270 JOE A EZELL 2 2827292
1271 BENJAMIN BLAKESLEE NP
1279 JOSEPH MARTIN 2842958
1287 DEBORAH MCGURK 6 2859003
1288 DEBORAH MCGURK 8 2837032
1294 ARTHUR PACTORKA 4 2832025
1295 KERMIT CABELL 2834316
WILLIAM POLGLASE 2822681
DONALD ICENOGLE 5 2832431
1302 E M TAYLOR NP
1310 JOHN S TREFETHEN 2826413
1311 LAWRENCE J KEARNEY 2826445
1405 1412 1415 NP
1420 HENRY RUTKOWSKI NP
1423 R JERNIGAN 2820726
1428 GORDON CHURCH 6 2842838
1431 K A KNITTEL 6 2846468
1439 EDWARD KROPOG JR 7 2852428
1440 GEORGE H HERRON 2831893
1447 MICHAEL BZURA 2822278
1448 NP 3 2831446

1501 M MIGOSKI 1504 1511
1512 THOMAS A LABADIE
1517 JAMES P DULIMBA
1520 S MAZZARESE
1525 JOSEPH ET ALKA
1528 DAYTON BROWN
1533 JAMES W WROCK
1536 JOSEPH KARAFIA
1546 DICK CARROLL
1547 RICHARD ROMAY
1553 J BODART
1559 R L SWENSON NP
1702 R WALLACE W MERRITT
*TROPHY CHARTERS
1705 JOSEPH M DALTON
MIKE DALTON
1711 LOUIS W BEHM JR
1716 VINCENT BROILLET
MICHELE COUSINO
BILL WISNIEWSKI
1723 1732 NP
1733 GREGORY LOTT
1738 CHESTER PARISH
1743 ANDREW MOTT JR
1744 WILLIAM SIELSKI
1751 RONALD N RUSHMAN
1756 WM M KARPINSKI
1765 WALTER A BIELSKI
1772 LADELOW WITT
1773 B A SHELATA NP
1781 1792 1795 NP
1793 TERENCE MCGRATH
1804 DR E T BOTT
1809 JOSEPH RUSNAK
1812 HERBERT W GIRARDIN
1814 NP
1820 TERRY BAXTER
1821 V H ALABORZINSKI
1829 BRUCE JOSE
1834 JOSEPH W LITTLE
1837 NP
1843 C PRZYTYLA
1846 LEO CICHOCKI
1849 EUGENE R STAHL
1854 FRANK TARNOWSKI
1855 NP
1866 ANTHONY STRINGA
1869 ELTON BAILEY
1872 NP
1876 JOSEPHINE KALESAR
1878 DOMINIC ROMANOWSKI
1882 NP
1884 FRANCES JACKMAN
1885 NP
1886 CHESTER BURZYNSKI
1887 JOHN SPENCER
1888 JAMES A ESTILL JR
1889 EDWARD A IZICKI
1890 REGINA MARCHEL
1894 WALTER A PTAK
1895 TOLLEY
1896 PAUL A MILES
1897 NP
1898 ANTHONY BECK
1899 FRANK TOTH
1900 3403 NP
1901 LEONARD KUTCEWSKI
1902 3409 NP
1903 MICHAEL THON
1904 D ROBSURY
1905 DONALD NATZKE
1906 GERALD BLANCHETTE
1907 ROBERTA SCOTT
1908 ADAM LARETZ JR
1909 NP
1910 MICHAEL T HARTMAN
1911 DARRELL JEZLYO
1912 3505 NP
1913 RHONDA GRIFFEY
1914 3510 NP
1915 FREDERICK J YOUNG
1916 JOSEPH KOWALCZYK
1917 NP
1918 PAUL E NELSON
1919 JUANITA M GIRARD
1920 FRANK MANTUA
1921 3563 NP
1922 D P BROWN INC
1923 D P BROWN CORP
1924 REST INDC INC
1925 *W C ASSN FOR RETRDD
1926 *DOWNRVR ASSN RTDR
1927 *PRODUCTN FINISHNG
1928 *STEFEN COMPOUNDS
1929 *ATLAS SPECTLY BAGS
1930 *PLASTIC LINER CO
1931 *PARK SCREW PROD
1932 *MICHIGN INDSTL PIP
1933 *MICHIGN INDSTL PIP
1934 *EAGLE INDUSTRIES
1935 *WYANDOTT EPT&TLG
1936 *CARBIDEX CORP
1937 *INDIAN LAINES
1938 *EAGLE TRAILERS INC
1939 *WYANDOTT INDSTR
1940 *BENCHMARK INC
1941 *PARK INDSTRS INC
167 RESIDENCE 25 BUSINESS

● **TRITON DR** 48192
1000- 1099 CT5808 \$E**F 7
1000*TRITON ENGNRNG&MFG 1 BUSINESS 48192

● **TWELFTH** 48192
1000- 1999 CT5804 \$C**E 6
2000- 3299 CT5806 \$E**E 6
3300- 3899 CT5809 \$E**F 6
1013 O W GATES NP
1031 TED W LENARD SR NP
1038 GERALD BRUNO 8 2859628
2810480 2392 2398

6 2840901
3 2857958
6 2832574
2823973
4 2825927
2848298
2855078
2852540
1 2810740
2855185
2846541
2831996
2850035
2822857
3 2818558
2828602
2849733
8 2821762
4 2817229
2822678
2859614
5 2847935
3 2833961
8 2859598
2822678
2824920
2831932
6 2830320
4 2820521
8 2857700
2826432
8 2849284
2855768
2 2841273
2822749
NP
2829197
2842269
2822126
2834453
7 2826223
2823127
NP
2823855
2821987
NP
8 2837694
NP
2827908
7 2820908
2835233
0 2832523
2843857
2859475
2859475
2853233
2844930
2850438
NP
2851457
NP
2831057
8 2838261
2855369
8 2849461
2836707
2844133
2839972
NP
2855537
2855549
NP
6 2833465
NP
2847026
NP
2830758
NP
7 2844035
2836040
2 2834869
NP
2844822
2844822
2834100
2838955
2833355
2830710
2830710
2833535
2857333
2812444
2850660
2827977
2852161
3866500
3866500
2833882
2842213
2833000
2834700
2834000
2838844
2850900
2841800
25 BUSINESS
48192
2138 JOHN M CHASCSA
2136 DAVID L WARE
2144 2147 2163 2169 NP
2181 JOSEPH LECLAIR
2202 GEORGE MARGITAN JR
2210 LAWRENCE MALKOWSKI
2222 EDWARD SLIWKA
2232 2241 NP
2242 WILLIAM L COHOON
KELLY WILSON
2249 STANLEY SWIDERSKI
2257 2259 2339
2359 JAMES REAU
2384 JOHN I GARDOCKI
2392 2398 NP

1113 JOSEPH J COHEK
1120 J MORSELLO
1121 HAROLD WILKIN NP
1129 C TOBASCO
1130 JOHN TOBASCO
1137 JEFFREY N SABUDA
1142 ERWIN J MARYNOWSKI
1145 DANIEL HERNANDEZ
1205 HUBERT BEAT NP
1208 1212 1215 1220 NP
1221 LEONARD TARNOSKI
1231 HOWARD J BROHI
1236 S KNITZEWSKI JR
1239 NP
1246 NORRIS KRATES
1247 NORRIS S KRATES
1254 THEODORE DONKOSKY
1255 JOSEPH W STEVENS
1262 ROBERT A MULLIGAN
1262 GLENN C MACGEOGHEE
1270 HARRY J LANCE
1271 KEVIN VANBOXXELL
1278 NEIL MCKINNIE
1279 NP
1287 E J ZIELINSKI
1288 JOHN L MALAY
1294 D J GUIA
1295 EDWARD POLIKSA
1304 NP
1310 JOHN E BALLARD
1310 JOSEPH ARMIK
1311 1404 NP
1405 JUSTIN PERRY
1411 EDWARD A REUTER
1420 STEVE CHOJNOWSKI
1421 FRED KOSLOFSKI
1428 STANLEY J OLSZOWY
1429 T M HODSON
1436 PETER URAM
1444 THEODORE WASZTYL
1445 MAX HEIMANN
1452 NP
1453 MAXINE LARETZ
1460 LEONARD JOZWIAK
1461 NP
1466 FRANK F KOLAKOWSKI
1469 NP
1477 VIRGINIA CAMPBELL
1481 LOZENKOWSKI
1485 MARVIN PRINCE
1493 ERNEST A VOROS
1494 JO HIGGINSON
1502 H I PRZYGOCKI
1503 JACQUES BOURGET
1508 NP
1515 JAMES A BECK
1516 IAN S JOHNS
1523 MICHAEL ELSSESSER
1528 NP
1531 STANLEY MARKOWSKI
1542 B SMITH
1550 B J STEWART
1551 THOMAS D PIZZO
1558 MARVIN E WISCHER
1559 NP
1566 JOHN A KURSCHINSKI
1567 DENISE ADKINS
1572 NP
1573 GEORGE J HAZEY
1574 NP
1575 WILLIAM USZYSKI
1576 MIKE CIEMIREK
1578 MIKE CUTRELL
1579 ALBERT R AULT
1585 EDWARD MICHALAK
1586 JAMES M STAWKEY
1587 ROSE GRZELA
1588 NP
1589 CARL MISSLER
1589 RAYMOND R HEDBA
1595 B TRUPINO
1596 L TRUPINO
1600 VICTORIA ZARBAUGH
1603 1608 NP
1609 BRIAN FORINTOS
1610 R FORINTOS
1611 JOHN POTAS
1612 MARK DRABCYK
1613 NP
1614 M E ROLLING
1615 NP
1616 EDWARD S MATERNIK
1617 NP
1618 JAMES L PALAMARA
1619 PAUL A RZEPKA
1620 JOSEPH WOJTKOWIAK
1621 THOMAS L ADAMS
1622 NP
1623 BOLESLEW BARDONI
1624 EDWARD BZURA
1625 S SELKE
1626 DAVID VANDUSEN
1627 CHARLES J MCEWAN
1628 2057 2059 2063 NP
1629 NP
1630 THOMAS PLACINSKI
1631 NP
1632 JOHN M CHASCSA
1633 DAVID L WARE
1634 2147 2163 2169 NP
1635 JOSEPH LECLAIR
1636 GEORGE MARGITAN JR
1637 LAWRENCE MALKOWSKI
1638 NP
1639 EDWARD SLIWKA
1640 2241 NP
1641 WILLIAM L COHOON
1642 KELLY WILSON
1643 STANLEY SWIDERSKI
1644 2257 2259 2339
1645 JAMES REAU
1646 JOHN I GARDOCKI
1647 2392 2398 NP

WYANDOTTE	48192
Jason Fraley	246-2893
Rhonda Manzanarez	285-8644
Phil Mariasy	92 282-2904
S Truskowski	93 283-9538
E M Rayburn	92 283-9417
Ray Dakin	93 282-4352
A Catalano	90 283-4325
Gem Sewing	284-7370
James Lucas	246-3405
Mary Keithley	85 285-2974
D Mitchell	283-1220
Charles D Gillan	80 281-1242
2610	NP
Frank Putz	65 282-6996
2628 2640	NP
Joseph Ligenza	69 282-5530
William E Harris	90 282-1204
2729	NP
L E Gordon	75 282-5679
St John Ch Christ	72 282-5838
Shelley Jarvis	76 285-6429
Shelley Jarvis	92 285-9855
S Beverly	86 285-0223
E Doute	90 282-5503
C Epperson	90 283-4352
Lydia Laczko	84 283-7113
M Palletier	92 283-0139
Paul L Rose	91 285-4973
Mehlhose Ice Cream	284-8500
Rodolfo Avila	87 281-1247
Juan Chavez	246-3519
Andrew Patterson	63 284-0787
Wyandott Chhc Schl	87 285-2030
Bradley Zimmer	93 284-6791
Donald Hedger	246-3256
Thomas Dudus	80 285-0215
A W Welke	63 284-7813
L Prather	92 284-8276
Kubas & Son Plbg Co	91 283-1505
Larry Riley Jr	93 285-3507
Jacoby & Sons Plstrg	246-3911
Susan M Korzowski	284-5421
Fred Hinkle	91 281-8573
Paul Badgley	64 284-1375
Gerald F Gass	68 283-0195
David Kubiak	93 283-5180
George Berezky	89 285-7828
Michael Gormley	85 283-4432
Pelletino Fathers	285-2966
Steven G Matkovich	91 283-5124
Terry Faust	89 285-5084
Louis Posey	85 281-7875
P Cox	281-4049
J Cote	93 282-8235
John Lafrance	91 285-1098
James Manning	93 284-5208
W C Reitsnyder	85 284-5352
Joseph Szalay	93 281-0645
Howard Bodenmiller	86 285-9514
W Leonard	85 283-0192
Leon J Buber Sr	91 285-7132
Wyandotte Barber	91 285-1320
G B Lamb	92 283-7666
RESIDENCE	12 BUSINESS
GARFIELD	48192
600- 799 CT5802	\$D.C 5
Robert Laney	90 282-3152
Susan Kennedy	93 283-9185
Emil Black	72 284-7238
Henry Trusewicz	76 283-0427
Charles L Bodnar	72 284-5440
Apartment	NP
12 Units	NP
R Campbell Owner	NP
William C Conat	283-7122
David Newsome	281-4370
Austin R Labadie	78 283-8675
RESIDENCE	12 BUSINESS
LENN CT	48192
1100- 1199 CT5806	\$D.D 5
Benny Perkoski	63 282-0747
Douglass Ochmanek	63 282-0747

GODDARD	48192
30- 399 CT5801	\$E.C 6
400- 1198 CT5802	\$D.C 5
401- 2099 CT5803	\$D.C 5
66	NP
76 Charles Reames	91 283-5705
102 Charles Raupp	88 282-0241
108 113 118 119	NP
120	NP
126 Chris Lapeer	283-4239
127 I Balke	282-4423
138	NP
139 Michelle Frisbee	92 282-9637
141 Apartments	NP
F-2 Michale Danforth	285-8432
149	NP
202 Apartments	NP
F-2 Tim Collins	285-6053
Richard Madary	93 282-4552
Billy Copado	82 281-7616
227* Goddard Fmly Markt	90 284-9850
240 302	NP
306 Arthur Wery	73 285-9761
314	NP
315* All Js Welding	284-6990
320 Darin Smith	89 284-8992
326 332 338	NP
346 Robyn Hinson	82 281-8474
414* Eagle-Prmr Realty	81 281-3622
*Ro-Don Lawn Serv	89 281-7922
415* Lattas Feed Co	83 282-5745
426 Bernard Bourasaw	54 282-0440
435 Peter F Shonk	54 282-2172
437* P Consiglio Trcking	93 284-0430
448 C Cavell	93 282-8670
461 D Smith	246-3682
*J G Gravel Aty	285-9235
506* Dwnrvr Marine Elct	90 285-8620
*S Shore Marine&Hrd	90 285-6110
512* Marine Propellers	81 281-1730
522 524	NP
542* Wyandotte Video	282-1423
550 J B Genaw	79 283-7027
551 Apartments	NP
3 David Roop	246-5648
5 Julie Zewicke	285-9032
558 560	NP
567 C Brown	281-0367
V Markowski	91 282-0485
L J Nowak	93 281-8412
Andrew P Shonk	91 285-9426
606* Elmers Steak&Banqt	83 284-2345
*Elmer Steak Pit	85 284-2345
*Elmers Steak Pit	88 284-2345
*Hand-D Chair Rntl	83 284-2345
*Steak Pit Hall	83 284-2345
*Steak Pit Restrnt	284-2345
610	NP
616 David B Leblanc	246-8733
*Blains Tree Serv	90 281-0325
623 628	NP
631 James E Owsinek	87 281-4963
632 L Demmick-Brantle	91 284-4169
637 Elmer R Pugh	86 282-4430
651 Kathy Verduce	91 282-9862
652	NP
657 C F Helber	75 282-8472
660	NP
663 Nicholas C Rieger	68 282-5298
684 Jesse Staten	91 281-4807
667	NP
670 James B Pelkey	88 281-0077
673	NP
677* Klip&Komb Beauty	90 285-3030
706 Joseph McIntosh	61 285-2956
711 717	NP
720 Murdie R Fortune	87 281-7614
729 Debra K Tolbert	90 282-2062
732 Cecil Boardman	54 282-3506
739 Donald Tolbert	284-0467
747 Kevin Mc Farland	282-9511
804 M A Duclo	282-2143
805* Handee Food Center	90 281-2720
*Overseas Exch Impt	93 281-3131
807 814 820 821	NP
826	NP
827 Thomas W Hatley	89 282-8697
835	NP
848 Arthur Beauparlant	87 285-0031
862	NP
874 Stanley Jasinski	54 285-1189
882	NP
891* Taft Elem Lth Key	92 281-0718
*Taft Elementary	246-8337
906 951	NP
952 Alex E Kish	66 282-6728
959 Clyde Stephens	74 282-9273
962 Richard L Alan	58 285-2141
970	NP
975 Joseph Konwinski	284-7915
978 Robert Essig	246-3440

GOODDELL	48192
100- 399 CT5801	\$E.C 6
136	NP
138* St Elzabeth Chrch	87 284-7727
224	NP
244 Richard Bondie	71 285-4045
306 Robert H Welch	59 284-8750
314 318 322 326	NP
329 Joseph R Demko	73 284-7466
346* Greif Bros Corp	78 284-7022
9 RESIDENCE	2 BUSINESS
GROVE	48192
400- 806 CT5808	\$E.D 5
1100- 2399 CT5809	\$D.D 5
524 Claude Isaac	70 285-3852
534	NP
538 Peggy Holley	282-2457
544	NP
573 Allen Stuck	281-0652
635* Mag Machine&Tool	89 281-1700
671* Equipment&Matrl	91 284-8711
*Erie Environmentl	91 282-3743
700 S Matkovich Jr	64 283-0616
704 710	NP
712 Verna M Nagrich	82 283-1791
728	NP
729* Dwnrvr Htng&Air Cn	92 285-8088
759* Douglas Elec Co	91 281-6994
1106* North End Junk Yrd	65 282-3955
1120	NP
1168* Public Auto Parts	90 285-4011
1212* Mercury Mfg Co	72 285-5150
1213* Detroit Tubular Rv	85 282-7979
*Det Tublr Rivet	88 386-2334
*Det Tubular Rivet	67 386-2334
1501* Monroe Elementry	246-8334
1505* Monroe Elem Lth	92 281-0713
2101* Wayne Co Hd Str	91 283-8344
*Wyan Head Start	91 283-8344
*Madison School	246-8383
11 RESIDENCE	16 BUSINESS
HAZEL	48192
1000- 1099 CT5802	\$D.C 5
1008 J R Beeler	65 285-1416
1007	NP
1016 S Chlebek	91 282-9107
1019 Roger E Setzke	82 281-1819
1028 Henry Moszynski	84 284-1557
1031 Robert McIlvenna	71 281-1332
1034	NP
1037 L J Tyrna	77 285-0256
1042 Walter Pason	284-6592
1047 1050	NP
1055 Joe Ksell	70 284-4579
1058 John Chlystek	75 284-0021
1063	NP
1066 Harvey W Kromrei	69 285-1945
1071	NP
1074 Michael Musick	90 283-8240
1079	NP
1086 Harold Tilk	86 281-2759
19 RESIDENCE	NP
HIGHLAND	48192
200- 799 CT5802	\$D.C 5
253 255 263 271	NP
277 285	NP
292 Glen Sidebottom	54 284-3832
293 295 297	NP
298 John C Jedynak	93 282-2182
304	NP
311 James F Philip Sr	79 281-8540
313	NP
314 Jamie Cowie	246-3740
320	NP
321 Matthew Bigliardi	246-5417
327	NP
333 Bill Meachum	281-1884
334 Paulette Pashenee	281-4312
338	NP
338 Elbert A Larson	76 282-0159

WYANDOTTE	48192
365 R F Dein	93 282-9781
366 R C Holverstott	79 284-2584
369 Zigmund F Ochmanek	61 282-3622
376 George W Werner	87 284-9769
383	NP
384 Alfred F Schossau	70 282-8410
389 S McMahon	93 283-8285
390 Alphonse Juszcuk	76 282-6235
391 Virgie Williams	54 284-2738
396	NP
397 Bernard J Laurain	69 282-5848
400* Highland Cash Mkt	61 282-3915
419 Peter T Homiak	60 284-7377
424	NP
430 Anthony L Zdunczyk	62 283-1040
431 Gary M Hickman	74 281-8546
437 Milford Forney	69 284-7302
439 Walter A Thomas	54 284-8159
442 John Kowalczyk	79 282-2733
456 J A Casey	79 281-2919
463	NP
468 Jay Murray	92 283-0631
471	NP
476 Sharon G Pinkowski	92 283-5602
477	NP
485 Apartments	NP
3 Bridget Begin	89 282-0068
Michael Pevovar	89 285-7087
Michael P Pevovar	88 281-1918
Stanley A Jurczyk	80 282-3075
Theodore Bailey	84 284-7009
486 Frederick Caruso	54 282-0762
506 Leon Pashnick Jr	68 285-2557
507 Edw P Okonkowski	55 284-4722
522 Vito Mazzola	80 282-6768
523 Wladyslaw Blonski	92 282-6834
531	NP
532 Santo Chirco	70 284-7552
542 543	NP
547 Jim Watt	246-6654
803 Larry Szyska	78 283-3508
610 Eric Krimmel	282-7182
Henry E Krimmel	64 282-0616
611 Richard H Teifer	71 282-3060
615 624	NP
631 Cherry Palazzolo	89 285-3847
Robert A Palazzolo	91 284-1974
*Jantize Southshore	81 284-5611
632 Norman Williams	63 284-9157
Norman Williams	285-0431
637	NP
647 Robert F Meyer	60 284-1918
651 Donald Gosselin	81 283-5970
652 Gregory Armatis	77 283-7444
660 667 668	NP
674 Apartments	NP
F-1 Ramiro Lopez	91 281-3573
Steven Sanderlin	91 285-1721
F-2 David White	284-0652
675 680 681	NP
686 James O Brow Sr	74 282-8377
691 Betty MacDonald	93 282-2807
700 701 708	NP
715 Joe Gretch	92 284-6710
716 724 729 730	NP
734 James H Woods	54 282-5038
735 742	NP
750 J Vanwashnova	73 282-2856
751 Frank Harcas	54 282-7501
757 Gary Wisniewski	91 283-5038
106 RESIDENCE	2 BUSINESS
HILLSDALE	48192
500- 799 CT5808	\$E.D 5
580* Iverson Industries	284-5301
711* Damur Development	92 284-2360
*Hipng Hnds Cing Sv	92 281-3340
*D W Murray Bg Cntc	83 283-4628
780* Rvrfrnt Plstc Prdc	88 281-0440
5 BUSINESS	NP
HUDSON	48192
100- 369 CT5801	\$E.C 6
500- 1999 CT5803	\$D.C 5
114 Clifford T Burke	60 284-1007
118 140 146	NP
152 D F Olshelstke	64 282-6448
158 164 168	NP
174 J A Messer	88 284-8014
180	NP
188 Gilbert A McGowan	89 283-0074
192 198 208 215	NP
218 M Reid	246-2835
221 226	NP
229 C Lutsic	84 285-2364
232 Jeff Byers	91 282-1834
K Nobouphasavanh	87 282-9525
233 John Dymitryk	54 284-7033
238 238 242 244	NP
245 Emil Ziika	68 282-2336
250	NP

1863	Tom Sherwood	-	282-0692
1866		.NP	
1873	Julie Riddle	.93	282-6441
1874	Joseph Szydlowski	.63	284-8940
1877	Gregory Earles	.11	283-8338
1895	1897 2017 2031	.NP	
2032		.NP	
2035	L Ferrante	.11	246-7710
2038	E R Nichols	.77	284-4521
2039	Patricia Jeffries	.91	282-3071
2043	2046 2047	.NP	
2055	B H Tarnowski	.63	281-2030
2115	2121 2129	.NP	
2131	Mary Simison	.93	282-0081
2302	Marian J Lekity	.73	285-0609
2303		.NP	
2309	Robt Torzewski Jr	.87	282-2276
2310	2316 2319	.NP	
2322	Vanessa Salinas	.11	283-4071
2323	2336	.NP	
2338	Daphne Wilkinson	-	282-3970
2343		.NP	
2345	L K Springie	.11	246-3334
2352	Apartments		
F-2	Laura Seder	.11	281-8679
2408	D Blodgett	.92	282-3218
2420		.NP	
2425	S Ann Hatley	.86	281-1390
	Ann Hatley-Findlay	.11	281-4828
2518		.NP	
2519	John Truskowski	.91	284-2927
2524	Francis Palazzolo	.87	285-7315
2527	2534	.NP	
2535	Emmett Furgerson	.80	285-4632
2621		.NP	
2631	Dwight Chastain	.86	283-4155
2637		.NP	
2715	Charles F Jonas Jr	.67	284-9607
2723	John Golovich	.80	285-6435
	John Golovich	.11	285-7859
	* Progressive Acctg	.84	285-6580
2727	Louis Golovich	.84	284-7711
	* Compl Bkpng&Tax S		
		.11	285-8299
2728	Billie J Erskine	.78	284-7443
2731	2734 2737	.NP	
2738	David Erskine	.11	285-5868
2744	Matthew Siwniak	.89	282-1992
	Danny J Ulibarri	.75	283-3644
2802		.NP	
2806	S L Fitzgerald	-	282-0112
2810	2817 2818	.NP	
2826	Heather Murray	.93	282-9324
2827	Dana Belinc	.87	284-3245
2834		.NP	
2844	R J Heinbokel	.78	283-1959
2926		.NP	
2932	Bobby Murphy	.90	282-9065
3006	3012 3014	.NP	
3022	Robert Domanski	.11	283-8556
	Kristine Earley	.11	246-3791
3025*	Peck Electric Co		284-8525
3036		.NP	
3131*	Yack Arena	.92	246-4515
3206	Misty Rempe	.11	281-1035
3212	George C Davis	.89	284-9566
3214		.NP	
3220	Jeremy Delozier	.11	246-4877
3310	Primadore Apts		675-1441
	21 Units		
	Finazzo Invmts Co		675-1441
	M Beregszaszy	-	246-4788
306	Bryan Caillouette	-	284-4037
	Donald Davenport	.89	283-6916
	Elizabeth Ducharme	.11	246-3650
	Pina Finazzo	.11	282-6817
	Eileen Finn	-	285-5830
104	Malgorzata Henke	.93	283-8293
	Joseph Joyce	.90	285-8149
	Marc Legris	.93	282-8510
206	Michael Moco	-	281-1071
	Edyta Orzechowska	.93	283-5790
	H N Raisbeck	.89	282-3722
	A Salesky	.89	284-0671
	Balint Szekeley	.92	285-7825
	F M Thompson	.90	283-3923
3351*	Honey Bee Florist	.11	246-9520
3353*	Lynchs Dance Sply	.81	281-8108
	* Lynchs Dance Sply	.11	281-8108
3357	Miles Sinclair	.93	284-2944
	* St Clair Stylists	.89	284-2818
3359*	Quilt Basket	.84	282-5074
3361*	Mich Cancer Foundtn		
		.11	282-5818
3363	Petar Radakovic	-	283-9020
	* Priskorn&Panson	.89	284-8782
	* P Radakovic CPA	-	283-9020
3426	Randolph Spencer	.79	285-3017
3432	Apartments		
F-2	K Juchartz	.11	282-6763
3450		.NP	
3452	Edward H Smith	.85	283-4977
3454		.NP	
3504	Richard G Juchartz	.85	285-3885
3522	V Haworth	.92	285-0779
3540	Apartments		
F-1	Kathryn Blackmon	-	281-0371
	Scot Magnuson	.92	282-9722
3547	James Faulkner	.11	246-3135

3716	193 RESIDENCE	.NP	
	12 BUSINESS		
	THIRTEENTH		48192
	1000- 1999 CT5804		\$C.D. 5
	3300- 4799 CT5809		\$D.D. 5
1031		.NP	
1037	Mike T Palazzolo	.86	281-1878
1047	R J Demyanovich	.93	284-0898
1055	Thomas Desana	.92	285-5208
1063	Shawn McCaig	.93	282-7559
1071	1079	.NP	
1087	Donald T Szczesny	.82	285-2291
1095	Julius E Kucia	.54	285-1918
1101		.NP	
1111	Patrick C Stewart	.87	283-8738
1114	Peter Pizzimenti	.89	284-9185
1119		.NP	
1206	Anthony O Alfano	.92	283-6731
1215	William Allman Jr	.54	282-2864
1216	Joseph Iacopelli	.80	282-9137
1225	Richard Phelps	.55	282-5231
1226	E Haley	.92	282-0491
1234	Charles H Young	.56	284-0837
1237	1242	.NP	
1245	Roger Shifflett Jr	.89	284-8671
1250	Leonard W Malwitz	.68	283-4287
1253	Robert Allard	.82	283-0478
1262	James Lada	.93	281-0134
1263	Robert Burgess	.63	284-6242
1270	Joseph Youngs	.92	284-1882
1271	1279	.NP	
1287	Joseph Martin	.86	284-8003
1288	Deborah McGurk	.84	283-8205
1294	Arthur Paciorka	.67	283-4318
1295	Kermit Cabell	.60	282-2681
	William Polglase	.76	282-2681
1302	Donald Icenogle	.85	283-2431
1303		.NP	
1310	E M Taylor	.68	282-6413
1311	John S Trefethen	.65	282-6445
1404	Lawrence J Kearney		
		.54	282-6412
1405	1412 1415	.NP	
1420	David A Wirtz	.93	283-4380
1423	R Jernigan	.86	284-2835
1428	Gordon Church	.63	284-6468
1431	K A Knittel	.91	285-2422
1439	Edward Kropog Jr	.78	283-1893
1440	George H Herron	.63	282-2278
1447	Michael Bzura	.83	283-1448
1448	1455	.NP	
1456	Virgil R Lapinski	.91	282-6999
1466	Ralph Schweiss	.54	282-2279
1467		.NP	
1476	Michele Cole	.92	282-9446
1477		.NP	
1484	Louis Kovats	.61	284-8238
1487	1490	.NP	
1495	William J Kainz	.91	282-0284
1498		.NP	
1501	Joseph Loselle III	.90	284-9148
1504		.NP	
1511	David Kling	-	285-8533
1512	Thomas A Labadie	.83	285-7958
1517		.NP	
1520	S Mazzarese	.77	282-6393
1525	Joseph E Tialka	.84	282-5927
1528	Dayton Brown	.61	284-8298
1533	James W Wrook	.72	285-5078
1536	Joseph Karafa	.63	282-4940
1546	Dick Carroll	.79	285-5145
1547	Richard Bomay	.81	281-0740
1553	J Bodart	.91	285-5185
1562		.NP	
1569	R L Swenson	.54	284-6541
1702	Bruce N Harris	.90	282-1737
1705*	Superior Siding	.92	281-8558
1711	Louis W Behm Jr	.57	284-5822
1716	Apartments		
2	J Culp	-	284-4014
1724	Bill Wisniewski	.92	282-1782
1725	1732	.NP	
1733	Gregory Lott	.84	281-7229
1738	Chester Parish	.56	282-8676
1743	Andrew Molnar Jr	.60	285-9614
1744	William Sielski	.85	284-7935
1751	Ronald N Rushman	.75	283-3981
1756	Wm M Karpinski	.88	285-4256
1765	Walter A Bielski	.62	285-4256
1772	Ladeslow Witt	.54	282-4920
1773		.NP	
1780	H Pischke	.93	282-9484
	William Pischke	.93	282-4852
1781	1792 1795	.NP	
1801	Douglas Heise	.11	246-2906
1804	Dr E T Bott	.84	282-0521
1809		.NP	
		-	285-1521
1812	G Hutcherson	-	282-9887
1814	Joe R Hutcherson	-	284-8284
1820	Terry Baxter	.88	284-5768
1821	V H Alabrodzinski	.73	285-5768
1829	Bruce Jose	.82	284-1273
1834	1837	.NP	
1843	C L Przytula	.65	282-9197
1846	C Cichocki	.77	284-2269
1849	Eugene R Stahl	.63	282-2126
1854	Frank Tarnowski	.73	284-3453

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1278	Nail McKinnie	.80	734-285-6759
1279	NP		
1287	Mark Lawler	.96	NP
1288	John L. Malay	.64	734-285-9257
1294	D J Guita	.77	734-284-5252
1295	Edward Poliska	.73	734-283-3895
1303	NP		
1304	John E Ballard	.62	734-285-9255
1310	Joseph Arniak	.66	734-285-1444
1311	NP		
1404	Edward C Campbell	.92	734-285-7849
1405	Sophia Perry	.83	734-284-1852
1411	Edward A Reuter	.90	734-282-3903
1420	Steve Chojnowski	.55	734-282-1691
1421	Jerry Bell	.98	734-284-8124
1428	Stanley J Oliszewski	.58	734-282-3642
1429	T M Hodson	.66	734-282-0849
1436	Denise Uram	.64	734-285-2134
1437	Danara Karafa	.98	NP
1444	Theodore Waszyl	.54	734-284-9895
1445	Max Heumann	.86	734-284-1022
1452	1453	NP	
1460	Leonard Jozwiak	.62	734-283-2714
1461	Robert Pinkava	.96	734-285-2459
1466	Frank F Kolakowski	.93	734-284-0628
1469	M Desrosiers	.54	734-281-1926
1477	NP		
1478	C J Coulter	.97	734-246-6676
1485	Marvin Prince	.54	734-284-3442
1486	Randall Oman	.98	734-282-6353
1493	Ernest A Voros	.94	734-285-9406
1494	Veran Farl Hinc	.92	734-285-0160
1502	NP		
1503	Drucilla R Bourget	.89	734-284-8643
1508	NP		
1515	James A Beck	.83	734-281-7782
1516	Myrtle Bashlor	.94	734-246-2834
1523	Danny Little	.97	NP
1526	John Stone	.88	NP
1531	Stanley Markowski	.54	734-282-4326
1534	Holly Tripp	.98	734-283-1784
1542	Paul Consiglio	.92	734-283-7639
1550	B J Stewart	.85	734-284-01257
1551	Thomas D Pizzo	.56	734-282-0909
1558	V Wischer	.66	734-282-1616
1559	J Corbett	.93	734-284-6682
1566	John W Kuschinski	.69	734-284-2299
1567	C M Williamson	.93	734-282-5735
1570	Cathy Williamson	.97	734-282-0881
1704	1710	NP	
1711	K Elliott	.93	734-283-1194
1717	David A Deja	.87	734-281-0472
1720	Gary Gudith	.93	734-283-9557
1725	Ronald Welch	.65	734-283-2329
1730	Gary S Saff	.93	734-282-7626
1733	1739	NP	
1744	William Uzynski	.63	734-283-2894
1747	Mike Cizmerek	.88	734-284-8271
1752	Mike Cutral	.91	734-281-3485
1755	Albert R Ault	.88	734-285-07312
1758	Edward Michalek	.57	734-282-4690
1765	Richard Labau	.93	NP
1766	James M Slawkey	.64	734-282-2742
1773	Ross Grzela	.94	734-283-2026
1778	Frank B Muzin	.97	734-285-0130
1781	Carl Missler	.91	734-285-5858
1788	Raymond R Heida	.63	734-283-2872
1795	C Maher	.98	734-284-4050
1800	Victoria Zarbaugh	.83	734-281-7369
1803	Scott A Thompson	.93	NP
1808	NP		
1809	Steven A Radinski	.96	734-281-9946
1814	NP		
1815	Steven Michael	.88	NP
1822	Mark Drabczyk	.85	734-285-7476
1832	James S Davis	.93	NP
1842	M E Rolling	.94	734-282-4991
1845	Yvonne Knape	.94	734-281-7211
1850	Edward S Maternik	.63	734-282-8018
1851	B Justice	.96	734-246-3772
1858	James L Palmaria	.63	734-282-5650
1861	Paul A Rzepka	.54	734-283-5477
1866	Joseph Wojcikowski	.74	734-284-1272
1867	Thomas L Adams	.96	734-284-8922
2030	Alex Oswald	.89	NP
2038	Boleslaw Bardoni	.55	734-284-0346
2048	Edward Bzura	.54	734-284-8022
2049	NP		
2051	Thomas A Malachuk	.96	734-284-0736
2052	Scott Neifert	.91	734-281-4925
2053	Charles J McEwan	.91	734-285-1600
2055	NP		
2057	A Schoettinger	.73	734-324-0007
2059	L Oliszewski	.91	734-281-4513
2063	Gary Martin	.97	734-281-1976
2065	NP		
2110	Erin L Boyer	.91	734-284-6714
2113	Daniel Zack	.80	734-282-3491
2128	John M Chasaca	.80	734-282-4698
2136	Mark Brewer	.91	734-284-5739
2144	Charles G Perry	.93	734-282-6313
2147	NP		
2169	David J Syc	.89	NP
2181	Julie Smith	.98	734-283-9135
2202	Gerald H Borgne	.92	NP
2210	Lawrence Malkowski	.74	734-284-1240
2222	L R Spampinato	.94	NP
2232	Edward Sliwka	.69	734-283-4788
2233	2241	NP	
2242	Arth C Payette II	.92	734-282-5423
2249	Daniel Townsend	.96	734-285-2099
2339	NP		
2359	Lisa Bussie	.98	734-282-2754
2384	John I Gardocki	.79	734-285-7965
2392	Ronald G Phillips	.98	734-246-3365
2398	Kelly L Sullivan	.91	NP
2404	Randy Eldridge	.73	734-285-8794
2408	E McComas	.73	734-284-6756
2409	F Pomnickowski	.97	734-281-2345
2414	Wayne C Flanery	.91	NP
2422	Lawrence Peregrino	.54	734-284-9348
2432	Hazel Bodzick	.73	734-285-5755
2433	Thomas P Carroll	.83	734-282-6737
2440	John J Gambicki	.82	734-285-2440
2441	2448 2451	NP	
2505	Louis Jager	.96	734-281-1217
2508	Paul Brown	.82	734-281-0390

2615*	Gnatchwyr Dvd CPA	734-282-6076
2627	James L Faulkner	734-282-4999
2628	John J Gregurich	NP
3035	Danny Anderson	734-282-7823
3039	Richard Demario	734-285-6289
3326		NP
3336	Thomas Cislo	734-281-6365
3337	Nery L Manier	734-281-6648
3342	Shirley Guzenda	734-282-0695
3348		NP
3349	Alan Stroh	734-285-0987
3355		NP
3360	R A Burtka	734-282-3857
3361	Gary Roberts	734-282-5685
3366	Joseph S Baier	NP
3367	Roy Spanski	734-284-7227
3372		NP
3373	Louis Perna	734-284-0925
3380*	D&D Home Entrprss	734-285-7843
3395		NP
3396	James McKeen	734-285-9477
3396	R S Bielech	NP
3397	Joseph Sudak	NP
3408		NP
3409	Julius Toth	734-282-1336
3420	John Conking	734-284-3444
4415		NP
506	James O'Alfonso	734-285-1340
515	Holly Diana	734-285-4750
518	William L Rector	734-285-9309
526	James O Ingle	734-284-4433
533	S Pomicornichow	734-282-7510
534	Charles Ulewich Jr	734-282-4067
545		NP
550	Dale Martin	734-282-1512
551	Michael Jablonski	NP
219	RESIDENCE	4 BUSINESS

48192	
1909* NBD Bk Bmngm Otc 95	734-284-5583
2025* Arbor Drugs	734-283-6640
2101* Metro Car Care	734-284-5660
2233* Esordi Hmby&Swck 98	734-281-8401
2245* ACE Hardware	734-282-9922
* ACE Jerrys Hdwr	734-282-9922
* Jerrys ACE Hdwr	734-282-9922
2291* Rallys Hamburgers	734-282-3431
2319* J Engines&Prt 92	734-281-6752
* Ntl Eng Instll	734-285-6550
* Ntl Eng&Prt 90	734-281-6752
2355* K Used Cars	734-283-2300
* Ykvch Jhn At Sls 94	734-283-2300
2381* Bar Incm Tax Svc 97	734-282-2022
* Herrero E U MD	734-282-3222
2387* Singal Arun K MD 89	734-283-6835
* Herrero E M MD	734-282-3222
* Herrero&Hrr PC	734-282-3222
* Singal Arun K MD 89	734-282-6612
2409* Heritage Mortgage	734-282-9688
2425* Bayview Wndv&Hm	734-282-9688
2427* Colwell G L Atty	734-285-8020
* Gilbert G L Atty	734-285-8020
* Colwell G PC Atty	734-281-8500
2433* Jefferys Phtgrphc	734-282-7145
2441* W GT Appl&TV Inc 97	734-285-9494
* Wstgt Applnc&TV	734-285-9494
2447* U Stow N Lock	734-282-1624
* U Stow N Lock	734-283-4700
2451* Prestige Cleaners	734-284-1405
2451* Video Planet	734-281-8000
2517* Charter Bank Br	734-284-7400
* Charter Natl Bk	734-284-7400
2607* Superior Window	734-283-3436
2650* Peoples Pbg Supl	734-284-6860
2709* Sikora Refrig Svc	734-283-6915
2711* Anita Szalmay	734-282-3861
* Wear It Again	734-282-1228
2715* Stewart Printg Co	734-283-8400
2719* Appliances Wld Inc 90	734-281-2909
* Bertha Music&Dnc 94	734-285-0022
* Jds Salon	734-284-6185
2725* Wyandotte Jaycees 94	734-284-3861
* Youngs Upholstry	734-282-4488
2729* Youngs Refinishing	734-282-4436
2735* Mary Tomaszewski	734-285-9169
* Anita Tan	734-282-8000
2811* Ascat Drinks Etc	734-282-3900
2821* R & R Enterprises	734-284-3549
* U HI Co Indprnt 94	734-281-2547
* Wyandotte Blimpies	734-284-6733
2903* Downriver Trk Ctr 93	734-282-3844
2923* Hungarian Kitchen	734-281-9586
2929* Cmnty Acapnc Cpr	734-282-7220
* Liquidation Lot	734-285-3525
2953* Great Lko Stechs	734-282-2704
* Sprshlwn Shop 87	734-282-0534
2961* Pro Auto Exch Inc	734-283-7590
* Richs At Rndngm 87	734-285-0830
* Vince Auto Sls Inc	734-283-3723
2977* Mobile At Rndngm	734-285-5033
* Wyndt At Ctr Inc	734-283-3755
3017* G&M Auto Sls Inc	734-283-8886
* McStus G G&M Inc	734-283-8886
3109* Shtgt Pnt GMC 24	734-283-3550
3147* Kowlon Cnuy Supy	734-284-1747
3153* Matts Sports	734-283-6356
3157* Action Auto Wash	734-283-7034
3211* Y M C A of Metro	734-281-2600
* YMCA Metro Detroit	734-281-2600
* Metro Medcl Ctr	734-283-7636
* Y M C A of Metro	734-281-2600
3255* NBD Bk Bmngm Otc 95	734-284-5583
3331* Beltone Hear Aid	734-282-7991
3333* The New Gurn Btq 94	734-285-5638
3353* Fort Street St	734-282-0765
3379* Avia Trvl Acct	734-281-3888
* Avia Travel&Tours	734-281-3888
3383* Trp Tanning&Nls	734-284-8267
3387* Allst Ins Co Sls	734-281-4800
* Baity Ray Inc	734-281-4800
3391* Subway Salads	734-283-0011
3395* Superior Cat	734-283-5110
3419* Art Taylor	734-282-2242
* Arts Auto Cln	734-282-3500
3423* Regina Andrew Dsgn	734-281-1449
3429* Pullen At Elec Inc	734-282-6933
* Pullen Carbr Svc	734-282-6933
3441* South Metal&Hty	734-282-5411
3453* Harold A Roskoski	734-282-1717
* Thomas Roskoski	734-281-3886
3459* Spirit Life Center	734-283-0711
3505* A I A Rty Cen 21 90	734-283-8800
* Century 21 Afa	734-283-8800
* Century 21 Mf Sls	734-283-8800
3523* Art Vince MTR Sls 84	734-283-4656
* Trenton Movers	734-285-0340
* Trenton&Tyle Inc	734-285-0340
* Wyndt Mvrs&Stge 97	734-285-9931
3537* Creative Const	734-281-2555
* Creative Const Co	734-281-2555
3547* Russ Hnks Sbk Bkt 87	734-282-2212
3549* Chris Jasinski	734-285-4374
3553* Paw Prints	734-282-3138
3557* Amren Spdy Printg 94	734-284-5360
* Mill Ctr Graphics	734-284-1842
3575* Kms Cn Lndry&Dry 88	734-282-5311
3587* Horowitz A E Dmd 98	734-281-1414
3589* Britt M R DDS	734-281-1414
* Daray David G DDS 93	734-281-1414
* Horowitz A E Dmd 89	734-281-1414
* Lariscy L W DDS	734-281-1414
* Leib A DDS Perdent 97	734-281-1414
* Perindontic Assn	734-281-1414
* Turin D M DDS	734-281-1414
3611* Jos At&Truck Rpr 86	734-283-7109
* Rite At&Truck Rpr 86	734-283-7109
3651* Atmty Trn Spclsts 80	734-285-3747
3687* Auto One	734-282-9641
3807* Eldr Rstrnt Inc	734-284-6084
3851* Pndrs Steak House	734-285-5640
3863* G M Super Video	734-285-2228
3869* Fort Grove Shp	734-281-6330
3891* China Star	734-281-6330

GARFIELD ST 48192	
608 Jason Benson	98 734-283-2659
610	NP
616 Roger Labeau	734-285-7371
632 Susan Shields	98 734-283-9185
641 Emil Black	72 734-284-7238
650 Henry Trusewicz	76 734-283-0427
656 Eric Marsee	97 734-246-1183
680 Glenda Carson	734-284-5704
8 D Demyanovich	98 734-284-5791
6 Candice Fricke	98 734-284-0523
7 Ina Jackson	96 734-285-0007
710 Austin R Labadie	78 734-283-8675
12	RESIDENCE

GLEN CT 48192	
1153 Anthony Dropiewski	96 734-282-8726
1156 Douglass Ochmanek	85 734-284-4601
1157	NP
1162 Susan Silavsky	98 NP
1165 1170	NP
1173 Gary Grabowski	94 734-284-8477
7	RESIDENCE

GODDARD ST 48192	
0 1- 393 CT5801	SE.C 6
0 395- 1085 CT5803	SD.C 5
0 396- 1370 CT5802	SD.C 5
0 1087- 1213 CT5804	SD.C 5
0 1215- 1371 CT5803	SD.C 5
0 1372- 1615 CT5804	SD.C 5
0 1617- 2399 CT5804	SD.C 5
66 John Dills	96 734-283-2867
76 Kevin S Forath	97 734-246-4948
102 Charles Raupp	88 734-282-0241
108 William W Stevens	90 NP
113 118 119 120	NP
126	NP
127 I Balke	94 734-282-4423
139 Jerri McMahon	NP
141 Susan Brodenick	734-283-9347
149 K J Lyell	734-246-1479
220 Bill Copada	97 734-281-4518
Billy Copada	82 734-281-7616
227* Goddard Family Mkt 90	734-284-9850
240 Pamela J Carr	96 734-281-3030
302 Dennis Wery	734-284-8236
306 Arthur Wery	734-285-9761
314	NP
315 David B Leblanc	98 734-246-8733
* Blains Tr Svc Inc	98 734-281-0325
320 Samuel Szabados	94 NP
326 Marvin D Baumia	92 NP
332 Carole Cotter	96 NP
338 Robert E Wrook	89 NP
341* A&B Afrdbl Stge	98 734-283-3600
* Intgrtd Stlwrks	734-324-2540
346 Robyn Hinson	82 734-281-8474
415* Lattas Feed Co	83 734-282-5745
* Lattas Feed Co	734-283-2227
426 Bernard Bourasay	54 734-282-0440
435 Peter F Shonk	54 734-282-2172
437* Cnslg Trckng Inc	93 734-284-0430
448 Keith Blacy	734-324-2431
Randy Harrison	98 734-281-7219
461* Gravel J Paul Atty 94	734-285-9235
506* S Shore Mm&Hdwr 90	734-285-2998
512* Marine Propellers	81 734-281-1730
522	NP
524 Clayton A Venier	90 NP
550 J B Genaw	79 734-283-7027
551 Nathaniel Kuzma	734-282-5651
Shannon Lavack	734-246-1429
George Margitan Jr	96 734-281-6690
Julie M Van Horn	97 734-285-4116
556 Julie M Mitchell	734-324-2336
Michael Stern	734-284-6151
560 Peggy Lane	734-284-8718
567	NP
V Markowski	91 734-282-0485
William C Peck	734-284-8209
David R Roop	734-246-5648
E Sutphin	98 734-283-4277
606* Elmers Gem&Jwelry 98	734-284-2345
* Elmers Rustic Stk	98 734-284-2345
* Elmers Hall&Bout	83 734-284-2345
* Ford City Utd Jwelry	91 734-284-2345
* Hand D Chair Rnt	94 734-284-2345
610 616 623	NP
628 Joe Truskolaski	98 734-282-8950
631 Patricia Cowsnik	87 734-281-4963
632 L Unsmick-Brandt	91 734-284-4169
637 Elmer Pugh	66 734-282-4430
651	NP
652 Benjamin Pauline	98 734-284-1578
657 C F Heller	75 734-282-8472
660 W Schwartzrover	71 734-246-3624
663 Nicholas C Rieger	68 734-282-5298
664 Ramona De Vroy	734-282-4826
667	NP
670 James B Peikay	88 734-281-0077
673	NP
677* Cheris Clipp&Cmb 98	734-283-1440
Joseph McIntosh	61 734-285-2956
706	NP
717 William Kaczynski	98 734-285-9198
720 Murdie R Fortune	87 734-281-7614
729	NP
732 Bernice Ezzo	98 NP
739 Earl Tolbert	734-282-7585
747 Kevin P McFarland	96 734-282-9511
804 Herbert Parent	734-282-2143
805* Handse Food Center	90 734-281-2720
* Ovras Impr&Exprt 93	734-281-3131
814 Danny L Markkiele	91 NP
820 T Ouellette	95 NP
821 Donna M Majesko	92 NP
826 Peter Mazzaresse	98 NP
827	NP
846 B Beauviant	734-285-0031

951* G&M Lawn Services	97 734-285-0916
952 Donald E Szuch	96 734-284-5992
959 Clyde Stephens	74 734-282-9273
962 Richard L Alan	96 734-285-2141
967 Char Comer	98 734-285-4722
970* Sij Communications	98 734-281-9728
975 Joseph Konwinski	96 734-284-7915
978 983	NP
986 Frank O Palazzolo	54 734-282-6729
994 Ralph Tackett	85 734-285-4358
1008 Michael O Bohr	NP
1009 Raymond Scott	54 734-284-7706
1017	NP
1020 John A Frostic	89 NP
1025	NP
1033 Bj Sullivan	734-285-6269
1043	NP
1053 Steve Uszlok	54 734-282-3979
1103 A S Truskowski	61 734-284-7013
1111 Harold Worthington	71 734-282-3703
1125 M L Macourse	90 734-282-7650
1215 Gerald Walsh	71 734-282-7380
1229 Edward Schuman	90 734-283-8443
1243 Gary Smiddy	96 734-282-9587
1255 Joseph Shimkus	96 734-284-8418
1515 1521	NP
1529 Far Vitale	61 734-282-8659
1537	NP
1545 Elizabeth L York	734-282-8066
1743 Jack Moir	92 734-282-8461
1807 Ronald Phillips	88 734-285-7182
1825	NP
1843 Michael Kotyuk	97 734-282-4901
1905 Gary R Noble	92 NP
1919	NP
1935 Cyndi Siegel	98 734-281-6813
1937 1947	NP
118	RESIDENCE
22	BUSINESS

GODDELL ST 48192	
1- 399 CT5801	SE.C 6
134 Charles Devonshire	734-281-6672
136	NP
138* Mount Carmel Cntry	734-285-1722
* St Elizabeth Ch	87 734-284-7727
224 Andzej Zych	734-284-2052
244	NP
306 Robert H Welch	59 734-284-8750
314 B Ozborn	734-284-5341
318 Mark Pruitt	98 734-281-1685
322 326	NP
329 Joseph R Denko	734-284-7466
346	NP
11	RESIDENCE
2	BUSINESS

GROVE ST 48192	
400- 899 CT5808	SE.D 5
1100- 2399 CT5809	SD.D 5
534 Robert Wheeler	734-285-7404
538 Brian Zulawski	734-283-7550
544 Andrew D Edmunds	734-324-2368
635* Mac Mack&H Machg	89 734-281-1700
671* Exagmt Mrl Sales Jr	64 734-284-8711
700 S Matkovich Jr	64 734-283-0616
704 710	NP
712 Verne M Nagrich	82 734-283-1791
728	NP
729* Gdnar Co	98 734-282-1600
759* Douglas Elec Co	94 734-281-6994
1106* N End Junk Yard	65 734-282-3955
1120	NP
1168* Public Auto Parts	90 734-285-4011
1212* Mercury Mfg Co	72 734-285-5150
1213* Detroit Tblr Rvt S	97 734-282-7979
* Detroit Tblr Rvt	97 313-386-2334
1501* Wyndt Pub Schls	96 734-246-8334
1505* Monroe Elem Latch 92	734-281-0713
2101* Wyndt Pub Schls	94 734-246-8383
9	RESIDENCE
12	BUSINESS

HAZEL ST 48192	
1000- 1099 CT5802	SD.C 5
1006 J R Beeler	65 734-285-1416
1007	NP
1016 Edward Manthey	96 734-284-6287
1019 Roger E Setzke	82 734-281-1819
1026 G Blizman	98 734-282-6645
1031 Robert McVenna	71 734-281-1332
1034	NP
1037 L J Tyma	77 734-285-0256
1042 Nicholas McNeil	98 734-284-3067
1047	NP
1050 J J Steinbeck	89 NP
1058 John Chyystek	75 734-284-0021
1063 Carmelo Craganzano	98 NP
1066 Harvey W Kromrei	69 734-285-1945
1071	NP
1074 Michael Musick	90 734-283-8240
1079 Jack T Williams	97 734-285-4446
1086 Leann Williams	98 734-2

18615	★	Subway Of	99	734-285	- 6390
18617	★	Claras House Of	99	734-285	- 4414
18619	★	Cosmic Energy	99	734-285	- 4414
18639	★	Alterations & More	02	734-282	- 6177
	★	By Darlene			
	★	Riverview			
	★	Lawn & Snow			
	★	Equipment	+	734-282	- 0929
	★	U-Card Concrete	96	734-282	- 0929
18727	★	A & P Electronics	89	734-285	- 1866
	★	Company			
	★	Appliance Parts Co	+	734-285	- 0580
	★	Richard Bros			
	★	Appliance	94	734-285	- 0580
	★	Richard Heating &			
	★	Cooling	94	734-285	- 0580
	★	Richard's			
	★	Hing & Cing	94	734-285	- 0580
18733	★	Pat's Car Wash	71	734-281	- 9345
18761	★	Cook James Dvm	94	734-283	- 1110
	★	Dickinson Animal			
	★	Hospital	94	734-283	- 1110
	★	Riverview Animal			
	★	Hospital	75	734-283	- 1110

203 BUSINESS 44 RESIDENCE

GARFIELD ST 48192

WYANDOTTE

608	XXXX	NP
610	XXXX	NP
616	XXXX	NP
627	Felenczak Julius	+
632	Kennedy Timothy P.	+
	Kreitsch Joseph	+
	Shields Michael S.	+
641	Black Emil E.	72
650	Trusevich Henry J.	74
656	Bohnar Leo	+
	Groat & Son Plumb-	
	ing Repair &	01
690	Lowen Jeremy	+
	Towell Lawrence M	+
	2D	+
	West Jim	02

- BONDIE ST 710 Labadie Austin R. 76 734-283 - 8575

- ST JOHNS ST 1 BUSINESS 14 RESIDENCE

GLENN CT 48192

WYANDOTTE

1153	Dropiewski Anthony	94
1156	Ochmanek Douglas	83
1157	Boike Edna A.	91
1162	Tamowski Frank A.	01
1165	Zybach Patricia	77
1166	Swiatek Larry L.	77
1170	Milewski Casimir	85
1173	Grabowski Gary D.	92

- 12TH ST 0 BUSINESS 8 RESIDENCE

GODDARD ST 48192

WYANDOTTE

61- 346	CT580100\$D
E 414- 1020	CT580200\$B
O 415- 1053	CT580300\$C
O 1103- 1243	CT577900\$C
1446- 1947	CT580400\$B
61	XXXX
66	Dillis Nicholas
76	Fitzpatrick Barbara
102	Rupp Charles E.
108	Livorno Sham
113	Pallerson Dennis J.
118	Labau P.
119	Beard Lyle
120	Carroll Andrea L.
126	Shelton Duane T.
126	Bush Walter J.
127	Erskine Sandra L.
132	Balke I.
134	Bush Walter
138	Jakubiec Michael A.
139	Manion Monica M.
141	Voukaidis Eve
149	Caldwell W.
153	Lyell Kathryn J.
202	Gietzen George
220	Madary Richard W.
227	Copado Billy
	Goddard Family
240	Carr Pamela J.
302	Wary William
306	Wary Arthur J.
314	Paul James
315	Blain's Containers
	& Rilloff Sv.
	Blain's Tree Experts
	Inc.
320	Szabados Samuel G.
326	Wery K.
332	Coller Carole
338	Myers David L.
341	A & B Affordable
	Storage
346	Hinson Robyn
414	Edin Electric Inc

448	Cherasko Kirk	+
461	Cooney Kathryn	02
506	Gravel P.	+
512	XXXX	NP
522	Marine Propellers	81
524	Renaud Ted	+
550	Verier Clayton	+
551	Genaw J B	+
557	Nickoloff David	02
558	Parlier H.	02
559	Van Horn Julia M.	95
556	Orndorf Richard	+
560	XXXX	NP
567	Beddow Brian C.	+
	Gegich Mark	00
	Markowski V J.	85
606	All Faith's Wedding	+
	Chapels	+
	Elmer's Gem & Jew-	
	elry Appraisals	94
	Elmer's Rustic	
	Steak Pit Ctrng.	94
	Elmer's Steak Pit	
	Hall & Bnqt Ct.	94
	Ford City Used Jew-	
	elry Buyers	+
	Hand-D Chair & Ta-	
	ble Rental	+
610	XXXX	NP
616	XXXX	NP
623	Endres Paul T.	+
628	Kreger Joe	+
631	Truskowski Joe	+
632	Owsinek Patricia A.	90
	Brantley Laura	+
	Dammick-Brantley	
	Laura	84
637	Pugh Fanny	+
651	RThomas Glenn	+
	Thomas Glenn R Jr.	+
652	Pauline Benjamin	+
657	Heiber Clarence	+
660	Schell Marion M.	+
	Swartzentover Wil-	
	liam E.	95
683	Rieger Nichola C.	79
684	Devoy Harry R.	+
667	Sullivan James A.	+
670	Pelkey James B.	+
673	XXXX	NP
677	Chert's Clippe &	
	Combe	98
706	Mc Intosh Joseph	61
711	Fulwider M.	+
717	XXXX	NP
720	Fortune Murdie R.	79
729	Tolbert Tim	+
732	Ezzo Cynthia L.	+
739	Tolbert Earl E.	95
747	Doris Mary A.	+
	McFarland Kevin P.	94
804	Mader Gary A.	97
	Pizzo Filippo	90
805	Handee Food Center	90
807	XXXX	NP
814	Markiecki D.	91
820	Bommarito Karol	+
821	Mejeske D.	+
826	Gorski Jerry	+
	Mazzeuse Peter	+
827	Kowalewski A L.	+
	Mullins Jennie	+
	XXXX	NP
846	Beaupreant B I.	85
848	Wagoner Raymond L.	+
862	Jasinski Jean	+
874	Charles Norman	88
882	Charles Norman	88
891	Taft Elementary	
	Latch Key Prog	92
	Wyandotte Public	
	Schools Board	96
908	Rendon Juan A Jr.	+
951	Gambicki Michael A.	95
	Smith Pauline	+
952	Szuch Donald E.	+
959	Stephens Clyde S.	74
962	Alan Mary C.	+
967	Agge Charlene	+
	Cosier Charl	84
975	Jasinski Stephanie	+
978	Korwinski Joseph	54
983	XXXX	NP
986	Terry Joyce A.	+
994	Palazzolo Frank O	54
1008	Tackett Ralph	85
1009	Bohr Mike	+
1017	Scott Raymond	+
1020	Hanlon Alfred H.	+
1025	Froskie John A.	89
1033	Sullivan Bj.	97
1043	Harman David P	07
1053	Ustok Steve J	54
1103	Truskowski Aloysius	+
	S.	89
1111	Mellon Thomas	+
	Niowaz Leslie	+
1125	La Course M M.	89
1215	Walsh Gerald M.	98
	Wlash Gerald	+
1229	Schuman Edward G	88
1243	Smiddy Gary P.	94
1446	Rogers Annie	+
1505	Cassel Glenn W.	02
1515	Miller Clifford	99
1521	Podlaszuk Mary J.	+
1529	Amer Lawn Care Ltc	+
	Villate Fao	61
1537	Miller Kenneth	95
1545	Philip Paul	+
	York Duane	+
1743	Moir Jack R.	76
1807	Phillips Ronald	+
1825	Mangano Emanuele	+
1843	Kotyk Michael A.	84
1905	Noble Gary	92
1919	Malmsten Ronald	+
1935	Gay Joe F.	+
	Siegel Cyndi D	79
1937	Holt Shelia	+
1947	Dlugosz Thomas A	94
NR	Hansen F	+

+ Timmons Heather. + 734-283 - 5466

20 BUSINESS 145 RESIDENCE

GODDELL ST 48192

WYANDOTTE

134	XXXX	NP
136	XXXX	NP
138	XXXX	NP
	Mount Carmel	
	Cemetery	99
	St Elizabeth Church	87
224	Chansuolme Jorge	+
244	Bondie Richard	+
306	Welch Robert H.	59
314	Hughes Janet M.	+
318	XXXX	NP
322	XXXX	NP
326	XXXX	NP
329	Demko Joseph R.	73
346	XXXX	NP

2 BUSINESS 11 RESIDENCE

GROVE ST 48192

WYANDOTTE

534- 759	CT580800\$C	
1106- 2101	CT580900\$C	
- 5TH ST		
534	XXXX	NP
538	XXXX	NP
544	XXXX	NP
548	XXXX	NP

- ALBION AVE 573 XXXX NP

635 ★ Mag Machine & Tool 02 734-281 - 1700

- 6TH ST 671 ★ Equipment Material Sales Ltc 91 734-284 - 8711

- 7TH ST 700 Matkovich Steven Jr 58 734-283 - 0616

704 XXXX NP

710 Lyell Elaine + 734-282 - 0968

712 Nagrich Verna M. 78 734-283 - 1791

728 Brooks Vivian Y. 94 NP

729 ★ Gartner Company 98 734-282 - 1600

789 ★ Douglas Electric Co 94 734-281 - 6994

- 8TH ST 1106 ★ North End Junk Yard. 65 734-282 - 3955

1120 Wojala Albert. + NP

1212 ★ Mercury Manufac- turing Co. 72 734-285 - 5150

1213 ★ Detroit Tubular Rivet Inc. 97 734-282 - 7979

★ Detroit Tubular Rivet Inc. 00 313-386 - 2334

- 13TH ST 1501 ★ Wyandotte Public Schools Board. 96 734-246 - 8334

1505 ★ Monroe Elementary Latch Key Pr. 92 734-281 - 0713

- 16TH ST 2101 ★ Wyandotte Public Schools Board. 94 734-246 - 8383

- 22ND ST 11 BUSINESS 11 RESIDENCE

HAZEL ST 48192

WYANDOTTE

1006- 1086 CT580200\$B		
1006	Beeler A.	81 + 734-285 - 141
1007	Prush Ann.	54 + 734-284
1016	Manthey Edward	80 + 734-284 - 628
1019	Setzke Roger E.	80 + 734-281 - 181
1026	Blizman Gregory	+ NP
1031	McIverna Robert	96 + 734-281 - 133
1034	Edwards Jimmie	+ 734-284 - 337
1037	Tyma L J.	54 + 734-285 - 025
1042	McNeil Nicholas	+ NP
1047	Steinbeck John Jr.	79 + 734-281 - 133
1050	Polanski Michael V.	79 + 734-281 - 707
1055	Charneski B. N.	+ NP
1058	Kistler Joan	+ NP
1058	Chysiek John	79 + 734-284 - 002
1063	Crapanzano Carmelo	+ 734-284 - 713
1066	Mulligan Christopher	+ NP
1066	Kromel Harvey W.	69 + 734-285 - 194
1071	Charneski Benjamin	94 NP
1074	Musick Michael	+ 734-283 - 824
1074	Geniec Carl	+ NP
1079	Walker Kirk	+ 734-282 - 792
	Walker Mamee	+ 734-282 - 792
1086	Tik Harold W.	85 + 734-281 - 275

0 BUSINESS 23 RESIDENCE

HIGHLAND ST 48192

WYANDOTTE

253- 757 CT580200\$B			
253	Pizzo Filippo	+	NP
255	XXXX		NP
- ALFRED ST			
263	Deak Gary	+	NP
	Klco Deborah	+	734-282 - 331
271	Harper Robert A.	96	734-281 - 233
277	Emond Frank F.	98	NP
285	XXXX		NP
292	Sidebottom Glen A.	54	734-284 - 363
293	Rozman Jason M.	+	734-284 - 388
295	Hope Gary J.	+	NP
	McMahon Scott	+	734-285 - 613

320	Pizzo Filippo	+
321	Bigliardi Matthew	+
327	Garrison Raymond	+
333	Meachum Bill	86
334	Davey T Gregory	+
338	Norman Timothy	+
	Smith Bryan L.	94
343	Peterson P.	+
347	Pinkowski M K	91
352	Parent Allen	01
355	Graham Louise H.	+
	Martin W.	98
360	Morrison Daniel P.	82
363	Springer Norbert A.	99
	Ush Christine J.	+
365	XXXX	NP
366	Holwerstoft Richard C	79
369	Ochmanek Zigmund F.	61
	Werner George W.	78
376	Werner George W.	+
379	Werner George W.	+
383	Marlin Fred	+
	Reecko Terry	+
	Scott D L.	73
389	McMahon S.	92
390	Juszczuk Alphonse	74
391	XXXX	NP
396	Berno Amy M.	+
397	Laurain Bernard J.	67

- 4TH ST

400 ★ Highland Cash Market 61 734-282 - 3915

401 ★ T Thompson 419 734-283 - 7207

424 Medved David. 98 734-283 - 3965

430 Zduńczyk Anthony L. + 734-283 - 1040

431 Hickman Gary M. 72 734-281 - 8546

437 Fomey M. + 734-284 - 3302

439 Laforest Janice 00 734-283 - 7320

442 Zavalney Gary P. + NP

446 Kowalczyk John A. 77 734-282 - 2733

456 Casey Jane. 95 NP

463 Pandolfi Alexander + 734-284 - 3738

468 Shellen James + NP

471 Greicek Jay. 97 734-283 - 3455

477 Nelson Mildred + NP

478 Pinkowski Sharon G. + NP

485 Feroni Robert A. + NP

486 Baker Jesse. + NP

486 Pacheco Angela. 80 734-264 - 5561

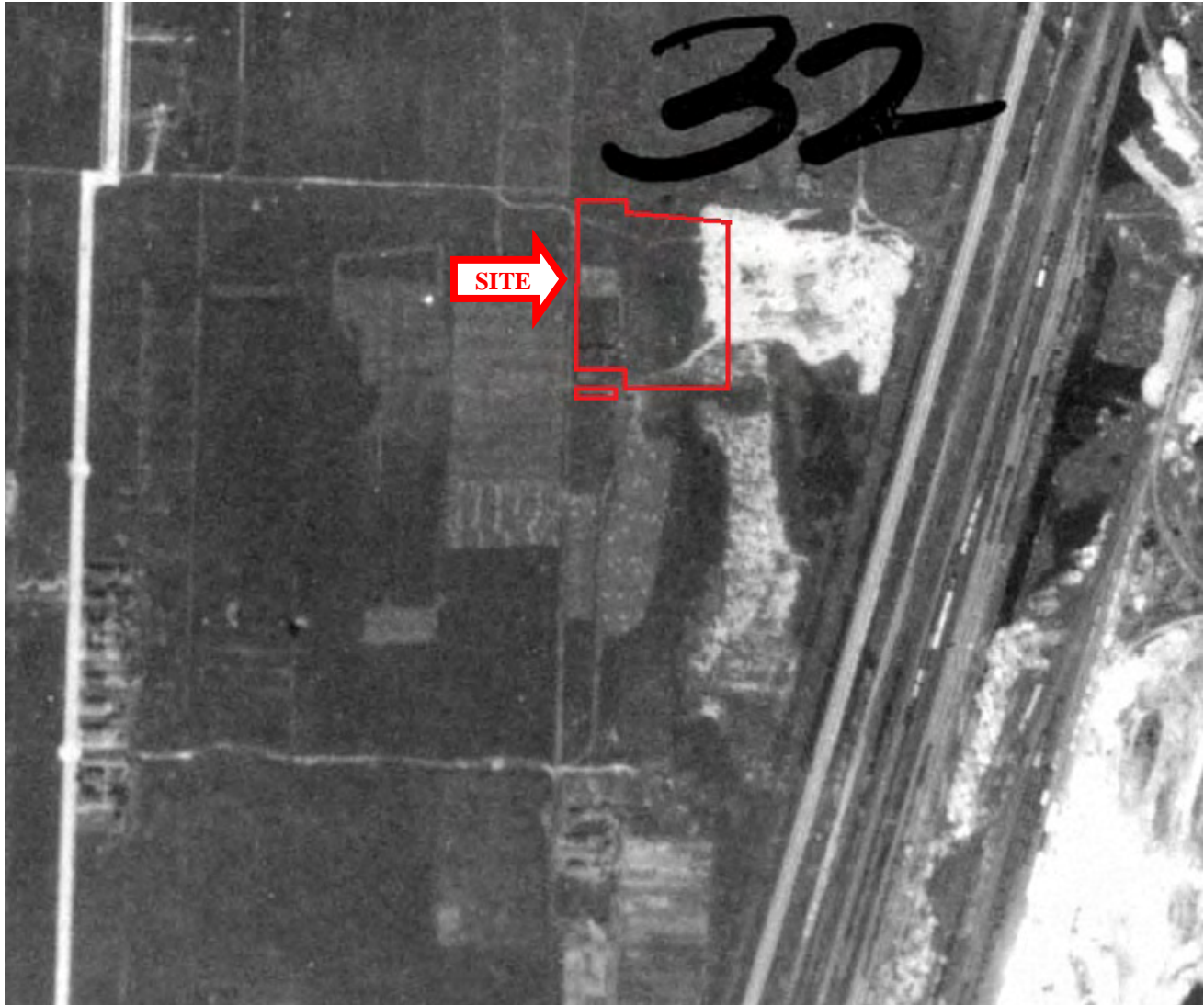
490 Jurczyk Stanley A. + 734-282 - 3075

493 Bailey Theodore + 734-2

3506	Dale R Johnson	90	734.285.3983	3507	Paul Charles Pawlaczek	99	734.284.0556
3508	Sheila Marie Johnson	03	734.285.7267	3509	Suzanne Lon Pawlaczek	99	734.284.0556
3515	Holly Elizabeth Diana	95	734.285.4750	3510	James Earl Bodart Jr.	88	734.285.5185
3518	Timothy Andrew Diana	95	734.285.4750	3511	Joseph Bodart	88	734.285.5185
3526	Bobby L Ingle	64	734.284.4433	3512	Leonard Joseph Sauve	08	NP
3533	James Otto Ingle	64	734.284.4433	3513	Bruce Nelson Harris	79	734.282.1737
3534	Charles W Ulevich Jr	61	734.282.4067	3514	M Tallman	79	734.282.1737
3550	Anthony Delbom	+ NP		3515	Kim Lynn Wright	02	734.285.2145
3551	Michael M Jablonski	94	734.285.0531	3516	Thomas Wright	02	734.285.2145
3551	Wendy Renee Jablonski	94	734.285.0531	3517	Andrew Flippo	+ NP	
-LEE ST INTS 309 RESIDENCE							
● 13TH ST							
Wyandotte							
CT 5804.00	1031	1869	\$C	CT 5804.00	1031	1869	\$C
CT 5809.00	3334	4681	\$D	CT 5809.00	3334	4681	\$D
-GODDARD ST INTS							
1031	Joseph Peter Golema Jr	90	NP	1031	Joseph Peter Golema Jr	90	NP
1037	Marlyn Kay Golema	90	NP	1037	Marlyn Kay Golema	90	NP
1047	Jacqueline Ann Palazolo	86	734.281.1876	1047	Jacqueline Ann Palazolo	86	734.281.1876
1055	John Jim Palazolo Jr	86	734.281.1876	1055	John Jim Palazolo Jr	86	734.281.1876
1055	Darcel Lynn Demanyovich	92	734.284.0896	1055	Darcel Lynn Demanyovich	92	734.284.0896
1055	Richard John Demanyovich	92	734.284.0896	1055	Richard John Demanyovich	92	734.284.0896
1055	Joy Ann Day	99	734.284.9343	1055	Joy Ann Day	99	734.284.9343
1063	Ron A Day	99	734.284.9343	1063	Ron A Day	99	734.284.9343
1071	Gregory Lee Brandenburg	01	734.281.2198	1071	Gregory Lee Brandenburg	01	734.281.2198
1071	Becky Ann Gonyomir	01	734.281.2198	1071	Becky Ann Gonyomir	01	734.281.2198
1071	Virginia L Gibbins	93	734.285.2536	1071	Virginia L Gibbins	93	734.285.2536
1079	Constance Veronica Piesicki	91	NP	1079	Constance Veronica Piesicki	91	NP
1087	Donald Theodore Szczesny	62	734.285.2291	1087	Donald Theodore Szczesny	62	734.285.2291
1095	Marian Louise Szczesny	62	734.285.2291	1095	Marian Louise Szczesny	62	734.285.2291
1095	Jeanne Marie Kucia	54	734.285.1918	1095	Jeanne Marie Kucia	54	734.285.1918
1101	Maria Jeanne Kucia	54	734.285.1918	1101	Maria Jeanne Kucia	54	734.285.1918
1111	Lynn Marie Balazs	03	734.281.3512	1111	Lynn Marie Balazs	03	734.281.3512
1111	Carmie Mary Stewart	94	734.282.2951	1111	Carmie Mary Stewart	94	734.282.2951
1114	Patrick Charles Stewart	94	734.282.2951	1114	Patrick Charles Stewart	94	734.282.2951
1114	Andrew William Burgess	01	734.282.5583	1114	Andrew William Burgess	01	734.282.5583
1114	Joan M Burgess	01	734.282.5583	1114	Joan M Burgess	01	734.282.5583
1119	Sharon Marie Clemens	73	734.225.4047	1119	Sharon Marie Clemens	73	734.225.4047
-BAUMEY AVE INTS							
1205	Thomas Paul Moczulski	04	NP	1205	Thomas Paul Moczulski	04	NP
1206	Anthony O Alfano	90	734.283.6731	1206	Anthony O Alfano	90	734.283.6731
1215	Jayne Ruth Alfano	90	734.283.6731	1215	Jayne Ruth Alfano	90	734.283.6731
1215	Audrie L Daniels	04	NP	1215	Audrie L Daniels	04	NP
1215	Gerald Daniels	04	NP	1215	Gerald Daniels	04	NP
1216	Anna Iacopelli	78	734.282.9137	1216	Anna Iacopelli	78	734.282.9137
1226	Danny Lee Haley	92	734.282.0491	1226	Danny Lee Haley	92	734.282.0491
1234	Ollyanna Joseph Haley	92	734.282.0491	1234	Ollyanna Joseph Haley	92	734.282.0491
1234	Donna Alice Young	56	734.284.0637	1234	Donna Alice Young	56	734.284.0637
1242	Jeffrey Alton Chesney	98	734.285.5595	1242	Jeffrey Alton Chesney	98	734.285.5595
1242	Leanne Denise Chesney	98	734.285.5595	1242	Leanne Denise Chesney	98	734.285.5595
1245	Matthew Geoffrey Haines	95	734.281.3169	1245	Matthew Geoffrey Haines	95	734.281.3169
1245	Emalie Paola Shifflett	87	734.284.6671	1245	Emalie Paola Shifflett	87	734.284.6671
1250	Barbara H Malwitz	68	NP	1250	Barbara H Malwitz	68	NP
1253	Leonard Wendell Malwitz	68	NP	1253	Leonard Wendell Malwitz	68	NP
1262	Robert Allen Desano	00	NP	1262	Robert Allen Desano	00	NP
1263	George Lawrence Kingston	95	NP	1263	George Lawrence Kingston	95	NP
1263	Pamela Ann Kingston	95	NP	1263	Pamela Ann Kingston	95	NP
1270	Grace Lynn Sidelbottom	84	NP	1270	Grace Lynn Sidelbottom	84	NP
1270	Mark Edward Sidelbottom	84	NP	1270	Mark Edward Sidelbottom	84	NP
1271	Joseph Frederick Youngs	81	734.284.1882	1271	Joseph Frederick Youngs	81	734.284.1882
1271	Marcia Ellen Youngs	81	734.284.1882	1271	Marcia Ellen Youngs	81	734.284.1882
1279	Colleen Welsh	96	734.284.0762	1279	Colleen Welsh	96	734.284.0762
1280	Kevin John Welsh	96	734.284.0762	1280	Kevin John Welsh	96	734.284.0762
1280	Ernest Lee Harris II	03	NP	1280	Ernest Lee Harris II	03	NP
1287	Tina Suzanne Harris	03	NP	1287	Tina Suzanne Harris	03	NP
1287	Sharon Grace Martin	67	NP	1287	Sharon Grace Martin	67	NP
1288	Dorah Joan McGurk	84	734.283.8205	1288	Dorah Joan McGurk	84	734.283.8205
1295	Belissa Amy McGurk	84	734.283.8205	1295	Belissa Amy McGurk	84	734.283.8205
1302	Marla Lillian Cabell	60	734.282.6811	1302	Marla Lillian Cabell	60	734.282.6811
1303	Donald Lee Icenogle	85	NP	1303	Donald Lee Icenogle	85	NP
1303	Julie Ann Icenogle	85	NP	1303	Julie Ann Icenogle	85	NP
1303	Cheryl Ann Hickey	99	734.282.8836	1303	Cheryl Ann Hickey	99	734.282.8836
1310	Virginia June Hickey	99	734.282.8836	1310	Virginia June Hickey	99	734.282.8836
1310	Chet Robert Lafayette	+ NP		1310	Chet Robert Lafayette	+ NP	
1311	Tracy Ann Lafayette	+ NP		1311	Tracy Ann Lafayette	+ NP	
1311	Barbara Lee Walthen	64	734.282.6445	1311	Barbara Lee Walthen	64	734.282.6445
1311	John S Trelathan	64	734.282.6445	1311	John S Trelathan	64	734.282.6445
-ANTIONE ST INTS							
1405	Cristen Dahl-Fulton	05	734.284.3320	1405	Cristen Dahl-Fulton	05	734.284.3320
1412	Cristen Fulton	05	734.284.3320	1412	Cristen Fulton	05	734.284.3320
1412	Robert Edward Downey	05	734.285.6459	1412	Robert Edward Downey	05	734.285.6459
1415	Regina Marie Foster	05	734.285.6459	1415	Regina Marie Foster	05	734.285.6459
1415	Christine Fotini Onell	03	NP	1415	Christine Fotini Onell	03	NP
1420	Angela Jean Roach	04	734.284.4003	1420	Angela Jean Roach	04	734.284.4003
1423	Joel Withers Roach	04	734.284.4003	1423	Joel Withers Roach	04	734.284.4003
1423	Alan Michael Maciaz	99	734.283.8185	1423	Alan Michael Maciaz	99	734.283.8185
1428	Alvin Michael Maciaz	99	734.283.8185	1428	Alvin Michael Maciaz	99	734.283.8185
1431	Amy Melissa Farkas	96	734.285.4215	1431	Amy Melissa Farkas	96	734.285.4215
1439	Matthew Wade Farkas	96	734.285.4215	1439	Matthew Wade Farkas	96	734.285.4215
1439	Edward John Kropog Jr.	78	734.283.1893	1439	Edward John Kropog Jr.	78	734.283.1893
1440	Karen Marie Kropog	78	734.283.1893	1440	Karen Marie Kropog	78	734.283.1893
1440	Robert Joseph Shannon	04	NP	1440	Robert Joseph Shannon	04	NP
1447	Michael Edward Bzura	81	734.283.1446	1447	Michael Edward Bzura	81	734.283.1446
1448	Yvonne Krizoy Bzura	81	734.283.1446	1448	Yvonne Krizoy Bzura	81	734.283.1446
1455	April Lynn McGrath	05	734.283.4014	1455	April Lynn McGrath	05	734.283.4014
1455	Thomas Joseph McGrath	05	734.283.4014	1455	Thomas Joseph McGrath	05	734.283.4014
1456	Bruce Carl Davis	97	NP	1456	Bruce Carl Davis	97	NP
1456	Edward Richard Davis Jr.	97	NP	1456	Edward Richard Davis Jr.	97	NP
1466	Virgil Raymond Lapinski	90	734.282.6999	1466	Virgil Raymond Lapinski	90	734.282.6999
1467	Virginia Caccia Schweiss	54	734.282.2279	1467	Virginia Caccia Schweiss	54	734.282.2279
1477	Wendy Ann Gulyas	93	734.286.5531	1477	Wendy Ann Gulyas	93	734.286.5531
1484	David Paul Perovich	93	734.286.5531	1484	David Paul Perovich	93	734.286.5531
1484	William Robert Kovats	61	734.284.8238	1484	William Robert Kovats	61	734.284.8238
1487	Denise Elizabeth Elwert	94	734.282.9673	1487	Denise Elizabeth Elwert	94	734.282.9673
1490	Denise Elizabeth Widen	94	734.282.9673	1490	Denise Elizabeth Widen	94	734.282.9673
1495	Carol Ann Kalin	89	734.282.0284	1495	Carol Ann Kalin	89	734.282.0284
1498	William Joseph Kalin	89	734.282.0284	1498	William Joseph Kalin	89	734.282.0284
1498	Mark Gregory Ralynski	76	NP	1498	Mark Gregory Ralynski	76	NP
1501	Mark Ralynski	76	NP	1501	Mark Ralynski	76	NP
1501	Joyce Marcelle Stanley	78	734.284.3937	1501	Joyce Marcelle Stanley	78	734.284.3937
1504	Kenneth Ray Stanley Sr.	78	734.284.3937	1504	Kenneth Ray Stanley Sr.	78	734.284.3937
1511	Karen Ann Savaya	04	NP	1511	Karen Ann Savaya	04	NP
1512	Joann Joann Labadie	83	734.285.7958	1512	Joann Joann Labadie	83	734.285.7958

● 14TH ST								
Wyandotte								
CT 5804.00	1704	1867	\$C	CT 5804.00	1704	1867	\$C	
CT 5806.00	0	2835	2935	\$D	CT 5806.00	0	2835 2935	\$D
CT 5809.00		3328	3940	\$D	CT 5809.00		3328 3940	\$D
-MAPLE ST INTS								
1704			NP	1704			NP	
1705	Cheryl Lynn Lau	72	734.284.0287	1705	Cheryl Lynn Lau	72	734.284.0287	
1710	Ronald Ernest Lau Sr.	72	734.284.0287	1710	Ronald Ernest Lau Sr.	72	734.284.0287	
1711	Suzanne Robin Test	00	NP	1711	Suzanne Robin Test	00	NP	
1724	Angelica Armendariz	97	734.282.6837	1724	Angelica Armendariz	97	734.282.6837	
1727	Roger Martinez Armendariz	97	734.282.6837	1727	Roger Martinez Armendariz	97	734.282.6837	
1732	Denise Susanne Sournail	05	NP	1732	Denise Susanne Sournail	05	NP	
1732	Michelle Burgess	94	734.282.6539	1732	Michelle Burgess	94	734.282.6539	
1738	Scott David Burgess	94	734.282.6539	1738	Scott David Burgess	94	734.282.6539	
1738	Mary Alice Johnson	88	734.284.4504	1738	Mary Alice Johnson	88	734.284.4504	
1748	William James Johnson	88	734.284.4504	1748	William James Johnson	88	734.284.4504	
1749	Michelle Manley	+ NP		1749	Michelle Manley	+ NP		
1752	Rafael Alfoite	04	NP	1752	Rafael Alfoite	04	NP	
1759	Alan Paul Ciemnicki	84	734.281.4868	1759	Alan Paul Ciemnicki	84	734.281.4868	
1759	Andrew Joseph Ciemnicki	84	734.281.4868	1759	Andrew Joseph Ciemnicki	84	734.281.4868	
1763	Anne Marie Dimaggio	76	734.285.0772	1763	Anne Marie Dimaggio	76	734.285.0772	
1764	Josephine Dimaggio	76	734.285.0772	1764	Josephine Dimaggio	76	734.285.0772	
1773			NP	1773			NP	
1773	Caroline Bernice Amiot	89	734.284.0500	1773	Caroline Bernice Amiot	89	734.284.0500	
1788	Leo Consiglio Jr.	62	734.246.2803	1788	Leo Consiglio Jr.	62	734.246.2803	
1788	Shannon Marie Consiglio	62	734.246.2803	1788	Shannon Marie Consiglio	62	734.246.2803	
1789	Harold Eugene Johns Sr.	91	734.281.6751	1789	Harold Eugene Johns Sr.	91	734.281.6751	
1794	Faye Monroe	91	734.281.6751	1794	Faye Monroe	91	734.281.6751	
1794	Julie Harrison	+ NP		1794	Julie Harrison	+ NP		
1800	Carrie Jean Bone	96	734.284.8584	1800	Carrie Jean Bone	96	734.284.8584	
1801	Michael Edward Bone	96	734.284.8584	1801	Michael Edward Bone	96	734.284.8584	
1801	Edward Russell Elssner	94	NP	1801	Edward Russell Elssner	94	NP	
1815	Mary Virginia Elssner	94	NP	1815	Mary Virginia Elssner	94	NP	
1815	Timothy R Borbey	83	734.282.0461	1815	Timothy R Borbey	83	734.282.0461	
1815	Wendy Weiss Borbey	83	734.282.0461	1815	Wendy Weiss Borbey	83	734.282.0461	
1821				1821				
1826	Christine Sileck	64	734.282.0383	1826	Christine Sileck	64	734.282.0383	
1829				1829				
1839	Margaret Ann Koslosky	93	734.281.0883	1839	Margaret Ann Koslosky	93	734.281.0883	
1839	David George Koslosky	93	734.281.0883	1839	David George Koslosky	93	734.281.0883	
1841	Pamela Jane Bertino	96	NP	1841	Pamela Jane Bertino	96	NP	
1841	Thomas Joseph Bertino	96	NP	1841	Thomas Joseph Bertino	96	NP	
1848	Marie Ann Stigler	79	734.283.8899	1848	Marie Ann Stigler	79	734.283.8899	
1849			NP	1849			NP	
1854	Janice Catherine Riley	83	734.281.0473	1854	Janice Catherine Riley	83	734.281.0473	
1854	Jeffrey Paul Riley Jr.	83	734.281.0473	1854	Jeffrey Paul Riley Jr.	83	734.281.0473	
1859	Allan Joseph Brinley	92	734.284.7847	1859	Allan Joseph Brinley	92	734.284.7847	
1859	Janet Marie Brinley	92	734.284.7847	1859	Janet Marie Brinley	92	734.284.7847	
1864	Stacey Lynn Baker	04	734.284.8253	1864	Stacey Lynn Baker	04	734.284.8253	
1864	Stacey Lynn Buncie	04	734.284.8253	1864	Stacey Lynn Buncie	04	734.284.8253	
1867	Canie Lee Woodthorp	96	734.282.8858	1867	Canie Lee Woodthorp	96	734.282.8858	
1867	Randy Mark Woodthorp	96	734.282.8858	1867	Randy Mark Woodthorp	96	734.282.8858	
2935A	Estelita Garwolinski	77	734.282.7456	2935A	Estelita Garwolinski	77	734.282.7456	
FEUREKA RD INTS								
3328	John Blasi	96	NP	3328	John Blasi	96	NP	
3336	Dennis Leonard Kozlowski	80	734.283.2028	3336	Dennis Leonard Kozlowski	80	734.283.2028	
3336	Susan Marie Kozlowski	80	734.283.2028	3336	Susan Marie Kozlowski	80	734.283.2028	
3337	Jodie Nicole Darday	92	734.281.0377	3337	Jodie Nicole Darday	92	734.281.0377	
3346	Jose Carlos Nogueira	92	734.281.0377	3346	Jose Carlos Nogueira	92	734.281.0377	
3346	Melvin Richard Proxmire	93	734.285.4321	3346	Melvin Richard Proxmire	93	734.285.4321	
3347	Barbara Jean Bako	62	734.283.2035	3347	Barbara Jean Bako	62	734.283.2035	
3347	Les Kent Bako Jr.	62	734.283.2035	3347	Les Kent Bako Jr.	62	734.283.2035	
3357	Adrian J Machcinski	94	NP	3357	Adrian J Machcinski	94	NP	
3357	Dorothy Irene Machcinski	94	NP	3357	Dorothy Irene Machcinski	94	NP	
3358	Marcella A Klirn	04	NP	3358	Marcella A Klirn	04	NP	
3365	Wes Jean Oard	06	NP	3365	Wes Jean Oard	06	NP	
3366	Ans Dolores Voss	85	734.281.1475	3366	Ans Dolores Voss	85	734.281.1475	
3373	Charles Fred Voss Jr.	85	734.281.1475	3373	Charles Fred Voss Jr.	85	734.281.1475	
3373	Delphine Rosalie Milewski	58	734.284.3860	3373	Delphine Rosalie Milewski	58	734.284.3860	
3373	Frederick Milewski	58	734.284.3860	3373	Frederick Milewski	58	734.284.3860	
3376	Ernest A Nelson	01	734.285.3171	3376	Ernest A Nelson	01	734.285.3171	
3381	Alice Lynn Dumitric	92	734.285.0926	3381	Alice Lynn Dumitric	92	734.285.0926	
3381	Dennis Gordon Dumitric	92	734.285.0926	3381	Dennis Gordon Dumitric	92	734.285.0926	
3384	Steve Michael Bozynski	95	NP	3384	Steve Michael Bozynski	95	NP	
3387	John Finegan	02	734.282.7000	3387	John Finegan	02	734.282.7000	
3392	Watkins Lacy	78	734.265.4138	3392	Watkins Lacy	78	734.265.4138	
3408	Matthew Ray Jaynes	97	734.246.3904	3408	Matthew Ray Jaynes	97	734.246.3904	
3413	Michelle Andrea Witkowski	97	734.246.3904	3413	Michelle Andrea Witkowski	97	734.246.3904	
3413	Rhonda Lynn Pate	04	734.284.2768	3413	Rhonda Lynn Pate	04	734.284.2768	
3416	Cynthia Marie Penso	04	734.284.2768	3416	Cynthia Marie Penso	04	734.284.2768	
3421	Alden Paul Johnson Sr.	95	734.283.6872	3421	Alden Paul Johnson Sr.	95	734.283.6872	
3421	Maryann Pauline Johnson	95	734.283.6872	3421	Maryann Pauline Johnson	95	734.283.6872	
3421	Monica Marie Lenart	99	734.281.6584	3421	Monica Marie Lenart	99	734.281.6584	
3421	Stephen Lenart	99	734.281.6584	3421	Stephen Lenart	99	734.281.6584	
3424	Gerald Edward Bartok	01	734.225.4935	3424	Gerald Edward Bartok	01	734.225.4935	
3424	Lynn Marie Bartok	01	734.225.4935	3424	Lynn Marie Bartok	01	734.225.4935	
3429	Joanne Cecelia Fronczak	+ NP		3429	Joanne Cecelia Fronczak	+ NP		
3432	Richard Chester Fronczak	+ NP		3432	Richard Chester Fronczak	+ NP		
3432	Donald L Hillman Jr.	93	734.292.9391	3432	Donald L Hillman Jr.	93	734.292.9391	
3432	Sandra Lee Hillman	93	734.292.9391	3432	Sandra Lee Hillman	93	734.292.9391	
3435	Alexander Edward Gasiawski III	83	NP	3435	Alexander Edward Gasiawski III	83	NP	
3444	Sylvia M Gasiawski	83	NP	3444	Sylvia M Gasiawski	83	NP	
3445	Janet Marie Grande	98	734.285.2733	3445	Janet Marie Grande	98	734.285.2733	
3445	Jessick Z Surawicki	85	NP	3445	Jessick Z Surawicki	85	NP	
3454	Janet Kristyna Surawicki	85	NP	3454	Janet Kristyna Surawicki	85	NP	
3460	Ted Michelle Donagale	02	734.285.4924	3460	Ted Michelle Donagale	02	734.285.4924	
3460	Amy Leanne Donagale	91	734.286.5838	3460	Amy Leanne Donagale	91	734.286.5838	
3460	Christopher Andrew Daniels	93	734.282.4642	3460	Christopher Andrew Daniels	93	734.282.4642	
3460	Connie Faye Rushford	93	734.285.5569	3460	Connie Faye Rushford	93	734.285.5569	
3460	Ronald Joseph Rushford	93	734.285.5569	3460	Ronald Joseph Rushford	93	734.285.5569	
PINE ST INTS								
3505	Matthew Robert Marzba	04	NP	3505	Matthew Robert Marzba	04	NP	
3510	Patricia Kay Roszkowski	97	734.284.1816	3510	Patricia Kay Roszkowski	97	734.284.1816	
3510	Ted Harold Roszkowski	97	734.284.1816	3510	Ted Harold Roszkowski	97	734.284.1816	
3511	Robert D Brunnsell	05	734.285.0314	3511	Robert D Brunnsell	05	734.285.0314	
3511	Kate Scheller	05	734.285.0314	3511	Kate Scheller	05	734.285.0314	
3516	Darlene Marie Shutes	71	734.284.6257	3516	Darlene Marie Shutes	71	734.284.6257	
3523	Candace Somers	04	734.284.9081	3523	Candace Somers	04	734.284.9081	
3530	Edward Joseph Masia	90	734.284.1266	3530	Edward Joseph Masia	90	734.284.1266	
3530	Estelle Masia	90	734.284.1266	3530	Estelle Masia	90	734.284.1266	
3539	Arthur Stephen Gresser	95	734.281.9146	3539	Arthur Stephen Gresser	95	734.281.9146	
3544	Gerrit Lynn Louks	87	NP	3544	Gerrit Lynn Louks	87	NP	
3544	Michael Loran Louks	87	NP	3544	Michael Loran Louks	87	NP	
3549	R Mahnak	92	734.281.3239	3549	R Mahnak	92	734.281.3239	
3549	Susan Marie Malinowski	92	734.281.3239	3549	Susan Marie Malinowski	92	734.281.3239	
3550	Helen Marie Thomas	93	734.282.1809	3550	Helen Marie Thomas	93	734.282.1809	
3550	Michael Clayton Thomas	93	734.282.1809	3550	Michael Clayton Thomas	93	734.282.1809	
3557	Ronald W Behrndt	06	NP	3557	Ronald W Behrndt	06	NP	
3558	Christine Elaine Frassetto	97	734.284.5693	3558	Christine Elaine Frassetto	97	734.284.5693	
3558	Larry Anthony Frassetto	97	734.284.5693	3558	Larry Anthony Frassetto	97	734.284.5693	
3567	Bruce Robinson Cate Sr.	72	734.282.6027	3567	Bruce Robinson Cate Sr.	72	734.282.6027	

APPENDIX E
AERIAL PHOTOGRAPHS



**AERIAL PHOTOGRAPH
1937**

PHASE I ENVIRONMENTAL SITE ASSESSMENT
1213 GROVE STREET
WYANDOTTE, MICHIGAN

PREPARED FOR
U.S. EPA
GROSSE ILE, MICHIGAN

TTL PROJECT NO.
9158.01





**AERIAL PHOTOGRAPH
1940**

PHASE I ENVIRONMENTAL SITE ASSESSMENT
1213 GROVE STREET
WYANDOTTE, MICHIGAN

PREPARED FOR
U.S. EPA
GROSSE ILE, MICHIGAN

TTL PROJECT NO.
9158.01





**AERIAL PHOTOGRAPH
1949**

PHASE I ENVIRONMENTAL SITE ASSESSMENT
1213 GROVE STREET
WYANDOTTE, MICHIGAN

PREPARED FOR
U.S. EPA
GROSSE ILE, MICHIGAN

TTL PROJECT NO.
9158.01





**AERIAL PHOTOGRAPH
1957**

PHASE I ENVIRONMENTAL SITE ASSESSMENT
1213 GROVE STREET
WYANDOTTE, MICHIGAN

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GROSSE ILE, MICHIGAN

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9158.01





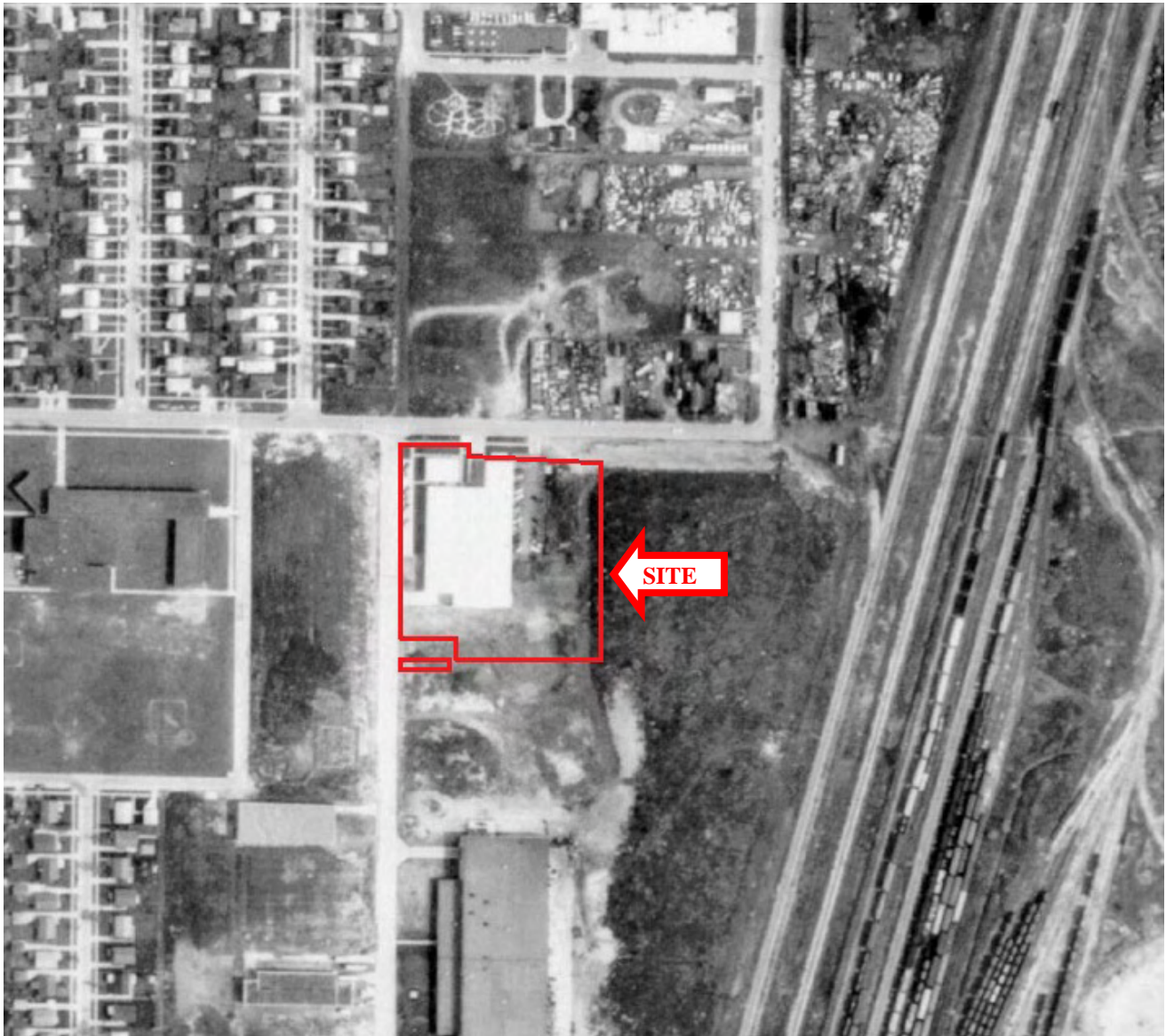
**AERIAL PHOTOGRAPH
1961**

PHASE I ENVIRONMENTAL SITE ASSESSMENT
1213 GROVE STREET
WYANDOTTE, MICHIGAN

PREPARED FOR
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GROSSE ILE, MICHIGAN

TTL PROJECT NO.
9158.01





**AERIAL PHOTOGRAPH
1967**

PHASE I ENVIRONMENTAL SITE ASSESSMENT
1213 GROVE STREET
WYANDOTTE, MICHIGAN

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**AERIAL PHOTOGRAPH
1972**

PHASE I ENVIRONMENTAL SITE ASSESSMENT
1213 GROVE STREET
WYANDOTTE, MICHIGAN

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9158.01





**AERIAL PHOTOGRAPH
1985**

PHASE I ENVIRONMENTAL SITE ASSESSMENT
1213 GROVE STREET
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**AERIAL PHOTOGRAPH
1993**

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1213 GROVE STREET
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9158.01





**AERIAL PHOTOGRAPH
1999**

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1213 GROVE STREET
WYANDOTTE, MICHIGAN

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9158.01





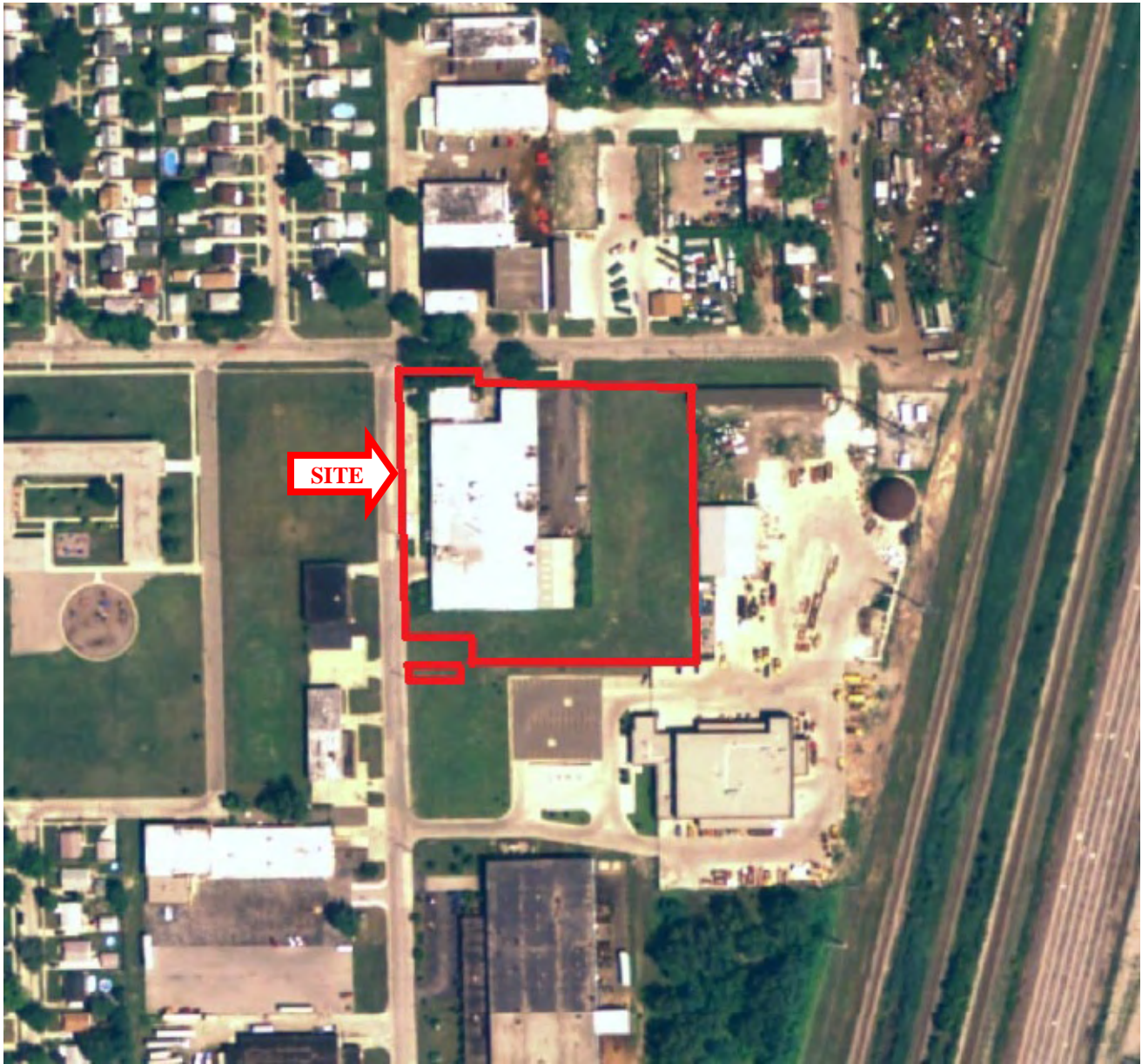
**AERIAL PHOTOGRAPH
2000**

PHASE I ENVIRONMENTAL SITE ASSESSMENT
1213 GROVE STREET
WYANDOTTE, MICHIGAN

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9158.01





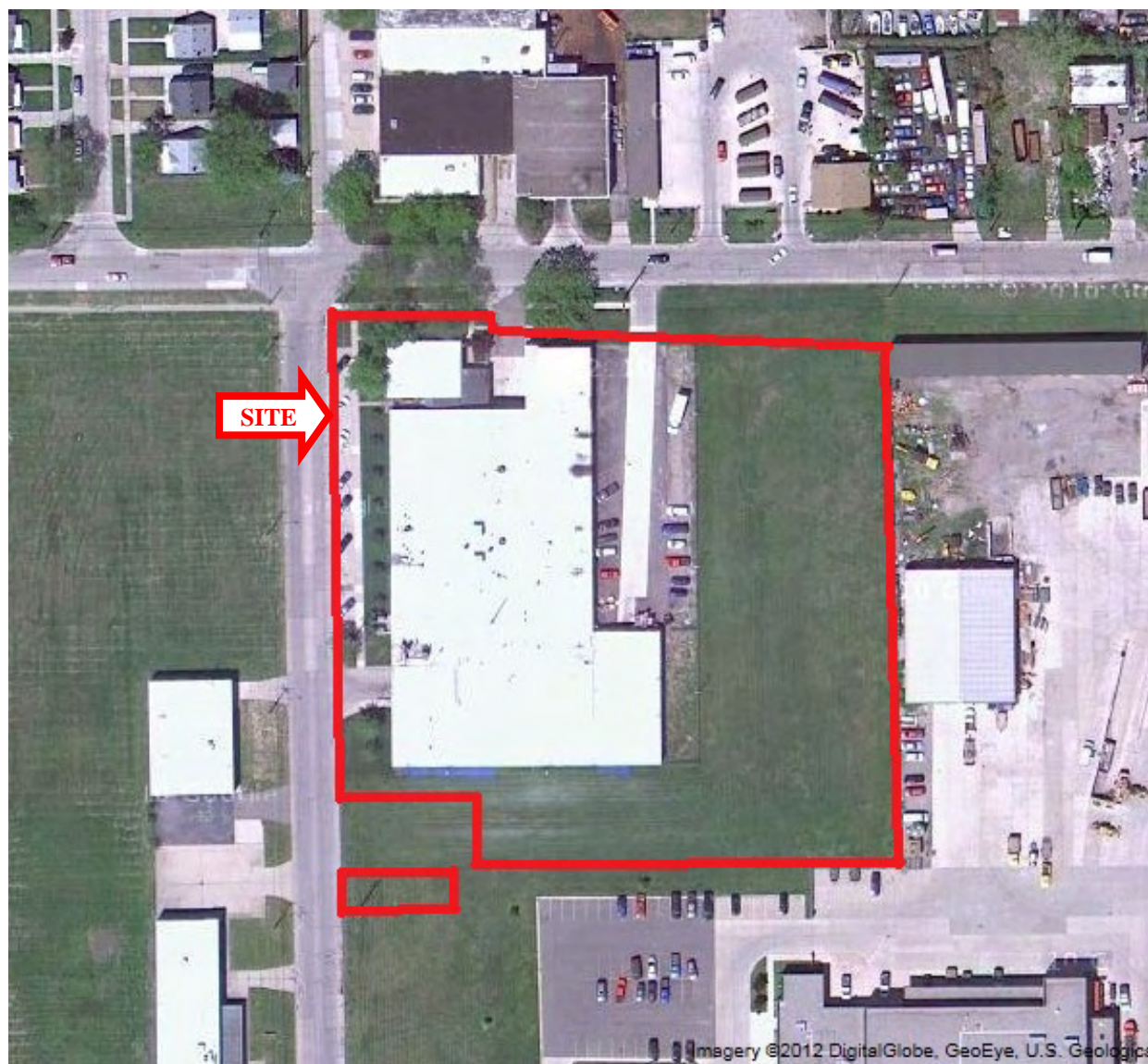
**AERIAL PHOTOGRAPH
2005**

PHASE I ENVIRONMENTAL SITE ASSESSMENT
1213 GROVE STREET
WYANDOTTE, MICHIGAN

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GROSSE ILE, MICHIGAN

TTL PROJECT NO.
9158.01





**AERIAL PHOTOGRAPH
2011**

PHASE I ENVIRONMENTAL SITE ASSESSMENT
1213 GROVE STREET
WYANDOTTE, MICHIGAN

PREPARED FOR
U.S. EPA
GROSSE ILE, MICHIGAN

TTL PROJECT NO.
9158.01



APPENDIX F
SITE PHOTOGRAPHS



Photo No. 1: Looking southwest at the site building (1213 Grove Street) from across Grove Street.



Photo No. 2: Looking south along the eastern site boundary from Grove Street.



Photo No. 3: Looking east across the southern site boundary from near the southwest corner of the site.



Photo No. 4: Looking south along the western site boundary from near the northwest corner of the site.



Photo No. 5: View of the northern site building truck well/loading dock.



Photo No. 6: View of the western truck well/loading dock area.



Photo No. 7: View of interior of storage area (southeastern portion of the building).



Photo No. 8: View of the two 1,750-gallon used oil ASTs located in the storage area.



Photo No. 9: View of the southern portion of the manufacturing floor area.

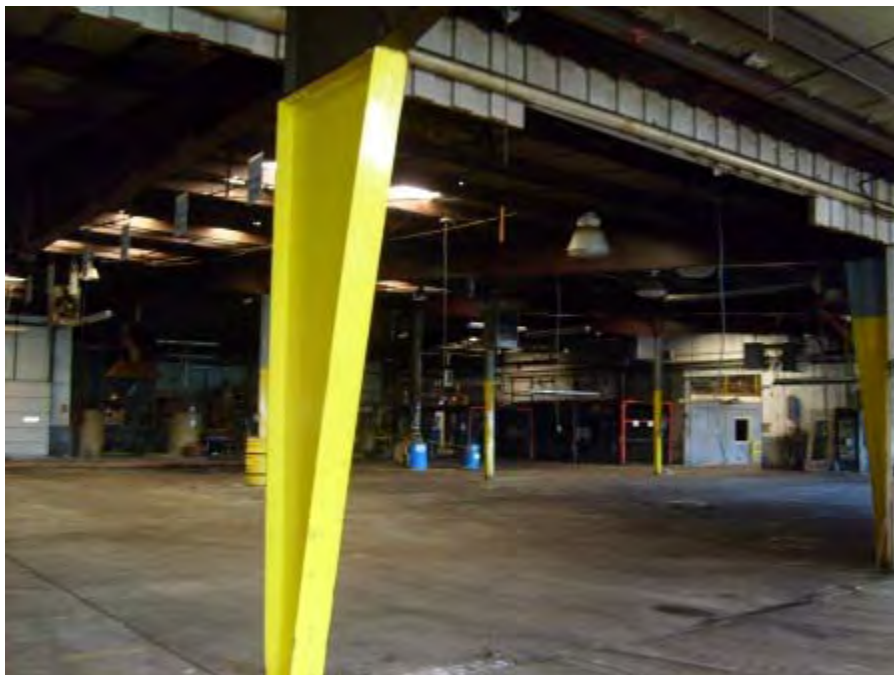


Photo No. 10: View of the central portion of the manufacturing floor area from the storage room area.



Photo No. 11: View of the waste water treatment plant area of the building.

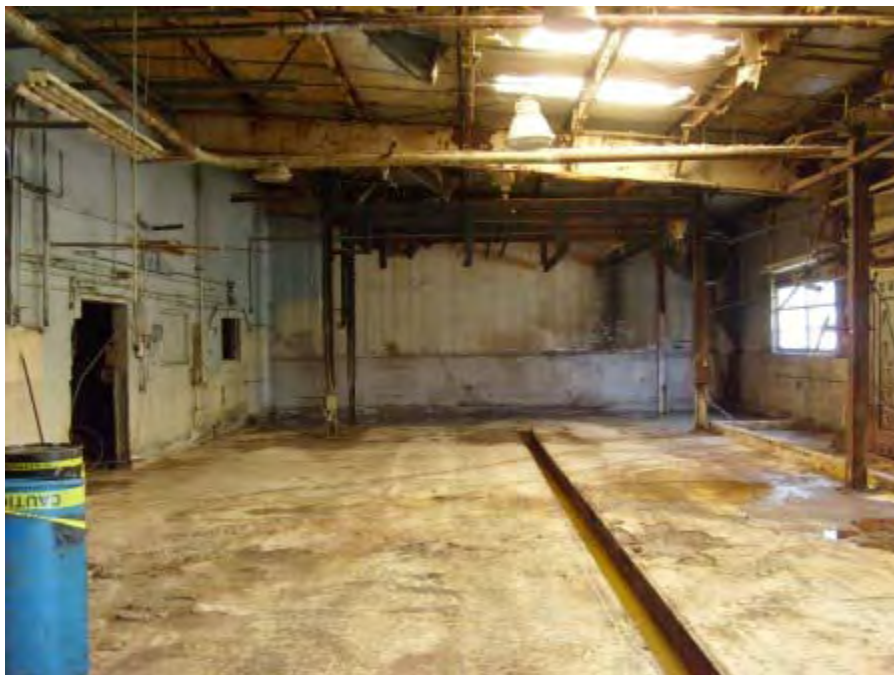


Photo No. 12: View of the plating line area of the building.



Photo No. 13: View of the northern portion of the manufacturing floor of the building.



Photo No. 14: View of the office area.



Photo No. 15: View of the miscellaneous debris located in the southern portion of the building.



Photo No. 16: View of oil-stained concrete pit.



Photo No. 17: View of plating line trench.



Photo No. 18: View of grated pit area located north of the WWTP.



Photo No. 19: View of grated pit area.



Photo No. 20: View of grated pit area located north of the WWTP.



Photo No. 21: View of the WWTP.



Photo No. 22: View of the northerly adjoining properties located beyond Grove Street [City of Wyandotte Animal Pound and Recycle Center (1170 Grove Street), and Mercury Manufacturing Company (1212 Grove Street)].



Photo No. 23: View of southerly adjoining City of Wyandotte Department of Public Works (4201 13th Street).



Photo No. 24: View of the southerly adjoining City of Wyandotte Department of Public Works (4201 13th Street).



Photo No. 25: View of the westerly adjoining commercial properties (4012 and 4112 13th Street) located beyond 13th Street.



Photo No. 26: View of the northwesterly adjoining residential properties, 13th Street, and the northerly adjoining commercial property (Mercury Manufacturing Company, 1212 Grove Street), located beyond Grove Street.

APPENDIX G
ENVIRONMENTAL DATABASE REPORT

Former Detroit Tubular Rivot Property

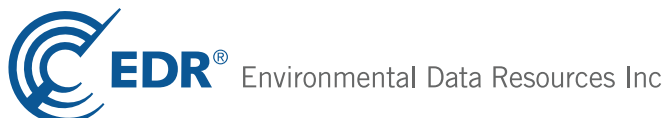
1213 Grove Street

Wyandotte, MI 48192

Inquiry Number: 3348062.2s

June 19, 2012

The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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Detail Map	3
Map Findings Summary	4
Map Findings	7
Orphan Summary	160
Government Records Searched/Data Currency Tracking	GR-1
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Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-7
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Physical Setting Source Records Searched	A-12

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 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1213 GROVE STREET
WYANDOTTE, MI 48192

COORDINATES

Latitude (North): 42.1923000 - 42° 11' 32.28"
Longitude (West): 83.1676000 - 83° 10' 3.36"
Universal Tranverse Mercator: Zone 17
UTM X (Meters): 321016.8
UTM Y (Meters): 4673188.0
Elevation: 579 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 42083-B2 WYANDOTTE, MI
Most Recent Revision: 1981

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 2009, 2010
Source: USDA

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 7 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
DETROIT TUBULAR RIVET INC 1213 GROVE ST WYANDOTTE, MI 48192	RCRA-LQG TRIS FINDS UST	48192DTRTT12
DETROIT TUBULAR RIVET INC 1213 GROVE ST WYANDOTTE, MI 48192	AIRS	N/A

EXECUTIVE SUMMARY

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

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY..... Federal Facility Site Information listing

Federal RCRA non-CORRACTS TSD facilities list

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

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

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

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

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

INDIAN UST..... Underground Storage Tanks on Indian Land
FEMA UST..... Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

AUL..... Engineering and Institutional Controls

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

EXECUTIVE SUMMARY

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields and UST Site Database

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

ODI..... Open Dump Inventory
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
HIST LF..... Inactive Solid Waste Facilities
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs
DEL SHWS..... Delisted List of Contaminated Sites
CDL..... Clandestine Drug Lab Listing
US HIST CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information
LUCIS..... Land Use Control Information System
LIENS..... Lien List

Records of Emergency Release Reports

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

Other Ascertainable Records

DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites
MINES..... Mines Master Index File
TSCA..... Toxic Substances Control Act
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
SSTS..... Section 7 Tracking Systems
ICIS..... Integrated Compliance Information System
PADS..... PCB Activity Database System
MLTS..... Material Licensing Tracking System
RADINFO..... Radiation Information Database

EXECUTIVE SUMMARY

RAATS.....	RCRA Administrative Action Tracking System
WDS.....	Waste Data System
UIC.....	Underground Injection Wells Database
DRYCLEANERS.....	Drycleaning Establishments
NPDES.....	List of Active NPDES Permits
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
COAL ASH.....	Coal Ash Disposal Sites
EPA WATCH LIST.....	EPA WATCH LIST
2020 CORRECTIVE ACTION.....	2020 Corrective Action Program List
COAL ASH DOE.....	Sleam-Electric Plan Operation Data
PCB TRANSFORMER.....	PCB Transformer Registration Database
FINANCIAL ASSURANCE.....	Financial Assurance Information Listing

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants.....	EDR Proprietary Manufactured Gas Plants
EDR Historical Auto Stations..	EDR Proprietary Historic Gas Stations
EDR Historical Cleaners.....	EDR Proprietary Historic Dry Cleaners

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS NFRAP site List

CERC-NFRAP: Archived sites are sites that have been removed and archived from the inventory of CERCLIS 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 this 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. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

A review of the CERC-NFRAP list, as provided by EDR, and dated 12/28/2011 has revealed that there is 1 CERC-NFRAP site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>HORIZON TECHNOLOGY GROUP WYAND</i>	<i>4261 13TH STREET</i>	<i>SSW 1/8 - 1/4 (0.166 mi.)</i>	<i>E18</i>	<i>49</i>

EXECUTIVE SUMMARY

Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 08/19/2011 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ARKEMA INC	17168 JEFFERSON	SSE 1/2 - 1 (0.643 mi.)	35	80

Federal RCRA generators list

RCRA-LQG: 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.

A review of the RCRA-LQG list, as provided by EDR, and dated 03/15/2012 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CADON PLATING CO	3715 11TH STREET	NNE 1/8 - 1/4 (0.221 mi.)	24	59

RCRA-SQG: 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.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/15/2012 has revealed that there are 2 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MERCURY MANUFACTURING CO.	1212 GROVE ST.	0 - 1/8 (0.001 mi.)	A4	22
CITY OF WYANDOTTE	1170 GROVE ST	E 0 - 1/8 (0.026 mi.)	5	29

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

A review of the RCRA-CESQG list, as provided by EDR, and dated 03/15/2012 has revealed that there is

EXECUTIVE SUMMARY

1 RCRA-CESQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CITY OF WYANDOTTE	4201 13TH ST	SSW 1/8 - 1/4 (0.134 mi.)	D14	41

State- and tribal - equivalent CERCLIS

SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Quality's Contaminated Sites List on Diskette With Address.

A review of the SHWS list, as provided by EDR, and dated 04/30/2012 has revealed that there are 4 SHWS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PRODUCTION FINISHING Facility Status: Inactive - no actions taken to address contamination	4261 13TH ST.	SSW 1/8 - 1/4 (0.166 mi.)	E17	48
KARMAZIN PRODUCTS CORPORATION Facility Status: Evaluation conducted	3776 11TH STREET	NNE 1/8 - 1/4 (0.172 mi.)	F21	56

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PENNWALT CORP Facility Status: Interim Response in progress	4655 BIDDLE ST	SE 1/2 - 1 (0.611 mi.)	34	79
FIRESTONE PROPERTY, RIVERVIEW Facility Status: Inactive - no actions taken to address contamination	17423 JEFFERSON	SSE 1/2 - 1 (0.706 mi.)	36	159

State and tribal leaking storage tank lists

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

A review of the LUST list, as provided by EDR, and dated 03/20/2012 has revealed that there are 2 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FRED C MAY TRUST Facility Status: Open	1212 GROVE ST	0 - 1/8 (0.001 mi.)	A3	20
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WYANDOTTE SEWAGE TREATMENT PLANT Facility Status: Closed Facility Status: Closed	797 CENTRAL ST	SE 1/4 - 1/2 (0.422 mi.)	33	77

EXECUTIVE SUMMARY

State and tribal registered storage tank lists

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

A review of the UST list, as provided by EDR, and dated 03/20/2012 has revealed that there are 5 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FRED C MAY TRUST	1212 GROVE ST	0 - 1/8 (0.001 mi.)	A3	20
CREST INDUSTRIES INC	3855 13TH ST	NNW 0 - 1/8 (0.103 mi.)	B6	31
ROBERT A AMORI	3810 11TH ST	NNE 1/8 - 1/4 (0.133 mi.)	C12	40
CITY OF WYANDOTTE	4201 13TH STREET	SSW 1/8 - 1/4 (0.134 mi.)	D13	41
SCHOOL DIST/CITY OF WYANDOTTE	1501 GROVE ST	W 1/8 - 1/4 (0.144 mi.)	16	47

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 AST list, as provided by EDR, and dated 03/09/2012 has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ARMADA OIL & GAS CO	3810 11TH ST	NNE 1/8 - 1/4 (0.133 mi.)	C10	36

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: A listing of recycling center locations.

A review of the SWRCY list, as provided by EDR, and dated 11/24/2009 has revealed that there is 1 SWRCY site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
KARMAZIN PRODUCTS CORPORATION	3776 11TH STREET	NNE 1/8 - 1/4 (0.172 mi.)	F21	56

Other Ascertainable Records

RCRA-NonGen: 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 list, as provided by EDR, and dated 03/15/2012 has revealed that there

EXECUTIVE SUMMARY

are 7 RCRA-NonGen sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CREST INDUSTRIES INC	3841-3855 13TH STREET	NNW 0 - 1/8 (0.110 mi.)	B7	32
MERCURY MANUFACTURING	3815 13TH ST	NNW 1/8 - 1/4 (0.125 mi.)	8	33
JD & B ASSOCIATES LLC	3810 11TH ST	NNE 1/8 - 1/4 (0.133 mi.)	C9	34
BASF CORP	4112 13TH ST	SSW 1/8 - 1/4 (0.140 mi.)	D15	45
HORIZON TECHNOLOGY GROUP WYAND	4261 13TH STREET	SSW 1/8 - 1/4 (0.166 mi.)	E18	49
BARNES FAMILY GROUP WYANDOTTE	3776 11TH ST	NNE 1/8 - 1/4 (0.172 mi.)	F19	52
STEEL TOOL AND ENGINEERING CO	3767 11TH ST	NNE 1/8 - 1/4 (0.180 mi.)	F22	56

BEA: Baseline Environmental Assessment.

A review of the BEA list, as provided by EDR, and dated 02/23/2012 has revealed that there are 14 BEA sites within approximately 0.5 miles of the target property.

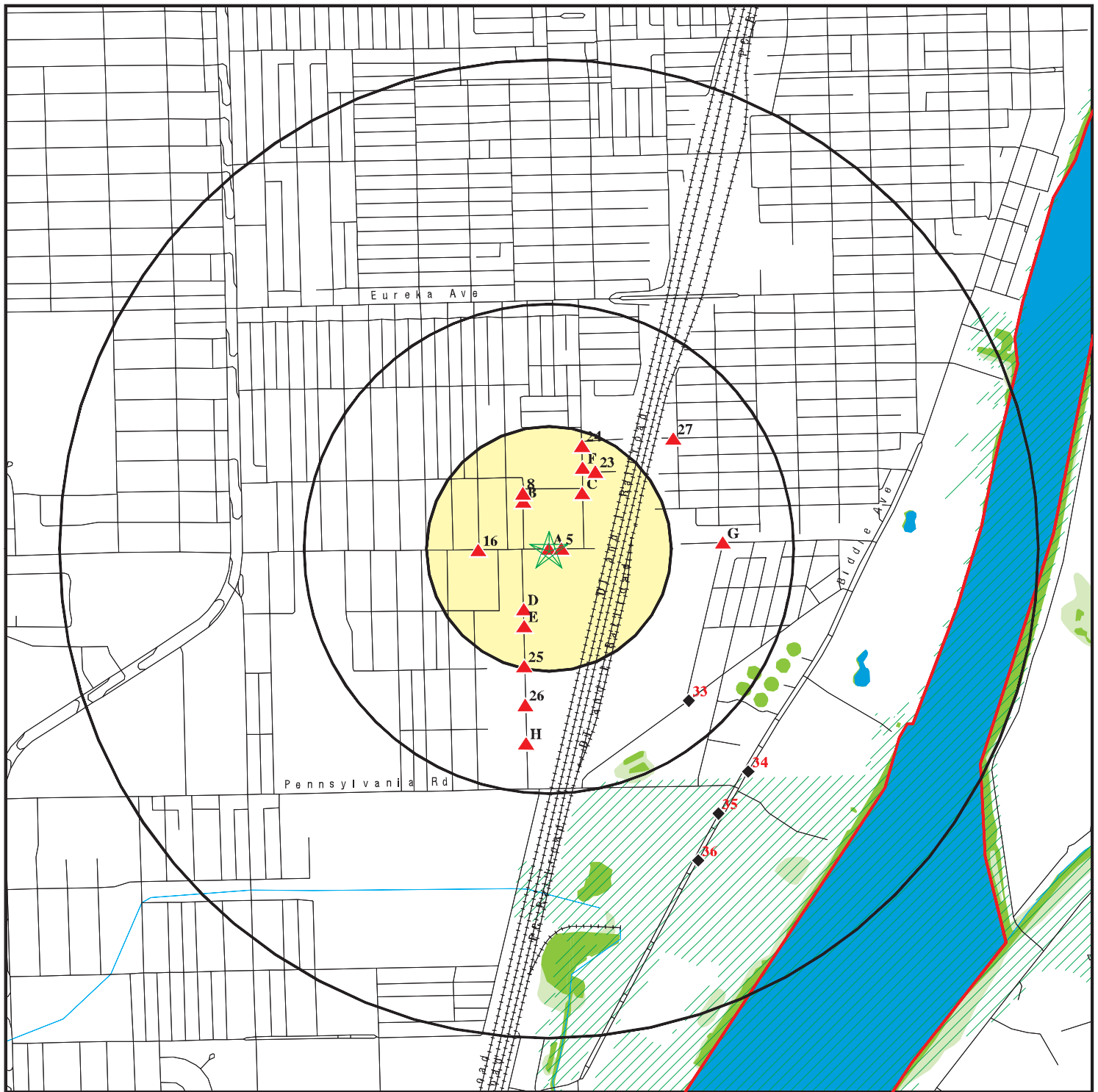
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
J. D. & B. ASSOCIATES, LLC	3810 ELEVENTH STREET	NNE 1/8 - 1/4 (0.133 mi.)	C11	39
PRODUCTION FINISHING	4261 13TH ST.	SSW 1/8 - 1/4 (0.166 mi.)	E17	48
KARMAZIN PRODUCTS	3776 ELEVENTH STREET	NNE 1/8 - 1/4 (0.172 mi.)	F20	55
KARMAZIN PRODUCTS CORPORATION	3776 11TH STREET	NNE 1/8 - 1/4 (0.172 mi.)	F21	56
CADON PLATING COMPANY	1060 ARCH STREET	NNE 1/8 - 1/4 (0.184 mi.)	23	58
CADON PLATING CO	3715 11TH STREET	NNE 1/8 - 1/4 (0.221 mi.)	24	59
CENTRAL COAST PROPERTIES, LLC	4216 13TH STREET	SSW 1/8 - 1/4 (0.245 mi.)	25	73
COMMERCIAL PROPERTY	4410 13TH STREET	S 1/4 - 1/2 (0.323 mi.)	26	74
STANDARD OIL TERMINAL (FORMER)	925 PLUM STREET	NE 1/4 - 1/2 (0.340 mi.)	27	74
GROVE AVENUE AND EIGHTH STREET	GROVE AVENUE AND EIGHTH	1/4 - 1/2 (0.356 mi.)	G28	74
CENTRAL AVENUE FACILITY	GROVE & EIGHTH STREET	E 1/4 - 1/2 (0.356 mi.)	G29	75
MIRANT WYANDOTTE, LLC	GROVE AVENUE AND EIGHTH	1/4 - 1/2 (0.356 mi.)	G30	75
Not reported	4624 13TH ST.	S 1/4 - 1/2 (0.400 mi.)	H31	75
13 PENNSYLVANIA, LLC	4660 13TH STREET	S 1/4 - 1/2 (0.419 mi.)	H32	77

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 28 records.

Site Name	Database(s)
BASF POINT HENNEPIN	SHWS
MONGUAGON CREEK	SHWS
WAYNE CO./DET AREA HISTORICAL SMEL	SHWS
230 & 242 MULBERRY STREET	SHWS, BEA
BASF WYANDOTTE SOUTH WORKS	SHWS
BASF CENTRAL AVENUE	SHWS
LOWER ECORSE CREEK	SHWS, DEL SHWS
PENNWALT CORPORATION BRINE FIELD	CERC-NFRAP
CENTRAL AVENUE WYANDOTTE	CERC-NFRAP
FORMER SUNOCO #008-5639	LUST, UST
BEST CONCRETE	LUST, UST
US POSTAL SERVICE	RCRA-NonGen, FINDS
AIR,GROUND, AND WATER MONGUAGON CR	ERNS
DETROIT RIVER AT THE END OF OAK	ERNS
DETROIT RIVER WYDOTTE BOAT RAMP ST	ERNS
FORMER GODDARD SUBSTATION	FINDS
2040 BIDDLE PROPERTY	FINDS
135 FORD PROPERTY	FINDS
FORMER GODDARD SUBSTATION	US BROWNFIELDS
2040 BIDDLE PROPERTY	US BROWNFIELDS
WOOLSEY REALTY INC. PROPERTY	BEA
WYANDOTTE, CITY OF	BEA
TENASKA MICHIGAN PARTNERS, LLC	BEA
CITY OF WYANDOTTE	BEA
WYANDOTTE INDUSTRIAL SUBDIVISION #	BEA
HORIZON PROPERTIES/ WYANDOTTE SUB.	BEA
	SPILLS, BEA
SYCAMORE STREET PROPERTY	DEL SHWS

OVERVIEW MAP - 3348062.2s



★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

⚙ Manufactured Gas Plants

☒ National Priority List Sites

☒ Dept. Defense Sites

☒ Indian Reservations BIA

⚡ County Boundary

⚡ Oil & Gas pipelines from USGS

▨ 100-year flood zone

▨ 500-year flood zone

▨ National Wetland Inventory

▨ State Wetlands

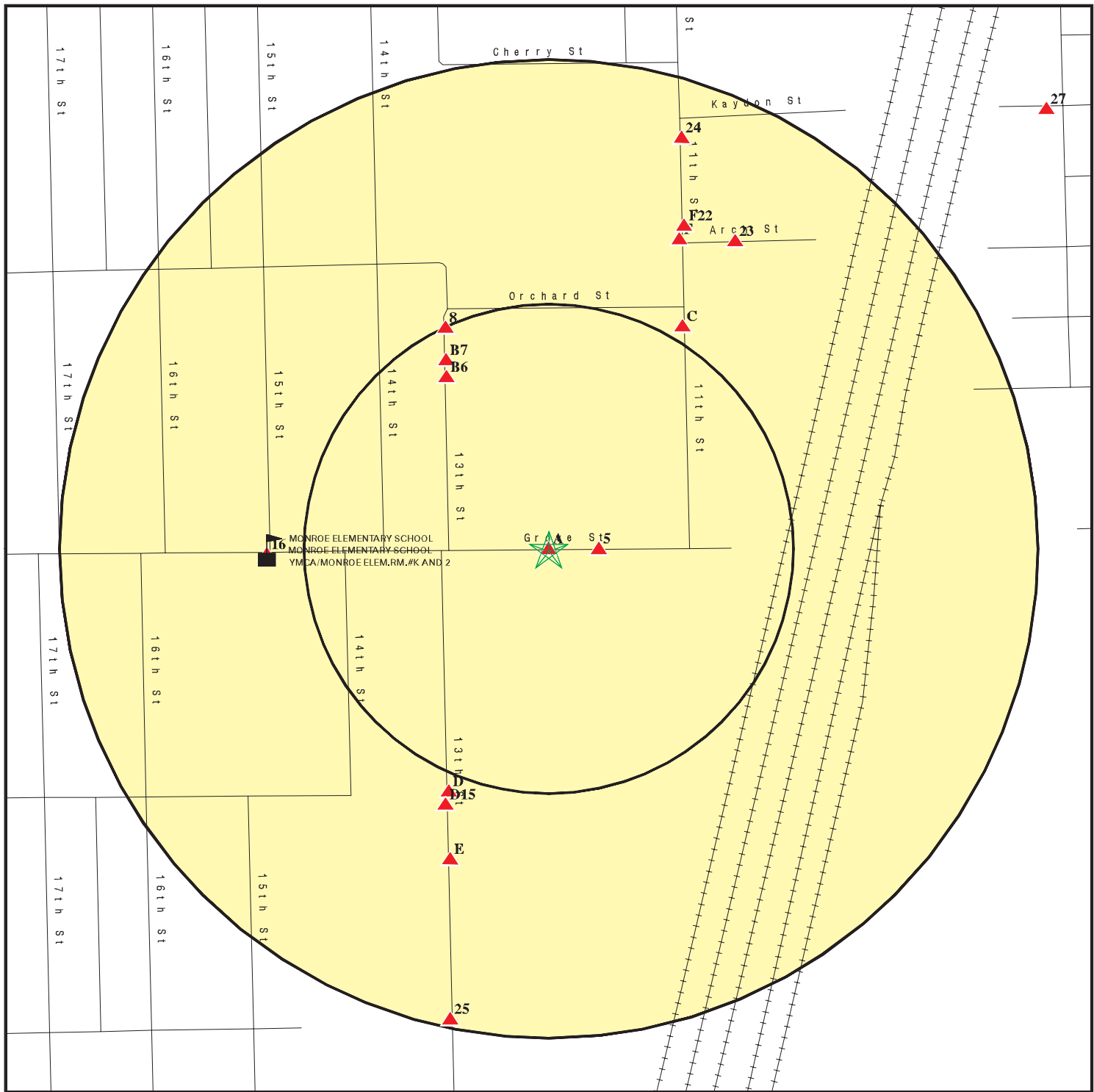
0 1/4 1/2 1 Miles

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: Former Detroit Tubular Rivet Property
ADDRESS: 1213 Grove Street
Wyandotte MI 48192
LAT/LONG: 42.1923 / 83.1676

CLIENT: TTL Associates, Inc
CONTACT: Marcia H. Lim
INQUIRY #: 3348062.2s
DATE: June 19, 2012 2:55 pm

DETAIL MAP - 3348062.2s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ⚙ Manufactured Gas Plants
- ⚠ Sensitive Receptors
- 🚒 National Priority List Sites
- 🛡 Dept. Defense Sites

- 🏠 Indian Reservations BIA
- 🛢 Oil & Gas pipelines from USGS
- 🌊 100-year flood zone
- 🌊 500-year flood zone

0 1/16 1/8 1/4 Miles



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: Former Detroit Tubular Rivot Property
 ADDRESS: 1213 Grove Street
 Wyandotte MI 48192
 LAT/LONG: 42.1923 / 83.1676

CLIENT: TTL Associates, Inc
 CONTACT: Marcia H. Lim
 INQUIRY #: 3348062.2s
 DATE: June 19, 2012 2:58 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP	0.500		0	1	0	NR	NR	1
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	1	NR	1
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250	1	0	1	NR	NR	NR	2
RCRA-SQG	0.250		2	0	NR	NR	NR	2
RCRA-CESQG	0.250		0	1	NR	NR	NR	1
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS	1.000		0	2	0	2	NR	4
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		1	0	1	NR	NR	2
INDIAN LUST	0.500		0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
UST	0.250	1	2	3	NR	NR	NR	6

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
AST	0.250		0	1	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
AUL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	1	0	NR	NR	1
HIST LF	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
DEL SHWS	1.000		0	0	0	0	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen	0.250		1	6	NR	NR	NR	7
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UMTRA	0.500		0	0	0	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP	1	NR	NR	NR	NR	NR	1
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP	1	NR	NR	NR	NR	NR	1
RAATS	TP		NR	NR	NR	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
AIRS	TP	1	NR	NR	NR	NR	NR	1
BEA	0.500		0	7	7	NR	NR	14
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 CORRECTIVE ACTION	0.250		0	0	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
FINANCIAL ASSURANCE	TP		NR	NR	NR	NR	NR	0

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants	1.000		0	0	0	0	NR	0
EDR Historical Auto Stations	0.250		0	0	NR	NR	NR	0
EDR Historical Cleaners	0.250		0	0	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

A1
Target
Property

DETROIT TUBULAR RIVET INC
1213 GROVE ST
WYANDOTTE, MI 48192

RCRA-LQG
TRIS
FINDS
UST

1000367015
48192DTRTT12

Site 1 of 4 in cluster A

Actual:
579 ft.

RCRA-LQG:

Date form received by agency: 02/04/2010
Facility name: DETROIT TUBULAR RIVET INC
Facility address: 1213 GROVE ST
WYANDOTTE, MI 48192
EPA ID: MID005373774
Contact: TOM FIDLER
Contact address: 1213 GROVE ST
WYANDOTTE, MI 48192
Contact country: US
Contact telephone: (734) 282-7979
Contact email: Not reported
EPA Region: 05
Land type: Private
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: DETROIT TUBULAR RIVET INC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 08/04/1980
Owner/Op end date: Not reported

Owner/operator name: GERALD KEAST
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 02/27/2002
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DETROIT TUBULAR RIVET INC (Continued)

1000367015

Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Universal Waste Summary:

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

Historical Generators:

Date form received by agency: 02/04/2010
Facility name: DETROIT TUBULAR RIVET INC
Classification: Large Quantity Generator

Date form received by agency: 04/21/2009
Facility name: DETROIT TUBULAR RIVET INC
Classification: Large Quantity Generator

Date form received by agency: 03/01/2008
Facility name: DETROIT TUBULAR RIVET INC
Classification: Large Quantity Generator

Date form received by agency: 02/29/2008
Facility name: DETROIT TUBULAR RIVET INC
Classification: Large Quantity Generator

Date form received by agency: 04/20/2007
Facility name: DETROIT TUBULAR RIVET INC
Classification: Large Quantity Generator

Date form received by agency: 03/01/2006
Facility name: DETROIT TUBULAR RIVET INC
Classification: Large Quantity Generator

Date form received by agency: 02/27/2006
Facility name: DETROIT TUBULAR RIVET INC
Classification: Large Quantity Generator

Date form received by agency: 02/18/2005
Facility name: DETROIT TUBULAR RIVET INC
Classification: Large Quantity Generator

Date form received by agency: 03/01/2004
Facility name: DETROIT TUBULAR RIVET INC
Classification: Large Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DETROIT TUBULAR RIVET INC (Continued)

1000367015

Date form received by agency: 02/11/2004

Facility name: DETROIT TUBULAR RIVET INC

Classification: Large Quantity Generator

Date form received by agency: 03/05/2003

Facility name: DETROIT TUBULAR RIVET INC

Classification: Large Quantity Generator

Date form received by agency: 03/01/2002

Facility name: DETROIT TUBULAR RIVET INC

Classification: Large Quantity Generator

Date form received by agency: 02/27/2002

Facility name: DETROIT TUBULAR RIVET INC

Classification: Large Quantity Generator

Date form received by agency: 08/07/2000

Facility name: DETROIT TUBULAR RIVET INC

Classification: Large Quantity Generator

Date form received by agency: 02/24/2000

Facility name: DETROIT TUBULAR RIVET INC

Classification: Large Quantity Generator

Date form received by agency: 02/27/1994

Facility name: DETROIT TUBULAR RIVET INC

Site name: DETROIT TUBULAR RIVET

Classification: Large Quantity Generator

Date form received by agency: 03/01/1992

Facility name: DETROIT TUBULAR RIVET INC

Site name: DETROIT TUBULAR RIVET

Classification: Large Quantity Generator

Date form received by agency: 01/30/1990

Facility name: DETROIT TUBULAR RIVET INC

Site name: DETROIT TUBULAR RIVET

Classification: Large Quantity Generator

Date form received by agency: 08/04/1980

Facility name: DETROIT TUBULAR RIVET INC

Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: D001

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

Biennial Reports:

Last Biennial Reporting Year: 2011

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DETROIT TUBULAR RIVET INC (Continued)

1000367015

Annual Waste Handled:

Waste code: F006

Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Amount (Lbs): 66877.7

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 07/26/2011
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/26/2011
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Used Oil - Generators
Date violation determined: 07/26/2011
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/26/2011
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 10/18/2006
Date achieved compliance: 12/20/2006
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/23/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DETROIT TUBULAR RIVET INC (Continued)

1000367015

Area of violation: Universal Waste - Small Quantity Handlers
Date violation determined: 06/20/2005
Date achieved compliance: 11/10/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/03/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 06/20/2005
Date achieved compliance: 11/10/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/03/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 06/20/2005
Date achieved compliance: 08/03/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/23/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 06/20/2005
Date achieved compliance: 11/10/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/23/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DETROIT TUBULAR RIVET INC (Continued)

1000367015

Date violation determined: 06/20/2005
Date achieved compliance: 11/10/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/23/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 06/20/2005
Date achieved compliance: 11/10/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/03/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 06/20/2005
Date achieved compliance: 11/10/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/23/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 06/20/2005
Date achieved compliance: 11/10/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/03/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 06/20/2005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DETROIT TUBULAR RIVET INC (Continued)

1000367015

Date achieved compliance: 11/10/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/03/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 06/20/2005
Date achieved compliance: 11/10/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/23/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Used Oil - Generators
Date violation determined: 06/20/2005
Date achieved compliance: 08/03/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/23/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Universal Waste - Small Quantity Handlers
Date violation determined: 06/20/2005
Date achieved compliance: 11/10/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/23/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 08/01/2000
Date achieved compliance: 04/09/2001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DETROIT TUBULAR RIVET INC (Continued)

1000367015

Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/04/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 09/28/1989
Date achieved compliance: 11/09/1989
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/13/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 09/28/1989
Date achieved compliance: 11/09/1989
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/13/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 08/02/1988
Date achieved compliance: 09/20/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/11/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 08/02/1988
Date achieved compliance: 09/20/1989
Violation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DETROIT TUBULAR RIVET INC (Continued)

1000367015

Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 07/26/2011
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Used Oil - Generators
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/26/2011
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: State Statute or Regulation
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/18/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 12/20/2006
Evaluation lead agency: State

Evaluation date: 06/20/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 11/10/2005
Evaluation lead agency: State

Evaluation date: 06/20/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Used Oil - Generators
Date achieved compliance: 08/03/2005
Evaluation lead agency: State

Evaluation date: 06/20/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 08/03/2005
Evaluation lead agency: State

Evaluation date: 06/20/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 11/10/2005
Evaluation lead agency: State

Evaluation date: 06/20/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Universal Waste - Small Quantity Handlers
Date achieved compliance: 11/10/2005
Evaluation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DETROIT TUBULAR RIVET INC (Continued)

1000367015

Evaluation date: 06/20/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 11/10/2005
Evaluation lead agency: State

Evaluation date: 06/20/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: State Statute or Regulation
Date achieved compliance: 11/10/2005
Evaluation lead agency: State

Evaluation date: 08/01/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 04/09/2001
Evaluation lead agency: State

Evaluation date: 04/24/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/15/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/15/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 09/28/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 11/09/1989
Evaluation lead agency: EPA Contractor/Grantee

Evaluation date: 09/28/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 11/09/1989
Evaluation lead agency: EPA Contractor/Grantee

Evaluation date: 08/02/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 09/20/1989
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 08/02/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DETROIT TUBULAR RIVET INC (Continued)

1000367015

Date achieved compliance: 09/20/1989
Evaluation lead agency: State

TRIS:

[Click this hyperlink](#) while viewing on your computer to access
2 additional US_TRIS: record(s) in the EDR Site Report.

FINDS:

Registry ID: 110000406409

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.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

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.

HAZARDOUS WASTE BIENNIAL REPORTER

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

UST:

Facility ID: 00035111
Facility Type: CLOSED
Latitude: 42.19224
Longitude: -83.16768
Owner Name: DETROIT TUBULAR RIVET
Owner Address: 1213 GROVE ST
Owner City,St,Zip: WYANDOTTE, MI 48192-7045
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (734) 282-7980
Contact: JIM THOMAS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DETROIT TUBULAR RIVET INC (Continued)

1000367015

Contact Phone: (734) 282-7979
Date of Collection: 01/11/2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number

Tank ID: 1
Tank Status: **Removed from Ground**
Capacity: 2000
Install Date: 04/17/1991
Product: Hazardous Substance
Remove Date: 06/04/1991
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel,Galvanized Steel
Piping Type: Gravity Fed?,Suction: No Valve At Tank
Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 2
Tank Status: **Removed from Ground**
Capacity: 2000
Install Date: 04/17/1991
Product: Hazardous Substance
Remove Date: 06/04/1991
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel,Galvanized Steel
Piping Type: Gravity Fed?,Suction: No Valve At Tank
Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: SA-02
Tank Status: **NON-Registered Tank**
Capacity: Not reported
Install Date: Not reported
Product: Not reported
Remove Date: Not reported
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Not reported
Piping Type: Not reported
Construction Material: Not reported
Impressed Device: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A2
Target
Property

DETROIT TUBULAR RIVET INC
1213 GROVE ST
WYANDOTTE, MI 48192

AIRS **S107699549**
N/A

Site 2 of 4 in cluster A

Actual:
579 ft.

AIRS:

El Year:	Not reported
State Registration Number:	M4607
Naics Code:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Contact Address:	Not reported
Contact City,St,Zip:	Not reported
Permit Number:	C-11195
Date Received:	11/19/1997
State Registration Number:	M4607
Country:	Not reported
Application Reason:	MODIFIED VAPOR DEGREASER
Record Type:	Not reported
State County FIPS:	Not reported
Facility Category:	Not reported
SIC Primary:	Not reported
Tribal Code:	Not reported
Supplemental Location Text:	Not reported
Dun & Brad Street Number:	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
El Contact Area Code:	Not reported
El Contact Phone Number:	Not reported
Permit Contact Person:	Not reported
Permit Contact Person Area Code:	Not reported
Permit Contact Person Phone Number:	Not reported
Federal Employer Id Number:	Not reported
# Of Employees:	Not reported
Reporting Year:	Not reported
Date Record Was Created:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A3
< 1/8
0.001 mi.
3 ft.
FRED C MAY TRUST
1212 GROVE ST
WYANDOTTE, MI 48192
Site 3 of 4 in cluster A

LUST
UST
AIRS
U003324707
N/A

Relative:
Higher

LUST:

Facility ID: 00020867
Source: STATE OF MICHIGAN
Owner Name: Fred C May Trust
Owner Address: 1212 Grove St
Owner City,St,Zip: Wyandotte, MI 48192-7008
Owner Contact: Not reported
Owner Phone: (734) 285-5150
Country: USA
District: SE Michigan District Office
Site Name: Mercury Manufacturing
Latitude: 42.19251
Longitude: -83.16769
Date of Collection: 01/11/2001
Method of Collection: Address Matching-House Number
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

Leak Number: C-1271-97
Release Date: 12/18/1997
Substance Released: Unknown
Release Status: Open
Release Closed Date: Not reported

UST:

Facility ID: 00020867
Facility Type: CLOSED
Latitude: 42.19251
Longitude: -83.16769
Owner Name: FRED C MAY TRUST
Owner Address: 1212 GROVE ST
Owner City,St,Zip: WYANDOTTE, MI 48192-7008
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (734) 285-5150
Contact: DENNIS PENDELL
Contact Phone: (313) 285-5150
Date of Collection: 01/11/2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number

Tank ID: 1
Tank Status: Removed from Ground
Capacity: 10000
Install Date: 12/10/1968
Product: CARBURETOR/CLEENER

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRED C MAY TRUST (Continued)

U003324707

Remove Date: 12/02/1997
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Suction: No Valve At Tank
Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 2
Tank Status: Closed in Ground
Capacity: 1000
Install Date: 01/01/1973
Product: Used Oil
Remove Date: 12/02/1997
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Suction: No Valve At Tank
Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

AIRS:

El Year: 1994
State Registration Number: N3081
Naics Code: Not reported
Contact Name: Not reported
Contact Phone: Not reported
Contact Address: Not reported
Contact City,St,Zip: Not reported
Permit Number: Not reported
Date Received: Not reported
State Registration Number: N3081
Country: Not reported
Application Reason: Not reported
Record Type: Not reported
State County FIPS: Not reported
Facility Category: Not reported
SIC Primary: 3451
Tribal Code: Not reported
Supplemental Location Text: Not reported
Dun & Brad Street Number: 6520696
Business Name: MERCURY MANUFACTURING CO
Principal Product: Not reported
Principal Product Description: Not reported
UTM Zone (Geo Coordinates Universal Transverse Mercator System): 17
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: JON SCALLION
Compliance Area Code: 313

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRED C MAY TRUST (Continued)

U003324707

Compliance Phone Number: 2855150
Emission Inventory Contact Person: JON SCALLION
EI Contact Area Code: 313
EI Contact Phone Number: 2855150
Permit Contact Person: JON SCALLION
Permit Contact Person Area Code: 313
Permit Contact Person Phone Number: 2855150
Federal Employer Id Number: 381875436
Of Employees: 70
Reporting Year: 1995
Date Record Was Created: 09/12/1991

A4 **MERCURY MANUFACTURING CO.**
1212 GROVE ST.
< 1/8 **WYANDOTTE, MI 48192**
0.001 mi.
3 ft.

RCRA-SQG **1000182191**
FINDS **MID006520696**

Site 4 of 4 in cluster A

Relative:
Higher

RCRA-SQG:

Date form received by agency: 04/28/2011
Facility name: MERCURY MANUFACTURING COMPANY
Facility address: 1212 GROVE ST
WYANDOTTE, MI 48192

Actual:
579 ft.

EPA ID: MID006520696
Contact: JERRY METCALF
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: (734) 285-5150
Telephone ext.: 629
Contact email: Not reported
EPA Region: 05
Land type: Private
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: MERCURY MANUFACTURING COMPANY
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/02/1970
Owner/Op end date: Not reported

Owner/operator name: MAY FRED C TRUST
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCURY MANUFACTURING CO. (Continued)

1000182191

Owner/Operator Type: Operator
Owner/Op start date: 01/02/1970
Owner/Op end date: Not reported

Owner/operator name: MAY FRED C TRUST
Owner/operator address: Not reported
Not reported

Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/02/1970
Owner/Op end date: Not reported

Owner/operator name: MERCURY MANUFACTURING COMPANY
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/02/1970
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 04/19/2010
Facility name: MERCURY MANUFACTURING COMPANY
Classification: Small Quantity Generator

Date form received by agency: 04/21/2009
Facility name: MERCURY MANUFACTURING COMPANY
Classification: Small Quantity Generator

Date form received by agency: 04/28/2004
Facility name: MERCURY MANUFACTURING COMPANY
Classification: Small Quantity Generator

Date form received by agency: 04/28/2003
Facility name: MERCURY MANUFACTURING COMPANY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCURY MANUFACTURING CO. (Continued)

1000182191

Classification: Small Quantity Generator

Date form received by agency: 08/21/2002

Facility name: MERCURY MANUFACTURING COMPANY

Classification: Small Quantity Generator

Date form received by agency: 03/01/2002

Facility name: MERCURY MANUFACTURING COMPANY

Classification: Small Quantity Generator

Date form received by agency: 02/11/2002

Facility name: MERCURY MANUFACTURING COMPANY

Classification: Small Quantity Generator

Date form received by agency: 06/20/1994

Facility name: MERCURY MANUFACTURING COMPANY

Classification: Large Quantity Generator

Date form received by agency: 06/27/1980

Facility name: MERCURY MANUFACTURING COMPANY

Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001

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

Facility Has Received Notices of Violations:

Regulation violated: Not reported

Area of violation: State Statute or Regulation

Date violation determined: 09/28/2004

Date achieved compliance: 08/04/2005

Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 03/04/2005

Enf. disposition status: Not reported

Enf. disp. status date: Not reported

Enforcement lead agency: State

Proposed penalty amount: Not reported

Final penalty amount: Not reported

Paid penalty amount: Not reported

Regulation violated: Not reported

Area of violation: Used Oil - Generators

Date violation determined: 09/28/2004

Date achieved compliance: 08/04/2005

Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 04/19/2005

Enf. disposition status: Not reported

Enf. disp. status date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCURY MANUFACTURING CO. (Continued)

1000182191

Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 09/28/2004
Date achieved compliance: 08/04/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/04/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 09/28/2004
Date achieved compliance: 08/04/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/19/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 09/28/2004
Date achieved compliance: 08/04/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/08/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 09/28/2004
Date achieved compliance: 08/04/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/08/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCURY MANUFACTURING CO. (Continued)

1000182191

Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 09/28/2004
Date achieved compliance: 08/04/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/08/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Used Oil - Generators
Date violation determined: 09/28/2004
Date achieved compliance: 08/04/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/08/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 09/28/2004
Date achieved compliance: 08/04/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/19/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Used Oil - Generators
Date violation determined: 09/28/2004
Date achieved compliance: 08/04/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/04/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCURY MANUFACTURING CO. (Continued)

1000182191

Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 09/28/2004
Date achieved compliance: 08/04/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/19/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 09/28/2004
Date achieved compliance: 08/04/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/04/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 02/14/1994
Date achieved compliance: 05/09/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/17/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 02/14/1994
Date achieved compliance: 05/09/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/17/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCURY MANUFACTURING CO. (Continued)

1000182191

Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 02/14/1994
Date achieved compliance: 05/09/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/17/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 09/28/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 08/04/2005
Evaluation lead agency: State

Evaluation date: 09/28/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: State Statute or Regulation
Date achieved compliance: 08/04/2005
Evaluation lead agency: State

Evaluation date: 09/28/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Used Oil - Generators
Date achieved compliance: 08/04/2005
Evaluation lead agency: State

Evaluation date: 09/28/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 08/04/2005
Evaluation lead agency: State

Evaluation date: 02/14/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 05/09/1995
Evaluation lead agency: State

Evaluation date: 02/14/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 05/09/1995
Evaluation lead agency: State

Evaluation date: 02/14/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 05/09/1995

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCURY MANUFACTURING CO. (Continued)

1000182191

Evaluation lead agency: State

FINDS:

Registry ID: 110002117673

Environmental Interest/Information System

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

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.

HAZARDOUS WASTE BIENNIAL REPORTER

5
East
< 1/8
0.026 mi.
135 ft.

CITY OF WYANDOTTE
1170 GROVE ST
WYANDOTTE, MI 48192

RCRA-SQG 1007879878
MIK185441961

Relative:
Higher

RCRA-SQG:

Date form received by agency: 02/20/2007

Facility name: CITY OF WYANDOTTE

Facility address: 1170 GROVE ST
WYANDOTTE, MI 48192

EPA ID: MIK185441961

Contact: DAVID ROTHERMAL

Contact address: 1170 GROVE ST
WYANDOTTE, MI 48192

Contact country: US

Contact telephone: (734) 324-4587

Contact email: Not reported

EPA Region: 05

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: CITY OF WYANDOTTE

Owner/operator address: Not reported
Not reported

Owner/operator country: Not reported

Owner/operator telephone: Not reported

Legal status: Municipal

Owner/Operator Type: Operator

Owner/Op start date: 07/19/2004

Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY OF WYANDOTTE (Continued)

1007879878

Owner/operator name: CITY OF WYANDOTTE
Owner/operator address: Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: 07/19/2004
Owner/Op end date: Not reported

Handler Activities Summary:

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

Universal Waste Summary:

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

Historical Generators:

Date form received by agency: 07/19/2004
Facility name: CITY OF WYANDOTTE
Classification: Small Quantity Generator

Hazardous Waste Summary:

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

Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B6
NNW
< 1/8
0.103 mi.
542 ft.

CREST INDUSTRIES INC
3855 13TH ST
WYANDOTTE, MI 48192
Site 1 of 2 in cluster B

UST **U003323641**
N/A

Relative:
Higher

UST:

Actual:
579 ft.

Facility ID: 00016588
Facility Type: CLOSED
Latitude: 42.19343
Longitude: -83.16848
Owner Name: CREST INDUSTRIES INC
Owner Address: 3841 13TH ST
Owner City,St,Zip: WYANDOTTE, MI 48192-6407
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (734) 479-4141
Contact: JOHN G BOBAK
Contact Phone: (734) 283-4100
Date of Collection: 01/11/2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number

Tank ID: 1
Tank Status: Removed from Ground
Capacity: 10000
Install Date: 12/12/1980
Product: ACRY-SOLV,Hazardous Substance,BS-A
Remove Date: 09/24/1998
Tank Release Detection: Inventory Control,Tank Tightness Testing
Pipe Release Detection: Automatic Line Leak Detectors,Line Tightness Testing
Piping Material: Galvanized Steel
Piping Type: Pressure
Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 2
Tank Status: Removed from Ground
Capacity: 8000
Install Date: 10/12/1998
Product: ACRY-SOLV,Hazardous Substance,BS-A
Remove Date: 05/22/2001
Tank Release Detection: Automatic Tank Gauging,Inter Monitoring Double Walled Tank,Inventory Control
Pipe Release Detection: Automatic Line Leak Detectors,Interstitial Monitoring Double Walled Piping
Piping Material: DPW PISCES,Fiberglass reinforced plastic
Piping Type: Pressure
Construction Material: Composite(Steel w/Fiberglass),Double Walled
Impressed Device: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

B7
NNW
< 1/8
0.110 mi.
582 ft.

CREST INDUSTRIES INC
3841-3855 13TH STREET
WYANDOTTE, MI 48192

RCRA-NonGen **1007102598**
MIR000103218

Site 2 of 2 in cluster B

Relative:
Higher

RCRA-NonGen:

Date form received by agency: 05/01/2002

Facility name: CREST INDUSTRIES INC

Facility address: 3841-3855 13TH STREET

WYANDOTTE, MI 48192

EPA ID: MIR000103218

Mailing address: 3841 13TH ST

WYANDOTTE, MI 48192

Contact: WILLIAM OLASZ

Contact address: 3841-3855 13TH STREET

WYANDOTTE, MI 48192

Contact country: US

Contact telephone: (734) 283-4100

Contact email: Not reported

EPA Region: 05

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE

Owner/operator address: Not reported

Not reported

Owner/operator country: Not reported

Owner/operator telephone: Not reported

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: 05/02/2002

Owner/Op end date: Not reported

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE

Owner/operator address: Not reported

Not reported

Owner/operator country: Not reported

Owner/operator telephone: Not reported

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: 05/02/2002

Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

Mixed waste (haz. and radioactive): No

Recycler of hazardous waste: No

Transporter of hazardous waste: No

Treater, storer or disposer of HW: No

Underground injection activity: No

On-site burner exemption: No

Furnace exemption: No

Used oil fuel burner: No

Used oil processor: No

User oil refiner: No

Used oil fuel marketer to burner: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CREST INDUSTRIES INC (Continued)

1007102598

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 12/31/2001
Facility name: CREST INDUSTRIES INC
Classification: Not a generator, verified

Date form received by agency: 03/27/2001
Facility name: CREST INDUSTRIES INC
Classification: Small Quantity Generator

Hazardous Waste Summary:

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

Violation Status: No violations found

8
NNW
1/8-1/4
0.125 mi.
661 ft.

MERCURY MANUFACTURING
3815 13TH ST
WYANDOTTE, MI 48192

RCRA-NonGen 1007099159
MIK631658598

Relative:
Higher

RCRA-NonGen:

Date form received by agency: 05/21/2001
Facility name: MERCURY MANUFACTURING
Facility address: 3815 13TH ST
WYANDOTTE, MI 48192
EPA ID: MIK631658598
Contact: PEG NOT OBTAINED
Contact address: 3815 13TH ST
WYANDOTTE, MI 48192
Contact country: US
Contact telephone: (734) 285-5120
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Actual:
579 ft.

Owner/Operator Summary:

Owner/operator name: MERCURY MANUFACTURING
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 05/21/2001
Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERCURY MANUFACTURING (Continued)

1007099159

Owner/operator name: MERCURY MANUFACTURING
Owner/operator address: Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 05/21/2001
Owner/Op end date: Not reported

Handler Activities Summary:

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

Hazardous Waste Summary:

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

Violation Status: No violations found

C9
NNE
1/8-1/4
0.133 mi.
703 ft.

JD & B ASSOCIATES LLC
3810 11TH ST
WYANDOTTE, MI 48192
Site 1 of 4 in cluster C

RCRA-NonGen **1001117573**
FINDS **MIR000016030**

Relative:
Higher

RCRA-NonGen:
Date form received by agency: 04/15/1999
Facility name: JD & B ASSOCIATES LLC
Facility address: 3810 11TH ST
WYANDOTTE, MI 48192
EPA ID: MIR000016030
Mailing address: 220170 MERIDIAN RD
GROSSE ILE, MI 48138
Contact: JEFF NOT OBTAINED
Contact address: 3810 11TH ST
WYANDOTTE, MI 48192
Contact country: US
Contact telephone: (313) 284-1440

Actual:
580 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JD & B ASSOCIATES LLC (Continued)

1001117573

Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: JD & B ASSOCIATES LLC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Owner/operator name: JD & B ASSOCIATES LLC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 06/21/1996
Facility name: JD & B ASSOCIATES LLC
Classification: Not a generator, verified

Hazardous Waste Summary:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JD & B ASSOCIATES LLC (Continued)

1001117573

MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110003696322

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.

C10
NNE
1/8-1/4
0.133 mi.
703 ft.
ARMADA OIL & GAS CO
3810 11TH ST
WYANDOTTE, MI 48192
Site 2 of 4 in cluster C

AST **A100206372**
N/A

Relative:
Higher

AST:

Actual:
580 ft.

Facility ID: 91082039
Facility Phone: (734) 281-4777
Type: CLOSED
Owner Name: ARMADA OIL & GAS CO
Owner Address: 3810 11TH ST
Owner City,St,Zip: WYANDOTTE, MI 48122
Owner County: USA
Owner Contact: Allie Berry
Owner Telephone: (313) 582-1777
District: SE Michigan District Office
Contact: ALLIE BERRY
Latitude: 42.1938420000
Longitude: -83.166728
Date of Collection: 01/11/2001
Accuracy: 100 FEET
Horizontal Datum: NAD83

Facility ID: 91082039
Facility Phone: (734) 281-4777
Type: CLOSED
Owner Name: ARMADA OIL & GAS CO
Owner Address: 3810 11TH ST
Owner City,St,Zip: WYANDOTTE, MI 48122
Owner County: USA
Owner Contact: Allie Berry
Owner Telephone: (313) 582-1777
District: SE Michigan District Office
Contact: ALLIE BERRY
Latitude: 42.1938420000
Longitude: -83.166728
Date of Collection: 01/11/2001
Accuracy: 100 FEET
Horizontal Datum: NAD83

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARMADA OIL & GAS CO (Continued)

A100206372

Facility ID: 91082039
Facility Phone: (734) 281-4777
Type: CLOSED
Owner Name: ARMADA OIL & GAS CO
Owner Address: 3810 11TH ST
Owner City,St,Zip: WYANDOTTE, MI 48122
Owner County: USA
Owner Contact: Allie Berry
Owner Telephone: (313) 582-1777
District: SE Michigan District Office
Contact: ALLIE BERRY
Latitude: 42.1938420000
Longitude: -83.166728
Date of Collection: 01/11/2001
Accuracy: 100 FEET
Horizontal Datum: NAD83

Facility ID: 91082039
Facility Phone: (734) 281-4777
Type: CLOSED
Owner Name: ARMADA OIL & GAS CO
Owner Address: 3810 11TH ST
Owner City,St,Zip: WYANDOTTE, MI 48122
Owner County: USA
Owner Contact: Allie Berry
Owner Telephone: (313) 582-1777
District: SE Michigan District Office
Contact: ALLIE BERRY
Latitude: 42.1938420000
Longitude: -83.166728
Date of Collection: 01/11/2001
Accuracy: 100 FEET
Horizontal Datum: NAD83

Facility ID: 91082039
Facility Phone: (734) 281-4777
Type: CLOSED
Owner Name: ARMADA OIL & GAS CO
Owner Address: 3810 11TH ST
Owner City,St,Zip: WYANDOTTE, MI 48122
Owner County: USA
Owner Contact: Allie Berry
Owner Telephone: (313) 582-1777
District: SE Michigan District Office
Contact: ALLIE BERRY
Latitude: 42.1938420000
Longitude: -83.166728
Date of Collection: 01/11/2001
Accuracy: 100 FEET
Horizontal Datum: NAD83

Facility ID: 91082039
Facility Phone: (734) 281-4777
Type: CLOSED
Owner Name: ARMADA OIL & GAS CO
Owner Address: 3810 11TH ST
Owner City,St,Zip: WYANDOTTE, MI 48122

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARMADA OIL & GAS CO (Continued)

A100206372

Owner County: USA
Owner Contact: Allie Berry
Owner Telephone: (313) 582-1777
District: SE Michigan District Office
Contact: ALLIE BERRY
Latitude: 42.1938420000
Longitude: -83.166728
Date of Collection: 01/11/2001
Accuracy: 100 FEET
Horizontal Datum: NAD83

Facility ID: 91082039
Facility Phone: (734) 281-4777
Type: CLOSED
Owner Name: ARMADA OIL & GAS CO
Owner Address: 3810 11TH ST
Owner City,St,Zip: WYANDOTTE, MI 48122
Owner County: USA
Owner Contact: Allie Berry
Owner Telephone: (313) 582-1777
District: SE Michigan District Office
Contact: ALLIE BERRY
Latitude: 42.1938420000
Longitude: -83.166728
Date of Collection: 01/11/2001
Accuracy: 100 FEET
Horizontal Datum: NAD83

Facility ID: 91082039
Facility Phone: (734) 281-4777
Type: CLOSED
Owner Name: ARMADA OIL & GAS CO
Owner Address: 3810 11TH ST
Owner City,St,Zip: WYANDOTTE, MI 48122
Owner County: USA
Owner Contact: Allie Berry
Owner Telephone: (313) 582-1777
District: SE Michigan District Office
Contact: ALLIE BERRY
Latitude: 42.1938420000
Longitude: -83.166728
Date of Collection: 01/11/2001
Accuracy: 100 FEET
Horizontal Datum: NAD83

Facility ID: 91082039
Facility Phone: (734) 281-4777
Type: CLOSED
Owner Name: ARMADA OIL & GAS CO
Owner Address: 3810 11TH ST
Owner City,St,Zip: WYANDOTTE, MI 48122
Owner County: USA
Owner Contact: Allie Berry
Owner Telephone: (313) 582-1777
District: SE Michigan District Office
Contact: ALLIE BERRY
Latitude: 42.1938420000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARMADA OIL & GAS CO (Continued)

A100206372

Longitude: -83.166728
Date of Collection: 01/11/2001
Accuracy: 100 FEET
Horizontal Datum: NAD83

Facility ID: 91082039
Facility Phone: (734) 281-4777
Type: CLOSED
Owner Name: ARMADA OIL & GAS CO
Owner Address: 3810 11TH ST
Owner City,St,Zip: WYANDOTTE, MI 48122
Owner County: USA
Owner Contact: Allie Berry
Owner Telephone: (313) 582-1777
District: SE Michigan District Office
Contact: ALLIE BERRY
Latitude: 42.1938420000
Longitude: -83.166728
Date of Collection: 01/11/2001
Accuracy: 100 FEET
Horizontal Datum: NAD83

Facility ID: 91082039
Facility Phone: (734) 281-4777
Type: CLOSED
Owner Name: ARMADA OIL & GAS CO
Owner Address: 3810 11TH ST
Owner City,St,Zip: WYANDOTTE, MI 48122
Owner County: USA
Owner Contact: Allie Berry
Owner Telephone: (313) 582-1777
District: SE Michigan District Office
Contact: ALLIE BERRY
Latitude: 42.1938420000
Longitude: -83.166728
Date of Collection: 01/11/2001
Accuracy: 100 FEET
Horizontal Datum: NAD83

C11
NNE
1/8-1/4
0.133 mi.
703 ft.

J. D. & B. ASSOCIATES, LLC
3810 ELEVENTH STREET
WYANDOTTE, MI

Site 3 of 4 in cluster C

BEA S110142524
N/A

Relative:
Higher

BEA:
Secondary Address: Not reported
BEA Number: 97
District: Southeast MI
Date Received: 4/12/1996
Submitter Name: J.D. & B. ASSOCIATES, LLC
Petition Determination: No Request
Petition Disclosure: 0
Category: Same Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: temppm
Division Assigned: Environmental Response Division

Actual:
580 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C12
NNE
1/8-1/4
0.133 mi.
703 ft.

ROBERT A AMORI
3810 11TH ST
WYANDOTTE, MI 48192

Site 4 of 4 in cluster C

UST **U003326371**
N/A

Relative:
Higher

UST:

Actual:
580 ft.

Facility ID: 00038232
Facility Type: CLOSED
Latitude: 42.19384
Longitude: -83.16672
Owner Name: ROBERT A AMORI
Owner Address: 130 DRIFTWOOD CIR
Owner City,St,Zip: ATLANTIS, FL 33462-1116
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (407) 641-6714
Contact: ROBERT A AMORI
Contact Phone: (407) 641-6714
Date of Collection: 01/11/2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number

Tank ID: 1
Tank Status: Closed in Ground
Capacity: 2000
Install Date: 01/01/1965
Product: Gasoline
Remove Date: 01/01/1985
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Unknown
Piping Type: Not reported
Construction Material: Unknown
Impressed Device: No

Tank ID: 2
Tank Status: Closed in Ground
Capacity: 2000
Install Date: 01/01/1965
Product: UNK
Remove Date: 01/01/1985
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Unknown
Piping Type: Not reported
Construction Material: Unknown
Impressed Device: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

D13
SSW
1/8-1/4
0.134 mi.
705 ft.
CITY OF WYANDOTTE
4201 13TH STREET
WYANDOTTE, MI 48192
Site 1 of 3 in cluster D

UST **U004110892**
N/A

Relative:
Higher

UST:

Actual:
579 ft.

Facility ID: 00040498
Facility Type: ACTIVE
Latitude: 42.19064
Longitude: -83.16778
Owner Name: CITY OF WYANDOTTE
Owner Address: 3131 BIDDLE ST
Owner City,St,Zip: WYANDOTTE, MI 48192-5915
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (734) 324-4554
Contact: Mark A Kowalewski
Contact Phone: 734-324-4554
Date of Collection: 02/15/2008
Accuracy: 15
Accuracy Value Unit: METERS
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off

Tank ID: 1
Tank Status: Currently In Use
Capacity: 25000
Install Date: 07/27/2001
Product: Gasoline,Diesel
Remove Date: Not reported
Tank Release Detection: Inter Monitoring Double Walled Tank,Inventory Control
Pipe Release Detection: Automatic Line Leak Detectors,Interstitial Monitoring Double Walled Piping
Piping Material: Double Walled,OPW PISCES PLASTIC
Piping Type: Pressure
Construction Material: Double Walled,Fiberglass Reinforced plastic,3 Compartment 8/85/8.5
Impressed Device: No

D14
SSW
1/8-1/4
0.134 mi.
705 ft.
CITY OF WYANDOTTE
4201 13TH ST
WYANDOTTE, MI 48192
Site 2 of 3 in cluster D

RCRA-CESQG **1007096589**
MIK224657858

Relative:
Higher

RCRA-CESQG:

Actual:
579 ft.

Date form received by agency: 07/28/2006
Facility name: CITY OF WYANDOTTE
Facility address: 4201 13TH ST
WYANDOTTE, MI 48192
EPA ID: MIK224657858
Contact: GARY ELLISON
Contact address: 4201 13TH ST
WYANDOTTE, MI 48192
Contact country: US
Contact telephone: (734) 324-4583
Contact email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY OF WYANDOTTE (Continued)

1007096589

EPA Region: 05
Land type: Municipal
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: CITY OF WYANDOTTE
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: 06/01/2001
Owner/Op end date: Not reported

Owner/operator name: CITY OF WYANDOTTE
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: 06/01/2001
Owner/Op end date: Not reported

Handler Activities Summary:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY OF WYANDOTTE (Continued)

1007096589

Historical Generators:

Date form received by agency: 06/09/2004
Facility name: CITY OF WYANDOTTE
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/11/2002
Facility name: CITY OF WYANDOTTE
Classification: Not a generator, verified

Hazardous Waste Summary:

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

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 10/25/2004
Date achieved compliance: 12/17/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/25/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 10/25/2004
Date achieved compliance: 12/17/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/19/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Listing - General
Date violation determined: 01/22/2004
Date achieved compliance: 06/07/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/10/2004
Enf. disposition status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY OF WYANDOTTE (Continued)

1007096589

Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 01/22/2004
Date achieved compliance: 04/29/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/10/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Listing - General
Date violation determined: 01/22/2004
Date achieved compliance: 06/07/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/27/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 01/22/2004
Date achieved compliance: 04/29/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/27/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Used Oil - Generators
Date violation determined: 01/22/2004
Date achieved compliance: 03/10/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/27/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY OF WYANDOTTE (Continued)

1007096589

Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Listing - General
Date violation determined: 01/22/2004
Date achieved compliance: 06/07/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/29/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 10/25/2004
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: State Statute or Regulation
Date achieved compliance: 12/17/2004
Evaluation lead agency: State

Evaluation date: 01/22/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Listing - General
Date achieved compliance: 06/07/2004
Evaluation lead agency: State

Evaluation date: 01/22/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Used Oil - Generators
Date achieved compliance: 03/10/2004
Evaluation lead agency: State

Evaluation date: 01/22/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: State Statute or Regulation
Date achieved compliance: 04/29/2004
Evaluation lead agency: State

D15
SSW
1/8-1/4
0.140 mi.
741 ft.

BASF CORP
4112 13TH ST
WYANDOTTE, MI 48192

Site 3 of 3 in cluster D

RCRA-NonGen **1000226800**
FINDS **MID985575588**

Relative:
Higher

RCRA-NonGen:
Date form received by agency: 09/17/1998
Facility name: BASF CORP
Facility address: 4112 13TH ST
WYANDOTTE, MI 48192
EPA ID: MID985575588
Contact: DAVID SHEAVES
Contact address: 4112 13TH ST

Actual:
579 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BASF CORP (Continued)

1000226800

WYANDOTTE, MI 48192

Contact country: US
Contact telephone: (734) 324-6838
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

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

Owner/operator name: BASF CORP
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 03/23/2001
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 01/24/1990
Facility name: BASF CORP
Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSLEY-MARTENS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BASF CORP (Continued)

1000226800

CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110003637672

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.

16
West
1/8-1/4
0.144 mi.
760 ft.

SCHOOL DIST/CITY OF WYANDOTTE
1501 GROVE ST
WYANDOTTE, MI 48192

UST **U003322601**
N/A

Relative:
Higher

UST:

Actual:
580 ft.

Facility ID: 00012941
Facility Type: CLOSED
Latitude: 42.19220
Longitude: -83.17063
Owner Name: SCHOOL DIST/CITY OF WYANDOTTE
Owner Address: 639 OAK ST
Owner City,St,Zip: WYANDOTTE, MI 48192-5024
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (734) 246-1080
Contact: ED CAMPBELL
Contact Phone: (734) 246-1080
Date of Collection: 01/11/2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number

Tank ID: 1
Tank Status: **Removed from Ground**
Capacity: 10000
Install Date: 03/08/1955
Product: FUEL OIL
Remove Date: 06/01/1992
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Bare Steel,Galvanized Steel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SCHOOL DIST/CITY OF WYANDOTTE (Continued)

U003322601

Piping Type: Suction: No Valve At Tank
Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 2
Tank Status: Removed from Ground
Capacity: 10000
Install Date: 03/08/1955
Product: FUEL OIL
Remove Date: 06/01/1992
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Bare Steel, Galvanized Steel
Piping Type: Suction: No Valve At Tank
Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

E17
SSW
1/8-1/4
0.166 mi.
876 ft.

PRODUCTION FINISHING
4261 13TH ST.
WYANDOTTE, MI 48195

SHWS **S105144837**
BEA **N/A**

Site 1 of 2 in cluster E

Relative:
Higher

SHWS:

Facility ID: 82001500
Facility Status: Inactive - no actions taken to address contamination
Source: Misc Manufacturing Industries
SAM Score: 16
SAM Score Date: 04/20/2004
Township: 03S
Range: 11E
Section: 32
Quarter: SW
Quarter/Quarter: NE
Pollutants: Cd; Zn

Actual:
580 ft.

BEA:

Secondary Address: Not reported
BEA Number: 141
District: Southeast MI
Date Received: 7/22/1996
Submitter Name: HORIZON PROPERTIES, L.L.C.
Petition Determination: No Request
Petition Disclosure: 0
Category: Same Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: tempm
Division Assigned: Environmental Response Division

Secondary Address: Not reported
BEA Number: 3738
District: Southeast MI
Date Received: 12/10/2007 12:59:00 AM
Submitter Name: Ecorse Machinery Sales and Builders
Petition Determination: No Request
Petition Disclosure: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRODUCTION FINISHING (Continued)

S105144837

Category: Same Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: vensb
Division Assigned: Environmental Response Division

Secondary Address: Not reported
BEA Number: 3329
District: Southeast MI
Date Received: 10/16/2006 12:59:00 AM
Submitter Name: LaSalle Bank
Petition Determination: No Request
Petition Disclosure: 0
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: vensb
Division Assigned: Environmental Response Division

E18
SSW
1/8-1/4
0.166 mi.
876 ft.

HORIZON TECHNOLOGY GROUP WYANDOTTE
4261 13TH STREET
WYANDOTTE, MI 48192
Site 2 of 2 in cluster E

CERC-NFRAP
RCRA-NonGen
FINDS

1000192985
MID005356282

Relative:
Higher

CERC-NFRAP:
Site ID: 0506553
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

Actual:
580 ft.

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID: 5353438.00000
Person ID: 5271208.00000

CERCLIS-NFRAP Site Alias Name(s):

Alias Name: PRODUCTION FINISHING CORP.
Alias Address: 4261 13TH STREET
WYANDOTTE, MI 48192

Program Priority:

Description: Great Lakes

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY
Date Started: Not reported
Date Completed: 09/09/1991
Priority Level: Not reported

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 03/25/1994
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 03/25/1994
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HORIZON TECHNOLOGY GROUP WYANDOTTE (Continued)

1000192985

RCRA-NonGen:

Date form received by agency: 11/17/2010
Facility name: ECORSE MACHINERY
Facility address: 4261 13TH ST
WYANDOTTE, MI 48192
EPA ID: MID005356282
Contact: JONATHON ALANDT
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: (313) 383-2100
Contact email: GANGELOTTI@ECORSE.COM
EPA Region: 05
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: ECORSE MACHINERY
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 11/17/2010
Owner/Op end date: Not reported

Owner/operator name: ECORSE MACHINERY
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 11/17/2010
Owner/Op end date: Not reported

Handler Activities Summary:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HORIZON TECHNOLOGY GROUP WYANDOTTE (Continued)

1000192985

Historical Generators:

Date form received by agency: 02/09/2010
Facility name: ECORSE MACHINERY
Site name: HORIZON TECHNOLOGY GROUP
Classification: Not a generator, verified

Date form received by agency: 03/25/2004
Facility name: ECORSE MACHINERY
Site name: HORIZON TECHNOLOGY GROUP
Classification: Small Quantity Generator

Date form received by agency: 04/09/2003
Facility name: ECORSE MACHINERY
Site name: HORIZON TECHNOLOGY GROUP
Classification: Small Quantity Generator

Date form received by agency: 08/29/1984
Facility name: ECORSE MACHINERY
Site name: HORIZON TECHNOLOGY GROUP
Classification: Small Quantity Generator

Hazardous Waste Summary:

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

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 04/24/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110000783732

Environmental Interest/Information System

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

F19
NNE
1/8-1/4
0.172 mi.
909 ft.

BARNES FAMILY GROUP WYANDOTTE LLC
3776 11TH ST
WYANDOTTE, MI 48192

RCRA-NonGen **1000296748**
MID005338504

Site 1 of 4 in cluster F

Relative:
Higher

RCRA-NonGen:

Date form received by agency: 06/01/2002

Facility name: BARNES FAMILY GROUP WYANDOTTE LLC

Facility address: 3776 11TH ST
WYANDOTTE, MI 48192

EPA ID: MID005338504

Mailing address: 1001 S WORTH ST
BIRMINGHAM, MI 48009

Contact: MARK NOWACKI

Contact address: 3776 11TH ST
WYANDOTTE, MI 48192

Contact country: US

Contact telephone: (248) 901-1945

Contact email: Not reported

EPA Region: 05

Land type: Other land type

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE

Owner/operator address: Not reported
Not reported

Owner/operator country: Not reported

Owner/operator telephone: Not reported

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: 06/02/2002

Owner/Op end date: Not reported

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE

Owner/operator address: Not reported
Not reported

Owner/operator country: Not reported

Owner/operator telephone: Not reported

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: 06/02/2002

Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

Mixed waste (haz. and radioactive): No

Recycler of hazardous waste: No

Transporter of hazardous waste: No

Treater, storer or disposer of HW: No

Underground injection activity: No

On-site burner exemption: No

Furnace exemption: No

Used oil fuel burner: No

Used oil processor: No

User oil refiner: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BARNES FAMILY GROUP WYANDOTTE LLC (Continued)

1000296748

Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 03/01/2002
Facility name: BARNES FAMILY GROUP WYANDOTTE LLC
Site name: NATIONAL CITY BANK OF MICH/IL
Classification: Not a generator, verified

Date form received by agency: 02/24/1998
Facility name: BARNES FAMILY GROUP WYANDOTTE LLC
Site name: KARMAZIN PRODUCTS CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 02/17/1996
Facility name: BARNES FAMILY GROUP WYANDOTTE LLC
Site name: KARMAZIN PRODUCTS CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 02/25/1994
Facility name: BARNES FAMILY GROUP WYANDOTTE LLC
Site name: KARMAZIN PRODUCTS CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 03/20/1992
Facility name: BARNES FAMILY GROUP WYANDOTTE LLC
Site name: KARMAZIN PRODUCTS CORP.
Classification: Large Quantity Generator

Date form received by agency: 02/28/1990
Facility name: BARNES FAMILY GROUP WYANDOTTE LLC
Site name: KARMAZIN PRODUCTS CORP
Classification: Large Quantity Generator

Date form received by agency: 08/11/1980
Facility name: BARNES FAMILY GROUP WYANDOTTE LLC
Classification: Large Quantity Generator

Hazardous Waste Summary:

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

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 12/02/1992
Date achieved compliance: 12/15/1993
Violation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BARNES FAMILY GROUP WYANDOTTE LLC (Continued)

1000296748

Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/02/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 12/02/1992
Date achieved compliance: 12/15/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/02/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 12/02/1992
Date achieved compliance: 12/15/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/02/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 03/08/1990
Date achieved compliance: 11/07/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/03/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 10/14/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 12/15/1993
Evaluation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BARNES FAMILY GROUP WYANDOTTE LLC (Continued)

1000296748

Evaluation date: 10/14/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 12/15/1993
Evaluation lead agency: State

Evaluation date: 10/14/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 12/15/1993
Evaluation lead agency: State

Evaluation date: 03/08/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 11/07/1990
Evaluation lead agency: State

Evaluation date: 08/16/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/16/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

F20
NNE
1/8-1/4
0.172 mi.
909 ft.

KARMAZIN PRODUCTS
3776 ELEVENTH STREET
WYANDOTTE, MI

Site 2 of 4 in cluster F

BEA S105254696
N/A

Relative:
Higher

BEA:

Actual:
580 ft.

Secondary Address: Not reported
BEA Number: 1598
District: Southeast MI
Date Received: 1/8/2002 12:59:00 AM
Submitter Name: National City Bank of MI/IL
Petition Determination: Affirmed
Petition Disclosure: 1
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: owensp
Division Assigned: Environmental Response Division

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

F21
NNE
1/8-1/4
0.172 mi.
909 ft.

KARMAZIN PRODUCTS CORPORATION
3776 11TH STREET
WYANDOTTE, MI

Site 3 of 4 in cluster F

SHWS
SWRCY
BEA

S110533569
N/A

Relative:
Higher

SHWS:

Facility ID: 82001776
Facility Status: Evaluation conducted
Source: Misc Manufacturing Industries
SAM Score: 30
SAM Score Date: 04/30/2004
Township: Not reported
Range: Not reported
Section: Not reported
Quarter: Not reported
Quarter/Quarter: Not reported
Pollutants: Not reported

Actual:
580 ft.

SWRCY:

Contact Name: FRANK MANGIAPANE, GENL MGR
Contact Phone1: (734) 324-4800 ext.
Contact Phone2: Not reported
Fax Number: 734/ 324-4990
Email: silverlining@wyandotte.org
Website: Not reported
Company Type: COLLECTOR, PROCESSOR
Sections: MISCELLANEOUS

BEA:

Secondary Address: Not reported
BEA Number: 2364
District: Southeast MI
Date Received: 4/27/2004 12:59:00 AM
Submitter Name: BARNES FAMILY GROUP WYANDOTTE, LLC
Petition Determination: Affirmed
Petition Disclosure: 1
Category: No Hazardous Substance(s)
Determination 20107A: Affirmed
Reviewer: vensb
Division Assigned: Environmental Response Division

F22
NNE
1/8-1/4
0.180 mi.
948 ft.

STEEL TOOL AND ENGINEERING CO
3767 11TH ST
WYANDOTTE, MI 48192

Site 4 of 4 in cluster F

RCRA-NonGen

1007880294
MIK577849672

Relative:
Higher

RCRA-NonGen:

Date form received by agency: 12/01/2008
Facility name: STEEL TOOL AND ENGINEERING CO
Facility address: 3767 11TH ST
WYANDOTTE, MI 48192
EPA ID: MIK577849672
Mailing address: 22152 PENNSYLVANIA RD
TAYLOR, MI 48180
Contact: JOHN SHORROCK
Contact address: 3767 11TH ST
WYANDOTTE, MI 48192

Actual:
581 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STEEL TOOL AND ENGINEERING CO (Continued)

1007880294

Contact country: US
Contact telephone: (734) 285-6262
Contact email: Not reported
EPA Region: 05
Land type: Other land type
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 12/02/2008
Owner/Op end date: Not reported

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 12/02/2008
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 04/23/2008
Facility name: STEEL TOOL AND ENGINEERING CO
Classification: Small Quantity Generator

Date form received by agency: 04/17/2007
Facility name: STEEL TOOL AND ENGINEERING CO
Classification: Small Quantity Generator

Date form received by agency: 05/15/2006

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STEEL TOOL AND ENGINEERING CO (Continued)

1007880294

Facility name: STEEL TOOL AND ENGINEERING CO
Classification: Small Quantity Generator

Date form received by agency: 06/10/2005

Facility name: STEEL TOOL AND ENGINEERING CO
Classification: Small Quantity Generator

Date form received by agency: 08/23/2004

Facility name: STEEL TOOL AND ENGINEERING CO
Classification: Small Quantity Generator

Date form received by agency: 01/01/1980

Facility name: STEEL TOOL AND ENGINEERING CO
Classification: Not a generator, verified

Hazardous Waste Summary:

Waste code: D001

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

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 09/24/2008

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Not reported

Date achieved compliance: Not reported

Evaluation lead agency: State

23
NNE
1/8-1/4
0.184 mi.
973 ft.

CADON PLATING COMPANY
1060 ARCH STREET
WYANDOTTE, MI

BEA S104910654
N/A

Relative:
Higher

BEA:

Secondary Address: Not reported
BEA Number: 243
District: Southeast MI
Date Received: 1/2/1997
Submitter Name: CITY OF WYANDOTTE
Petition Determination: No Request
Petition Disclosure: 0
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: tempm
Division Assigned: Environmental Response Division

Actual:
581 ft.

Secondary Address: Not reported
BEA Number: 573
District: Southeast MI
Date Received: 3/27/1998
Submitter Name: CADON PLATING COMPANY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CADON PLATING COMPANY (Continued)

S104910654

Petition Determination: Denied
Petition Disclosure: 1
Category: Same Hazardous Substance(s)
Determination 20107A: Denied
Reviewer: hoins
Division Assigned: Environmental Response Division

24
NNE
1/8-1/4
0.221 mi.
1168 ft.

CADON PLATING CO
3715 11TH STREET
WYANDOTTE, MI 48192

RCRA-LQG **1000337415**
TRIS **48192CDNPL37**
FTTS
HIST FTTS
FINDS
BEA

Relative:
Higher

RCRA-LQG:

Actual:
581 ft.

Date form received by agency: 04/12/2011
Facility name: CADON PLATING AND COATINGS LLC
Facility address: 3715 11TH ST
WYANDOTTE, MI 48192
EPA ID: MID005339460
Contact: ROBERT RAGER
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: (734) 282-8100
Telephone ext.: 23
Contact email: BRAGER@CADONPLATING.COM
EPA Region: 05
Land type: Private
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: GEORGE STRUMBOS
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Owner/operator name: CADON PLATING AND COATINGS ACQUISITION C
Owner/operator address: Not reported
Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CADON PLATING CO (Continued)

1000337415

Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 10/18/2004
Owner/Op end date: Not reported

Owner/operator name: GEORGE STRUMBOS
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 08/18/1980
Owner/Op end date: Not reported

Owner/operator name: GEORGE STRUMBOS
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Owner/operator name: GEORGE STRUMBOS
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 08/18/1980
Owner/Op end date: Not reported

Owner/operator name: CADON PLATING AND COATINGS ACQUISITION C
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 10/18/2004
Owner/Op end date: Not reported

Handler Activities Summary:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CADON PLATING CO (Continued)

1000337415

Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Universal Waste Summary:

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

Historical Generators:

Date form received by agency: 02/26/2010
Facility name: CADON PLATING AND COATINGS LLC
Classification: Large Quantity Generator

Date form received by agency: 03/13/2009
Facility name: CADON PLATING AND COATINGS LLC
Classification: Large Quantity Generator

Date form received by agency: 03/01/2008
Facility name: CADON PLATING AND COATINGS LLC
Classification: Large Quantity Generator

Date form received by agency: 02/26/2008
Facility name: CADON PLATING AND COATINGS LLC
Classification: Large Quantity Generator

Date form received by agency: 03/01/2006
Facility name: CADON PLATING AND COATINGS LLC
Classification: Large Quantity Generator

Date form received by agency: 02/24/2006
Facility name: CADON PLATING AND COATINGS LLC
Classification: Large Quantity Generator

Date form received by agency: 02/01/2005
Facility name: CADON PLATING AND COATINGS LLC
Classification: Large Quantity Generator

Date form received by agency: 03/01/2004
Facility name: CADON PLATING AND COATINGS LLC
Site name: CADON PLATING CO
Classification: Large Quantity Generator

Date form received by agency: 02/27/2004
Facility name: CADON PLATING AND COATINGS LLC
Classification: Large Quantity Generator

Date form received by agency: 03/01/2002
Facility name: CADON PLATING AND COATINGS LLC
Site name: CADON PLATING CO
Classification: Large Quantity Generator

Date form received by agency: 02/14/2002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CADON PLATING CO (Continued)

1000337415

Facility name: CADON PLATING AND COATINGS LLC
Classification: Large Quantity Generator

Date form received by agency: 02/28/2000

Facility name: CADON PLATING AND COATINGS LLC
Site name: CADON PLATING CO
Classification: Large Quantity Generator

Date form received by agency: 02/18/1998

Facility name: CADON PLATING AND COATINGS LLC
Site name: CADON PLATING COMPANY
Classification: Large Quantity Generator

Date form received by agency: 02/14/1996

Facility name: CADON PLATING AND COATINGS LLC
Site name: CADON PLATING COMPANY
Classification: Large Quantity Generator

Date form received by agency: 02/25/1994

Facility name: CADON PLATING AND COATINGS LLC
Site name: CADON PLATING COMPANY
Classification: Large Quantity Generator

Date form received by agency: 02/27/1992

Facility name: CADON PLATING AND COATINGS LLC
Site name: CADON PLATING CO
Classification: Large Quantity Generator

Date form received by agency: 03/01/1990

Facility name: CADON PLATING AND COATINGS LLC
Site name: CADON PLATING CO
Classification: Large Quantity Generator

Date form received by agency: 08/18/1980

Facility name: CADON PLATING AND COATINGS LLC
Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: D001

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

Biennial Reports:

Last Biennial Reporting Year: 2011

Annual Waste Handled:

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSLEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET,

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MAP FINDINGS

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Database(s)

EDR ID Number
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CADON PLATING CO (Continued)

1000337415

WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Amount (Lbs): 4565.2

Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 2739.1

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

Amount (Lbs): 4565.2

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

Amount (Lbs): 4565.2

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 08/21/2007
Date achieved compliance: 11/28/2007
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/28/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 08/21/2007
Date achieved compliance: 06/24/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/28/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CADON PLATING CO (Continued)

1000337415

Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 08/21/2007
Date achieved compliance: 11/28/2007
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/28/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 08/21/2007
Date achieved compliance: 11/28/2007
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/28/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 08/21/2007
Date achieved compliance: 09/12/2007
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/28/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 08/21/2007
Date achieved compliance: 06/24/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/28/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CADON PLATING CO (Continued)

1000337415

Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 08/26/2004
Date achieved compliance: 10/18/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/16/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 08/26/2004
Date achieved compliance: 02/09/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/22/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 08/26/2004
Date achieved compliance: 10/18/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/30/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 08/26/2004
Date achieved compliance: 10/18/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/09/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

CADON PLATING CO (Continued)

1000337415

Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 08/26/2004
Date achieved compliance: 10/18/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/22/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 08/26/2004
Date achieved compliance: 02/09/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/14/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 08/26/2004
Date achieved compliance: 11/22/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/14/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Used Oil - Generators
Date violation determined: 08/26/2004
Date achieved compliance: 11/22/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/14/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CADON PLATING CO (Continued)

1000337415

Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 08/26/2004
Date achieved compliance: 03/31/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/14/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 08/26/2004
Date achieved compliance: 10/18/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/14/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 08/26/2004
Date achieved compliance: 03/31/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/09/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 08/26/2004
Date achieved compliance: 10/18/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/31/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CADON PLATING CO (Continued)

1000337415

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 08/26/2004
Date achieved compliance: 02/09/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/22/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 08/26/2004
Date achieved compliance: 02/09/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/14/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 08/26/2004
Date achieved compliance: 03/31/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/22/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 05/02/1989
Date achieved compliance: 03/19/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/05/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CADON PLATING CO (Continued)

1000337415

Area of violation: Generators - General
Date violation determined: 05/02/1989
Date achieved compliance: 03/19/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/15/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 03/21/1986
Date achieved compliance: 08/19/1986
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/25/1986
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 03/21/1986
Date achieved compliance: 08/19/1986
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/24/1986
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 03/21/1986
Date achieved compliance: 08/19/1986
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/30/1986
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 08/21/2007

Map ID
Direction
Distance
Elevation

MAP FINDINGS

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EDR ID Number
EPA ID Number

CADON PLATING CO (Continued)

1000337415

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 11/28/2007
Evaluation lead agency: State

Evaluation date: 08/21/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 06/24/2008
Evaluation lead agency: State

Evaluation date: 08/21/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: State Statute or Regulation
Date achieved compliance: 09/12/2007
Evaluation lead agency: State

Evaluation date: 08/21/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 11/28/2007
Evaluation lead agency: State

Evaluation date: 08/21/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 11/28/2007
Evaluation lead agency: State

Evaluation date: 08/26/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 02/09/2005
Evaluation lead agency: State

Evaluation date: 08/26/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/09/2005
Evaluation lead agency: State

Evaluation date: 08/26/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 03/31/2005
Evaluation lead agency: State

Evaluation date: 08/26/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Used Oil - Generators
Date achieved compliance: 11/22/2004
Evaluation lead agency: State

Evaluation date: 08/26/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 10/18/2005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CADON PLATING CO (Continued)

1000337415

Evaluation lead agency: State

Evaluation date: 08/26/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: State Statute or Regulation
Date achieved compliance: 11/22/2004
Evaluation lead agency: State

Evaluation date: 04/29/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/24/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/19/1990
Evaluation lead agency: State

Evaluation date: 03/08/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/02/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/19/1990
Evaluation lead agency: State

Evaluation date: 05/02/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/19/1990
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/21/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/19/1986
Evaluation lead agency: State

TRIS:

[Click this hyperlink](#) while viewing on your computer to access
5 additional US_TRIS: record(s) in the EDR Site Report.

FTTS INSP:

Inspection Number: 19980924FEP11 1
Region: 05
Inspection Date: 09/24/98
Inspector: RIOUX
Violation occurred: Yes
Investigation Type: EPCRA, Enforcement, SEE Conducted
Investigation Reason: Neutral Scheme, Region
Legislation Code: EPCRA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CADON PLATING CO (Continued)

1000337415

Facility Function: Manufacturer

HIST FTTS INSP:

Inspection Number: 19980924FEP11 1
Region: 05
Inspection Date: Not reported
Inspector: RIOUX
Violation occurred: Yes
Investigation Type: EPCRA, Enforcement, SEE Conducted
Investigation Reason: Neutral Scheme, Region
Legislation Code: EPCRA
Facility Function: Manufacturer

FINDS:

Registry ID: 110000494028

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). AFS 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.

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

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.

HAZARDOUS WASTE BIENNIAL REPORTER

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CADON PLATING CO (Continued)

1000337415

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

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 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.

PCS (Permit Compliance System) 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.

BEA:

Secondary Address: Not reported
BEA Number: 2595
District: Southeast MI
Date Received: 11/22/2004 12:59:00 AM
Submitter Name: Cadon Acquisition, LLC
Petition Determination: No Request
Petition Disclosure: 0
Category: Same Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: vensb
Division Assigned: Environmental Response Division

**25
SSW
1/8-1/4
0.245 mi.
1293 ft.**

**CENTRAL COAST PROPERTIES, LLC
4216 13TH STREET
WYANDOTTE, MI 48192**

**BEA S108986766
N/A**

**Relative:
Higher**

BEA:

Secondary Address: Not reported
BEA Number: 3739
District: Southeast MI
Date Received: 12/10/2007 12:59:00 AM
Submitter Name: Central Coast Properties, LLC
Petition Determination: No Request
Petition Disclosure: 0
Category: Same Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: vensb
Division Assigned: Environmental Response Division

**Actual:
580 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

26
South
1/4-1/2
0.323 mi.
1703 ft.

COMMERCIAL PROPERTY
4410 13TH STREET
WYANDOTTE, MI 48192

BEA S107466598
N/A

Relative:
Higher

BEA:
Secondary Address: Not reported
BEA Number: 2972
District: Southeast MI
Date Received: 11/30/2005 12:59:00 AM
Submitter Name: B & B Lang, LLC
Petition Determination: Affirmed
Petition Disclosure: 1
Category: Different Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: vensb
Division Assigned: Environmental Response Division

Actual:
581 ft.

27
NE
1/4-1/2
0.340 mi.
1794 ft.

STANDARD OIL TERMINAL (FORMER)
925 PLUM STREET
WYANDOTTE, MI

BEA S104909985
N/A

Relative:
Higher

BEA:
Secondary Address: Not reported
BEA Number: 98
District: Southeast MI
Date Received: 4/19/1996
Submitter Name: CITY OF WYANDOTTE
Petition Determination: Affirmed
Petition Disclosure: 1
Category: No Hazardous Substance(s)
Determination 20107A: Pending
Reviewer: tempm
Division Assigned: Environmental Response Division

Actual:
579 ft.

G28
East
1/4-1/2
0.356 mi.
1879 ft.

GROVE AVENUE AND EIGHTH STREET PROPERTY
GROVE AVENUE AND EIGHTH STREET
WYANDOTTE CITY, MI 48192

BEA S109416694
N/A

Site 1 of 3 in cluster G

Relative:
Higher

BEA:
Secondary Address: Not reported
BEA Number: 1292
District: Southeast MI
Date Received: 2/15/2001 12:59:00 AM
Submitter Name: CITY OF WYANDOTTE
Petition Determination: Affirmed
Petition Disclosure: 1
Category: Same Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: hoins
Division Assigned: Environmental Response Division

Actual:
579 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

G29
East
1/4-1/2
0.356 mi.
1879 ft.

CENTRAL AVENUE FACILITY
GROVE & EIGHTH STREET
WYANDOTTE, MI

BEA **S104912412**
N/A

Site 2 of 3 in cluster G

Relative:
Higher

BEA:

Secondary Address: PARCEL II, 10.029 ACRES
BEA Number: 1047
District: Southeast MI
Date Received: 12/13/1999
Submitter Name: CITY OF WYANDOTTE
Petition Determination: No Request
Petition Disclosure: 0
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: temppm
Division Assigned: Environmental Response Division

Actual:
579 ft.

G30
East
1/4-1/2
0.356 mi.
1879 ft.

MIRANT WYANDOTTE, LLC
GROVE AVENUE AND EIGHTH STREET
WYANDOTTE, MI

BEA **S104912622**
N/A

Site 3 of 3 in cluster G

Relative:
Higher

BEA:

Secondary Address: Not reported
BEA Number: 1284
District: Southeast MI
Date Received: 2/2/2001 12:59:00 AM
Submitter Name: Mirant Wyandotte, LLC
Petition Determination: Affirmed
Petition Disclosure: 1
Category: Same Hazardous Substance(s)
Determination 20107A: Denied
Reviewer: hoins
Division Assigned: Environmental Response Division

Actual:
579 ft.

H31
South
1/4-1/2
0.400 mi.
2113 ft.

4624 13TH ST.
WYANDOTTE, MI 48192

AIRS **S108084499**
BEA **N/A**

Site 1 of 2 in cluster H

Relative:
Higher

AIRS:

El Year: 1991
State Registration Number: M4413
Naics Code: Not reported
Contact Name: Not reported
Contact Phone: Not reported
Contact Address: Not reported
Contact City,St,Zip: Not reported
Permit Number: Not reported
Date Received: Not reported
State Registration Number: M4413
Country: Not reported
Application Reason: Not reported
Record Type: Not reported

Actual:
581 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S108084499

State County FIPS:	Not reported	
Facility Category:	Not reported	
SIC Primary:	0	
Tribal Code:	Not reported	
Supplemental Location Text:	Not reported	
Dun & Brad Street Number:	Not reported	
Business Name:	EAGLE TRAILER, INC.	
Principal Product:	Not reported	
Principal Product Description:	Not reported	
UTM Zone (Geo Coordinates Universal Transverse Mercator System):	Not reported	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:	313	
EI Contact Phone Number:	0	
Permit Contact Person:	Not reported	
Permit Contact Person Area Code:	Not reported	
Permit Contact Person Phone Number:	Not reported	
Federal Employer Id Number:	0	
# Of Employees:	0	
Reporting Year:	89	
Date Record Was Created:	07/03/1989	

BEA:

Secondary Address:	Not reported
BEA Number:	3249
District:	Southeast MI
Date Received:	8/2/2006 12:59:00 AM
Submitter Name:	Trinity, Inc.
Petition Determination:	No Request
Petition Disclosure:	0
Category:	Same Hazardous Substance(s)
Determination 20107A:	No Request
Reviewer:	vensb
Division Assigned:	Environmental Response Division

Secondary Address:	Not reported
BEA Number:	3250
District:	Southeast MI
Date Received:	8/2/2006 12:59:00 AM
Submitter Name:	Rebetha J. Sheppard Trust
Petition Determination:	No Request
Petition Disclosure:	0
Category:	Same Hazardous Substance(s)
Determination 20107A:	No Request
Reviewer:	vensb
Division Assigned:	Environmental Response Division

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S108084499

Secondary Address: Not reported
BEA Number: 3251
District: Southeast MI
Date Received: 8/2/2006 12:59:00 AM
Submitter Name: Jerry Sheppard Jr. Trust
Petition Determination: No Request
Petition Disclosure: 0
Category: Same Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: vensb
Division Assigned: Environmental Response Division

Secondary Address: Not reported
BEA Number: 2957
District: Southeast MI
Date Received: 11/8/2005 12:59:00 AM
Submitter Name: Comerica Bank
Petition Determination: Affirmed
Petition Disclosure: 1
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: vensb
Division Assigned: Environmental Response Division

H32
South
1/4-1/2
0.419 mi.
2211 ft.

13 PENNSYLVANIA, LLC
4660 13TH STREET
WYANDOTTE, MI 48192
Site 2 of 2 in cluster H

BEA S109171351
N/A

Relative:
Higher

BEA:

Secondary Address: Not reported
BEA Number: 3967
District: Southeast MI
Date Received: 8/12/2008 12:59:00 AM
Submitter Name: 13 Pennsylvania, LLC
Petition Determination: No Request
Petition Disclosure: 0
Category: Same Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: vensb
Division Assigned: RRD

Actual:
581 ft.

33
SE
1/4-1/2
0.422 mi.
2229 ft.

WYANDOTTE SEWAGE TREATMENT PLANT
797 CENTRAL ST
WYANDOTTE, MI 48192

LUST 1004532882
UST N/A

Relative:
Lower

LUST:

Facility ID: 00021835
Source: STATE OF MICHIGAN
Owner Name: Wyandotte Sewage Treatment Plant
Owner Address: 797 Central St
Owner City,St,Zip: Wyandotte, MI 48192-7307
Owner Contact: Not reported

Actual:
578 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WYANDOTTE SEWAGE TREATMENT PLANT (Continued)

1004532882

Owner Phone: (734) 285-5500
Country: USA
District: SE Michigan District Office
Site Name: Wyandotte Waste Water Treatment
Latitude: 42.18758
Longitude: -83.16203
Date of Collection: 01/11/2001
Method of Collection: Address Matching-House Number
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

Leak Number: C-0087-95
Release Date: 01/19/1995
Substance Released: Other
Release Status: Closed
Release Closed Date: 06/02/1995

Leak Number: C-0578-91
Release Date: 04/02/1991
Substance Released: Not reported
Release Status: Closed
Release Closed Date: 06/02/1995

UST:

Facility ID: 00021835
Facility Type: CLOSED
Latitude: 42.18758
Longitude: -83.16203
Owner Name: WYANDOTTE SEWAGE TREATMENT PLANT
Owner Address: 797 CENTRAL ST
Owner City,St,Zip: WYANDOTTE, MI 48192-7307
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (734) 285-5500
Contact: MR RON REES
Contact Phone: (734) 285-5500
Date of Collection: 01/11/2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number

Tank ID: 1
Tank Status: Removed from Ground
Capacity: 12400
Install Date: 04/24/1939
Product: #2 FUEL OIL
Remove Date: 12/09/1994
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Bare Steel,Copper
Piping Type: Gravity Fed?

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WYANDOTTE SEWAGE TREATMENT PLANT (Continued)

1004532882

Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 2
Tank Status: Removed from Ground
Capacity: 15000
Install Date: 01/01/1962
Product: Hazardous Substance
Remove Date: 12/09/1994
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: RUBBER LINED ST
Piping Type: Suction: No Valve At Tank
Construction Material: Epoxy Coated Steel,Lined Interior
Impressed Device: No

34
SE
1/2-1
0.611 mi.
3225 ft.

PENNWALT CORP
4655 BIDDLE ST
WYANDOTTE, MI 48192

SHWS S105144788
AIRS N/A

Relative:
Lower

SHWS:
Facility ID: 82000043
Facility Status: Interim Response in progress
Source: Alkalies & Chlorine
SAM Score: 28
SAM Score Date: 03/05/2004
Township: 03S
Range: 11E
Section: 32
Quarter: SE
Quarter/Quarter: SW
Pollutants: PCBs

Actual:
576 ft.

AIRS:
El Year: 2012
State Registration Number: Not reported
Naics Code: Not reported
Contact Name: Not reported
Contact Phone: Not reported
Contact Address: Not reported
Contact City,St,Zip: Not reported
Permit Number: C-7469
Date Received: 04/29/1987
State Registration Number: Not reported
Country: Not reported
Application Reason: VACUUM PUMP
Record Type: Not reported
State County FIPS: Not reported
Facility Category: Not reported
SIC Primary: Not reported
Tribal Code: Not reported
Supplemental Location Text: Not reported
Dun & Brad Street Number: Not reported
Business Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PENNWALT CORP (Continued)

S105144788

Principal Product: Not reported
Principal Product Description: Not reported
UTM Zone (Geo Coordinates Universal Transverse Mercator System): Not reported
UTM Horizontal Coord: Not reported
UTM Vertical Coord: Not reported
Mailing Name: Not reported
Mailing Contact Person: Not reported
Mailing Street: Not reported
Mailing City: Not reported
Mailing State: Not reported
Mailing Zip: Not reported
Mailing Zip 4 Extension: Not reported
Compliance Person: Not reported
Compliance Area Code: Not reported
Compliance Phone Number: Not reported
Emission Inventory Contact Person: Not reported
EI Contact Area Code: Not reported
EI Contact Phone Number: Not reported
Permit Contact Person: Not reported
Permit Contact Person Area Code: Not reported
Permit Contact Person Phone Number: Not reported
Federal Employer Id Number: Not reported
Of Employees: Not reported
Reporting Year: Not reported
Date Record Was Created: Not reported

35
SSE
1/2-1
0.643 mi.
3393 ft.

ARKEMA INC
17168 JEFFERSON
RIVERVIEW, MI 48193

Relative:
Lower

Actual:
575 ft.

RCRA-TSDF 1000323437
CERC-NFRAP 48192PNNWL46
CORRACTS
RCRA-NonGen
TRIS
TSCA
FINDS
RAATS
LUST
UST
AST
MANIFEST
AUL
2020 CORRECTIVE ACTION

RCRA-TSDF:

Date form received by agency: 12/31/2008
Facility name: ARKEMA INC
Facility address: 17168 JEFFERSON
RIVERVIEW, MI 48193
EPA ID: MID005363114
Mailing address: ARKEMA INC
KING OF PRUSSIA, PA 19406
Contact: TOM RAY
Contact address: 17168 JEFFERSON
RIVERVIEW, MI 48193
Contact country: US
Contact telephone: (734) 246-2030
Contact email: Not reported
EPA Region: 05
Land type: Private
Classification: TSDF

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

Description: Handler is engaged in the treatment, storage or disposal of hazardous waste
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: ARKEMA INC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 10/01/2004
Owner/Op end date: Not reported

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 10/02/2004
Owner/Op end date: Not reported

Owner/operator name: ARKEMA INC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 10/01/2004
Owner/Op end date: Not reported

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 10/02/2004
Owner/Op end date: Not reported

Handler Activities Summary:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 03/01/2008
Facility name: ARKEMA INC
Classification: Large Quantity Generator

Date form received by agency: 02/26/2008
Facility name: ARKEMA INC
Classification: Large Quantity Generator

Date form received by agency: 03/23/2007
Facility name: ARKEMA INC
Classification: Large Quantity Generator

Date form received by agency: 03/01/2006
Facility name: ARKEMA INC
Classification: Large Quantity Generator

Date form received by agency: 02/27/2006
Facility name: ARKEMA INC
Classification: Large Quantity Generator

Date form received by agency: 11/08/2004
Facility name: ARKEMA INC
Classification: Large Quantity Generator

Date form received by agency: 03/01/2004
Facility name: ARKEMA INC
Classification: Large Quantity Generator

Date form received by agency: 02/25/2004
Facility name: ARKEMA INC
Classification: Large Quantity Generator

Date form received by agency: 04/23/2003
Facility name: ARKEMA INC
Classification: Large Quantity Generator

Date form received by agency: 11/06/2002
Facility name: ARKEMA INC
Classification: Large Quantity Generator

Date form received by agency: 03/01/2002
Facility name: ARKEMA INC
Site name: ATOFINA CHEMICALS INC
Classification: Large Quantity Generator

Date form received by agency: 02/28/2002
Facility name: ARKEMA INC
Classification: Large Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

Date form received by agency: 02/18/2000
Facility name: ARKEMA INC
Site name: ATOFINA CHEMICALS INC RIVERVIEW
Classification: Large Quantity Generator

Date form received by agency: 02/23/1998
Facility name: ARKEMA INC
Site name: ELF ATOCHEM NORTH AMERICA, INC.
Classification: Large Quantity Generator

Date form received by agency: 02/02/1996
Facility name: ARKEMA INC
Site name: ELF ATOCHEM NORTH AMERICA, INC.
Classification: Large Quantity Generator

Date form received by agency: 01/24/1994
Facility name: ARKEMA INC
Site name: ELF ATOCHEM NORTH AMERICA, RIVERVIEW PLT
Classification: Large Quantity Generator

Date form received by agency: 02/26/1992
Facility name: ARKEMA INC
Site name: ELF ATOCHEM NORTH AMERICA, INC.
Classification: Large Quantity Generator

Date form received by agency: 02/27/1990
Facility name: ARKEMA INC
Site name: ATOCHEM NORTH AMERICA
Classification: Large Quantity Generator

Date form received by agency: 11/11/1980
Facility name: ARKEMA INC
Classification: Not a generator, verified

Date form received by agency: 08/18/1980
Facility name: ARKEMA INC
Classification: Large Quantity Generator

Date form received by agency: 08/18/1980
Facility name: ARKEMA INC
Classification: Large Quantity Generator

Date form received by agency: 08/17/1980
Facility name: ARKEMA INC
Classification: Large Quantity Generator

Date form received by agency: 08/01/1980
Facility name: ARKEMA INC
Classification: Large Quantity Generator

Hazardous Waste Summary:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Corrective Action Summary:

Event date:	07/18/1988
Event:	RFA Completed, Assessment was a PA-Plus.
Event date:	07/18/1988
Event:	RFA Determination Of Need For An RFI, RFI is Necessary;
Event date:	09/21/1989
Event:	RFI Imposition, Focused data collection required for stabilization evaluation.
Event date:	11/15/1990
Event:	RFI Workplan Received
Event date:	12/19/1990
Event:	CA147
Event date:	09/27/1991
Event:	CA Prioritization, Facility or area was assigned a medium corrective action priority.
Event date:	05/19/1993
Event:	RFI Workplan Approved
Event date:	08/23/1993
Event:	Stabilization Measures Evaluation, This facility is not amenable to stabilization activity at the present time, because it appears to be technically infeasible or inappropriate.
Event date:	10/05/1993
Event:	Stabilization Measures Implemented, Primary measure is source removal and/or treatment (e.g., soil or waste excavation, in-situ soil treatment, off-site treatment).
Event date:	10/05/1993
Event:	Stabilization Measures Implemented
Event date:	03/31/1994
Event:	CA Prioritization, Facility or area was assigned a medium corrective action priority.
Event date:	07/10/1994
Event:	Stabilization Measures Implemented
Event date:	09/30/1997
Event:	RFI Report Received
Event date:	03/01/1999
Event:	Stabilization Construction Completed
Event date:	07/20/2001
Event:	CA005EE
Event date:	09/30/2004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

Event: Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

Event date: 06/22/2005
Event: Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.

Event date: Not reported
Event: CMI Workplan Approved

Event date: Not reported
Event: Date For Public Notice On Proposed Remedy

Event date: Not reported
Event: CMS Approved

Event date: Not reported
Event: CMS Workplan Approved

Event date: Not reported
Event: CMS Workplan Received

Event date: Not reported
Event: RFI Approved

Event date: Not reported
Event: CMS Workplan Received

Event date: Not reported
Event: CMS Workplan Approved

Event date: Not reported
Event: CMS Approved

Event date: Not reported
Event: Date For Public Notice On Proposed Remedy

Event date: Not reported
Event: Date For Remedy Selection (CM Imposed)

Event date: Not reported
Event: Corrective Measures Design Approved

Event date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

Event: CMI Workplan Approved

Event date: Not reported
Event: RFI Approved

Event date: Not reported
Event: CMI Workplan Approved

Event date: Not reported
Event: RFI Approved

Event date: Not reported
Event: RFI Approved

Event date: Not reported
Event: CMI Workplan Approved

Event date: Not reported
Event: Corrective Measures Design Approved

Event date: Not reported
Event: Date For Remedy Selection (CM Imposed)

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 03/25/2002
Date achieved compliance: 05/14/2002
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/08/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Permits - Conditions
Date violation determined: 12/18/2001
Date achieved compliance: 12/19/2001
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/18/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 11/21/2001
Date achieved compliance: 12/14/2001
Violation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/21/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 03/30/2001
Date achieved compliance: 06/01/2001
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/30/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 06/10/1999
Date achieved compliance: 06/10/1999
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/10/1999
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 01/27/1998
Date achieved compliance: 02/19/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/27/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 01/13/1993
Date achieved compliance: 01/24/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

Enforcement action date: 01/13/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 01/13/1993
Date achieved compliance: 01/24/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/13/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 01/13/1993
Date achieved compliance: 01/24/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/13/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 01/13/1993
Date achieved compliance: 01/24/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/13/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Financial Requirements
Date violation determined: 09/17/1992
Date achieved compliance: 08/02/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/17/1992

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Financial Requirements
Date violation determined: 07/23/1991
Date achieved compliance: 07/29/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/23/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 07/11/1991
Date achieved compliance: 08/15/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/15/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 07/11/1991
Date achieved compliance: 08/15/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/15/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Financial Requirements
Date violation determined: 03/15/1991
Date achieved compliance: 03/15/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/19/1990
Enf. disposition status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 08/28/1990
Date achieved compliance: 03/15/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/19/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 08/28/1990
Date achieved compliance: 03/15/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/19/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 08/28/1989
Date achieved compliance: 10/30/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/06/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 08/28/1989
Date achieved compliance: 10/30/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/06/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 02/08/1989
Date achieved compliance: 12/20/1989
Violation lead agency: EPA
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 04/28/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 9500
Final penalty amount: 9500
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 02/08/1989
Date achieved compliance: 12/20/1989
Violation lead agency: EPA
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 11/27/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 5000
Final penalty amount: 5000
Paid penalty amount: 5000

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 09/14/1988
Date achieved compliance: 10/28/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/20/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 09/14/1988
Date achieved compliance: 10/28/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/20/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 05/14/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/09/2009
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/29/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/18/2009
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/05/2007
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/11/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/25/2006
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/24/2006
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/03/2006
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

Evaluation lead agency: State

Evaluation date: 11/16/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/29/2005
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/16/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/30/2004
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/17/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/30/2003
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/18/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/20/2002
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/25/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 05/14/2002
Evaluation lead agency: State

Evaluation date: 12/18/2001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

Evaluation:	NON-FINANCIAL RECORD REVIEW
Area of violation:	Permits - Conditions
Date achieved compliance:	12/19/2001
Evaluation lead agency:	State
Evaluation date:	11/21/2001
Evaluation:	NON-FINANCIAL RECORD REVIEW
Area of violation:	Generators - Manifest
Date achieved compliance:	12/14/2001
Evaluation lead agency:	State
Evaluation date:	06/04/2001
Evaluation:	FINANCIAL RECORD REVIEW
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	03/23/2001
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - Pre-transport
Date achieved compliance:	06/01/2001
Evaluation lead agency:	State
Evaluation date:	08/23/1999
Evaluation:	FINANCIAL RECORD REVIEW
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	05/27/1999
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - Pre-transport
Date achieved compliance:	06/10/1999
Evaluation lead agency:	State
Evaluation date:	01/27/1999
Evaluation:	NON-FINANCIAL RECORD REVIEW
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	EPA
Evaluation date:	09/22/1998
Evaluation:	NON-FINANCIAL RECORD REVIEW
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	EPA
Evaluation date:	04/16/1998
Evaluation:	FINANCIAL RECORD REVIEW
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	01/16/1998
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - Pre-transport
Date achieved compliance:	02/19/1998

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

Evaluation lead agency: State

Evaluation date: 06/04/1997
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 03/14/1997
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/08/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 12/01/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/27/1994
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/22/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/22/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 01/24/1993
Evaluation lead agency: State

Evaluation date: 12/22/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 01/24/1993
Evaluation lead agency: State

Evaluation date: 12/22/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 01/24/1993
Evaluation lead agency: State

Evaluation date: 12/22/1992

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 01/24/1993
Evaluation lead agency: State

Evaluation date: 09/17/1992
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 08/02/1993
Evaluation lead agency: State

Evaluation date: 07/23/1991
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 07/29/1991
Evaluation lead agency: State

Evaluation date: 07/11/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Financial Requirements
Date achieved compliance: 07/29/1991
Evaluation lead agency: State

Evaluation date: 07/11/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 08/15/1991
Evaluation lead agency: State

Evaluation date: 07/11/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Closure/Post-Closure
Date achieved compliance: 08/15/1991
Evaluation lead agency: State

Evaluation date: 03/15/1991
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 03/15/1991
Evaluation lead agency: State

Evaluation date: 08/28/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 03/15/1991
Evaluation lead agency: State

Evaluation date: 08/28/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 03/15/1991
Evaluation lead agency: State

Evaluation date: 08/28/1989
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

Evaluation lead agency: State

Evaluation date: 08/28/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 10/30/1989
Evaluation lead agency: State

Evaluation date: 08/28/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 10/30/1989
Evaluation lead agency: State

Evaluation date: 02/08/1989
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: TSD - General
Date achieved compliance: 12/20/1989
Evaluation lead agency: EPA

Evaluation date: 10/06/1988
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/14/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 10/28/1988
Evaluation lead agency: State

Evaluation date: 09/14/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 10/28/1988
Evaluation lead agency: State

CERC-NFRAP:

Site ID: 0502285
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Site Alias Name(s):

Alias Name: WYANDOTTE PLT
Alias Address: Not reported
MI

Alias Name: PENNWALT CORP
Alias Address: Not reported
WAYNE, MI

Alias Name: PENNWALT CORP
Alias Address: 4655 BIDDLE AVE
WYANDOTTE, MI 48192

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

Program Priority:

Description: Great Lakes

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY

Date Started: Not reported

Date Completed: 04/01/1979

Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT

Date Started: Not reported

Date Completed: 05/01/1983

Priority Level: Low priority for further assessment

Action: ARCHIVE SITE

Date Started: Not reported

Date Completed: 10/01/1983

Priority Level: Not reported

Action: SITE INSPECTION

Date Started: Not reported

Date Completed: 10/01/1983

Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

Action: HAZARD RANKING SYSTEM PACKAGE

Date Started: Not reported

Date Completed: 11/01/1983

Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

CORRACTS:

EPA ID: MID005363114

EPA Region: 05

Area Name: EAST PLANT

Actual Date: 03/01/1999

Action: CA650 - Stabilization Construction Completed

NAICS Code(s): 325199 325188 32532

All Other Basic Organic Chemical Manufacturing

All Other Basic Inorganic Chemical Manufacturing

Pesticide and Other Agricultural Chemical Manufacturing

Original schedule date: Not reported

Schedule end date: Not reported

EPA ID: MID005363114

EPA Region: 05

Area Name: BRINE FIELD

Actual Date: 03/01/1999

Action: CA650 - Stabilization Construction Completed

NAICS Code(s): 325199 325188 32532

All Other Basic Organic Chemical Manufacturing

All Other Basic Inorganic Chemical Manufacturing

Pesticide and Other Agricultural Chemical Manufacturing

Original schedule date: Not reported

Schedule end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

EPA ID: MID005363114
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 03/31/1994
Action: CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority
NAICS Code(s): 325199 325188 32532

All Other Basic Organic Chemical Manufacturing
All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005363114
EPA Region: 05
Area Name: BRINE FIELD
Actual Date: 05/19/1993
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 325199 325188 32532

All Other Basic Organic Chemical Manufacturing
All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005363114
EPA Region: 05
Area Name: EAST PLANT
Actual Date: 05/19/1993
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 325199 325188 32532

All Other Basic Organic Chemical Manufacturing
All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005363114
EPA Region: 05
Area Name: WEST PLANT
Actual Date: 05/19/1993
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 325199 325188 32532

All Other Basic Organic Chemical Manufacturing
All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005363114
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 06/22/2005
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s): 325199 325188 32532

All Other Basic Organic Chemical Manufacturing

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005363114

EPA Region: 05

Area Name: BRINE FIELD

Actual Date: 07/10/1994

Action: CA600 - Stabilization Measures Implemented

NAICS Code(s): 325199 325188 32532

All Other Basic Organic Chemical Manufacturing
All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005363114

EPA Region: 05

Area Name: ENTIRE FACILITY

Actual Date: 07/18/1988

Action: CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary

NAICS Code(s): 325199 325188 32532

All Other Basic Organic Chemical Manufacturing
All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005363114

EPA Region: 05

Area Name: ENTIRE FACILITY

Actual Date: 07/18/1988

Action: CA050PA - RFA Completed, Assessment was a PA-Plus

NAICS Code(s): 325199 325188 32532

All Other Basic Organic Chemical Manufacturing
All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005363114

EPA Region: 05

Area Name: ENTIRE FACILITY

Actual Date: 07/20/2001

Action: CA005EE

NAICS Code(s): 325199 325188 32532

All Other Basic Organic Chemical Manufacturing
All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005363114

EPA Region: 05

Area Name: ENTIRE FACILITY

Actual Date: 08/23/1993

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

Action: CA225NF - Stabilization Measures Evaluation, This facility, is not amenable to stabilization activity at the, present time, because it appears to be technically infeasible or, inappropriate

NAICS Code(s): 325199 325188 32532
All Other Basic Organic Chemical Manufacturing
All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing

Original schedule date: 09/30/1993
Schedule end date: Not reported

EPA ID: MID005363114
EPA Region: 05
Area Name: BRINE FIELD
Actual Date: 09/21/1989
Action: CA100DC - RFI Imposition, Focused data collection required for stabilization evaluation

NAICS Code(s): 325199 325188 32532
All Other Basic Organic Chemical Manufacturing
All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing

Original schedule date: 09/21/1989
Schedule end date: Not reported

EPA ID: MID005363114
EPA Region: 05
Area Name: EAST PLANT
Actual Date: 09/21/1989
Action: CA100DC - RFI Imposition, Focused data collection required for stabilization evaluation

NAICS Code(s): 325199 325188 32532
All Other Basic Organic Chemical Manufacturing
All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing

Original schedule date: 09/21/1989
Schedule end date: Not reported

EPA ID: MID005363114
EPA Region: 05
Area Name: WEST PLANT
Actual Date: 09/21/1989
Action: CA100DC - RFI Imposition, Focused data collection required for stabilization evaluation

NAICS Code(s): 325199 325188 32532
All Other Basic Organic Chemical Manufacturing
All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing

Original schedule date: 09/21/1989
Schedule end date: Not reported

EPA ID: MID005363114
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 09/27/1991
Action: CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority

NAICS Code(s): 325199 325188 32532
All Other Basic Organic Chemical Manufacturing

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005363114
EPA Region: 05
Area Name: WEST PLANT
Actual Date: 09/30/1997
Action: CA190 - RFI Report Received
NAICS Code(s): 325199 325188 32532
All Other Basic Organic Chemical Manufacturing
All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005363114
EPA Region: 05
Area Name: BRINE FIELD
Actual Date: 09/30/1997
Action: CA190 - RFI Report Received
NAICS Code(s): 325199 325188 32532
All Other Basic Organic Chemical Manufacturing
All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005363114
EPA Region: 05
Area Name: EAST PLANT
Actual Date: 09/30/1997
Action: CA190 - RFI Report Received
NAICS Code(s): 325199 325188 32532
All Other Basic Organic Chemical Manufacturing
All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005363114
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 09/30/2004
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human
Exposures Under Control has been verified
NAICS Code(s): 325199 325188 32532
All Other Basic Organic Chemical Manufacturing
All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005363114
EPA Region: 05
Area Name: WEST PLANT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

Actual Date: 10/05/1993
Action: CA600SR - Stabilization Measures Implemented, Primary measure is source removal and/or treatment
NAICS Code(s): 325199 325188 32532
All Other Basic Organic Chemical Manufacturing
All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005363114
EPA Region: 05
Area Name: EAST PLANT
Actual Date: 10/05/1993
Action: CA600SR - Stabilization Measures Implemented, Primary measure is source removal and/or treatment
NAICS Code(s): 325199 325188 32532
All Other Basic Organic Chemical Manufacturing
All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005363114
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 10/05/1993
Action: CA600 - Stabilization Measures Implemented
NAICS Code(s): 325199 325188 32532
All Other Basic Organic Chemical Manufacturing
All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005363114
EPA Region: 05
Area Name: BRINE FIELD
Actual Date: 10/05/1993
Action: CA600SR - Stabilization Measures Implemented, Primary measure is source removal and/or treatment
NAICS Code(s): 325199 325188 32532
All Other Basic Organic Chemical Manufacturing
All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005363114
EPA Region: 05
Area Name: EAST PLANT
Actual Date: 11/15/1990
Action: CA110 - RFI Workplan Received
NAICS Code(s): 325199 325188 32532
All Other Basic Organic Chemical Manufacturing
All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

Original schedule date: 11/15/1990
Schedule end date: Not reported

EPA ID: MID005363114
EPA Region: 05
Area Name: BRINE FIELD
Actual Date: 11/15/1990
Action: CA110 - RFI Workplan Received
NAICS Code(s): 325199 325188 32532
All Other Basic Organic Chemical Manufacturing
All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing

Original schedule date: 11/15/1990
Schedule end date: Not reported

EPA ID: MID005363114
EPA Region: 05
Area Name: WEST PLANT
Actual Date: 11/15/1990
Action: CA110 - RFI Workplan Received
NAICS Code(s): 325199 325188 32532
All Other Basic Organic Chemical Manufacturing
All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing

Original schedule date: 11/15/1990
Schedule end date: Not reported

EPA ID: MID005363114
EPA Region: 05
Area Name: EAST PLANT
Actual Date: 12/19/1990
Action: CA147
NAICS Code(s): 325199 325188 32532
All Other Basic Organic Chemical Manufacturing
All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005363114
EPA Region: 05
Area Name: WEST PLANT
Actual Date: 12/19/1990
Action: CA147
NAICS Code(s): 325199 325188 32532
All Other Basic Organic Chemical Manufacturing
All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005363114
EPA Region: 05
Area Name: BRINE FIELD
Actual Date: 12/19/1990
Action: CA147
NAICS Code(s): 325199 325188 32532

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

All Other Basic Organic Chemical Manufacturing
All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005363114
EPA Region: 05
Area Name: EAST PLANT
Actual Date: Not reported
Action: CA350 - CMS Approved
NAICS Code(s): 325199 325188 32532
All Other Basic Organic Chemical Manufacturing
All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing
Original schedule date: 09/30/2000
Schedule end date: Not reported

EPA ID: MID005363114
EPA Region: 05
Area Name: EAST PLANT
Actual Date: Not reported
Action: CA300 - CMS Workplan Approved
NAICS Code(s): 325199 325188 32532
All Other Basic Organic Chemical Manufacturing
All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing
Original schedule date: 03/15/2000
Schedule end date: Not reported

EPA ID: MID005363114
EPA Region: 05
Area Name: EAST PLANT
Actual Date: Not reported
Action: CA260 - CMS Workplan Received
NAICS Code(s): 325199 325188 32532
All Other Basic Organic Chemical Manufacturing
All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing
Original schedule date: 11/30/1999
Schedule end date: Not reported

EPA ID: MID005363114
EPA Region: 05
Area Name: EAST PLANT
Actual Date: Not reported
Action: CA200 - RFI Approved
NAICS Code(s): 325199 325188 32532
All Other Basic Organic Chemical Manufacturing
All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing
Original schedule date: 09/30/1999
Schedule end date: Not reported

EPA ID: MID005363114
EPA Region: 05
Area Name: WEST PLANT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

Actual Date: Not reported
Action: CA500 - CMI Workplan Approved
NAICS Code(s): 325199 325188 32532
All Other Basic Organic Chemical Manufacturing
All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing
Original schedule date: 12/30/2001
Schedule end date: Not reported

EPA ID: MID005363114
EPA Region: 05
Area Name: BRINE FIELD
Actual Date: Not reported
Action: CA200 - RFI Approved
NAICS Code(s): 325199 325188 32532
All Other Basic Organic Chemical Manufacturing
All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing
Original schedule date: 09/30/1999
Schedule end date: Not reported

EPA ID: MID005363114
EPA Region: 05
Area Name: WEST PLANT
Actual Date: Not reported
Action: CA200 - RFI Approved
NAICS Code(s): 325199 325188 32532
All Other Basic Organic Chemical Manufacturing
All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing
Original schedule date: 09/30/1999
Schedule end date: Not reported

EPA ID: MID005363114
EPA Region: 05
Area Name: WEST PLANT
Actual Date: Not reported
Action: CA260 - CMS Workplan Received
NAICS Code(s): 325199 325188 32532
All Other Basic Organic Chemical Manufacturing
All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing
Original schedule date: 11/30/1999
Schedule end date: Not reported

EPA ID: MID005363114
EPA Region: 05
Area Name: WEST PLANT
Actual Date: Not reported
Action: CA300 - CMS Workplan Approved
NAICS Code(s): 325199 325188 32532
All Other Basic Organic Chemical Manufacturing
All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing
Original schedule date: 03/15/2000
Schedule end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

EPA ID: MID005363114
EPA Region: 05
Area Name: WEST PLANT
Actual Date: Not reported
Action: CA350 - CMS Approved
NAICS Code(s): 325199 325188 32532

All Other Basic Organic Chemical Manufacturing
All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing

Original schedule date: 09/30/2000

Schedule end date: Not reported

EPA ID: MID005363114
EPA Region: 05
Area Name: WEST PLANT
Actual Date: Not reported
Action: CA380 - Date For Public Notice On Proposed Remedy
NAICS Code(s): 325199 325188 32532

All Other Basic Organic Chemical Manufacturing
All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing

Original schedule date: 11/30/2000

Schedule end date: Not reported

EPA ID: MID005363114
EPA Region: 05
Area Name: WEST PLANT
Actual Date: Not reported
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 325199 325188 32532

All Other Basic Organic Chemical Manufacturing
All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing

Original schedule date: 01/30/2001

Schedule end date: Not reported

EPA ID: MID005363114
EPA Region: 05
Area Name: WEST PLANT
Actual Date: Not reported
Action: CA450 - Corrective Measures Design Approved
NAICS Code(s): 325199 325188 32532

All Other Basic Organic Chemical Manufacturing
All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing

Original schedule date: 05/30/2001

Schedule end date: Not reported

EPA ID: MID005363114
EPA Region: 05
Area Name: EAST PLANT
Actual Date: Not reported
Action: CA500 - CMI Workplan Approved
NAICS Code(s): 325199 325188 32532

All Other Basic Organic Chemical Manufacturing
All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

Original schedule date: 06/30/2000
Schedule end date: Not reported

EPA ID: MID005363114
EPA Region: 05
Area Name: EAST PLANT
Actual Date: Not reported
Action: CA380 - Date For Public Notice On Proposed Remedy
NAICS Code(s): 325199 325188 32532
All Other Basic Organic Chemical Manufacturing
All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing

Original schedule date: 11/30/2000
Schedule end date: Not reported

EPA ID: MID005363114
EPA Region: 05
Area Name: EAST PLANT
Actual Date: Not reported
Action: CA500 - CMI Workplan Approved
NAICS Code(s): 325199 325188 32532
All Other Basic Organic Chemical Manufacturing
All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing

Original schedule date: 12/30/2001
Schedule end date: Not reported

EPA ID: MID005363114
EPA Region: 05
Area Name: EAST PLANT
Actual Date: Not reported
Action: CA450 - Corrective Measures Design Approved
NAICS Code(s): 325199 325188 32532
All Other Basic Organic Chemical Manufacturing
All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing

Original schedule date: 05/30/2001
Schedule end date: Not reported

EPA ID: MID005363114
EPA Region: 05
Area Name: EAST PLANT
Actual Date: Not reported
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 325199 325188 32532
All Other Basic Organic Chemical Manufacturing
All Other Basic Inorganic Chemical Manufacturing
Pesticide and Other Agricultural Chemical Manufacturing

Original schedule date: 12/30/1998
Schedule end date: Not reported

TRIS:

[Click this hyperlink](#) while viewing on your computer to access
5 additional US_TRIS: record(s) in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

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

FINDS:

Registry ID: 110000406436

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.

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

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.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

HAZARDOUS WASTE BIENNIAL REPORTER

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites,

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

including an inventory of sites, planned and actual site activities, and financial information.

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 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.

US EPA Risk Management Plan (RMP) database stores the risk management plans reported by companies that handle, manufacture, use, or store certain flammable or toxic substances, as required under section 112(r) of the Clean Air Act (CAA).

LUST:

Facility ID: 00008504
Source: STATE OF MICHIGAN
Owner Name: Taminco
Owner Address: 7540 Windsor Dr
Owner City,St,Zip: Allentown, PA 18195
Owner Contact: Not reported
Owner Phone: (610) 366-6730
Country: USA
District: SE Michigan District Office
Site Name: Atochem Of N. America (Arkema, Inc.)
Latitude: 42.18244
Longitude: -83.16285
Date of Collection: 07/03/2008
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off
Accuracy: 40
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

Leak Number: C-0597-91
Release Date: 01/01/1991
Substance Released: Not reported
Release Status: Closed
Release Closed Date: 03/13/2003

Leak Number: C-0948-90
Release Date: 07/30/1990
Substance Released: Not reported
Release Status: Closed
Release Closed Date: 09/08/1997

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

Leak Number: C-1377-90
Release Date: 08/01/1990
Substance Released: Hazardous Substance
Release Status: Open
Release Closed Date: Not reported

Leak Number: C-1471-93
Release Date: 11/19/1993
Substance Released: Hazardous Substance
Release Status: Open
Release Closed Date: Not reported

UST:

Facility ID: 00008504
Facility Type: CLOSED
Latitude: 42.18244
Longitude: -83.16285
Owner Name: TAMINCO
Owner Address: 7540 WINDSOR DR
Owner City,St,Zip: ALLENTOWN, PA 18195
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (610) 366-6730
Contact: Russ Baxter
Contact Phone: (267) 632-1320
Date of Collection: 07/03/2008
Accuracy: 40
Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off

Tank ID: 2668
Tank Status: **Removed from Ground**
Capacity: 6350
Install Date: 04/02/1960
Product: Hazardous Substance,BUTYL AMINE,1
Remove Date: 05/22/1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 2670
Tank Status: **Removed from Ground**
Capacity: 10000
Install Date: 04/02/1968
Product: Hazardous Substance,CARBON DISULFIDE,7
Remove Date: 10/15/1993
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Pressure

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 2671
Tank Status: Removed from Ground
Capacity: 10000
Install Date: 04/02/1945
Product: Hazardous Substance,CARBON DISULFIDE,7
Remove Date: 07/13/1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 4496
Tank Status: Removed from Ground
Capacity: 15000
Install Date: 04/03/1943
Product: Hazardous Substance
Remove Date: 12/19/1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 4497
Tank Status: Removed from Ground
Capacity: 15000
Install Date: 04/03/1943
Product: Hazardous Substance
Remove Date: 12/21/1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: NONE
Tank Status: Removed from Ground
Capacity: 1000
Install Date: 04/02/1950
Product: Kerosene
Remove Date: 05/01/1987
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Construction Material: Asphalt Coated or Bare Steel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

Impressed Device: No

Tank ID: 21377
Tank Status: **Removed from Ground**
Capacity: 14000
Install Date: 04/03/1943
Product: Hazardous Substance,DIETHYLAMINE,1
Remove Date: 12/27/1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 4496A
Tank Status: **Removed from Ground**
Capacity: 30000
Install Date: 11/02/1990
Product: Ethylene Oxide
Remove Date: 03/30/2010
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Unknown
Piping Type: Not reported
Construction Material: Cathodically Protected Steel
Impressed Device: No

Tank ID: 3240-063
Tank Status: **Removed from Ground**
Capacity: 2000
Install Date: 04/02/1968
Product: Gasoline
Remove Date: 12/21/1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

AST:

Facility ID: 91082091
Facility Phone: (734) 385-9200
Type: CLOSED
Owner Name: TAMINCO HIGHER AMINES INC
Owner Address: 17168 JEFFERSON AVE
Owner City,St,Zip: RIVERVIEW, PA 18195
Owner County: USA
Owner Contact: Not reported
Owner Telephone: (610) 366-6730
District: SE Michigan District Office
Contact: Thomas Ray
Latitude: 42.1824466700

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

Longitude: -83.162856
Date of Collection: 06/27/2007
Accuracy: 40 FEET
Horizontal Datum: NAD83

Facility ID: 91082091
Facility Phone: (734) 385-9200
Type: CLOSED
Owner Name: TAMINCO HIGHER AMINES INC
Owner Address: 17168 JEFFERSON AVE
Owner City,St,Zip: RIVERVIEW, PA 18195
Owner County: USA
Owner Contact: Not reported
Owner Telephone: (610) 366-6730
District: SE Michigan District Office
Contact: Thomas Ray
Latitude: 42.1824466700
Longitude: -83.162856
Date of Collection: 06/27/2007
Accuracy: 40 FEET
Horizontal Datum: NAD83

Facility ID: 91082091
Facility Phone: (734) 385-9200
Type: CLOSED
Owner Name: TAMINCO HIGHER AMINES INC
Owner Address: 17168 JEFFERSON AVE
Owner City,St,Zip: RIVERVIEW, PA 18195
Owner County: USA
Owner Contact: Not reported
Owner Telephone: (610) 366-6730
District: SE Michigan District Office
Contact: Thomas Ray
Latitude: 42.1824466700
Longitude: -83.162856
Date of Collection: 06/27/2007
Accuracy: 40 FEET
Horizontal Datum: NAD83

Facility ID: 91082091
Facility Phone: (734) 385-9200
Type: CLOSED
Owner Name: TAMINCO HIGHER AMINES INC
Owner Address: 17168 JEFFERSON AVE
Owner City,St,Zip: RIVERVIEW, PA 18195
Owner County: USA
Owner Contact: Not reported
Owner Telephone: (610) 366-6730
District: SE Michigan District Office
Contact: Thomas Ray
Latitude: 42.1824466700
Longitude: -83.162856
Date of Collection: 06/27/2007
Accuracy: 40 FEET
Horizontal Datum: NAD83

Facility ID: 91082091

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

Facility Phone: (734) 385-9200
Type: CLOSED
Owner Name: TAMINCO HIGHER AMINES INC
Owner Address: 17168 JEFFERSON AVE
Owner City,St,Zip: RIVERVIEW, PA 18195
Owner County: USA
Owner Contact: Not reported
Owner Telephone: (610) 366-6730
District: SE Michigan District Office
Contact: Thomas Ray
Latitude: 42.1824466700
Longitude: -83.162856
Date of Collection: 06/27/2007
Accuracy: 40 FEET
Horizontal Datum: NAD83

Facility ID: 91082091
Facility Phone: (734) 385-9200
Type: CLOSED
Owner Name: TAMINCO HIGHER AMINES INC
Owner Address: 17168 JEFFERSON AVE
Owner City,St,Zip: RIVERVIEW, PA 18195
Owner County: USA
Owner Contact: Not reported
Owner Telephone: (610) 366-6730
District: SE Michigan District Office
Contact: Thomas Ray
Latitude: 42.1824466700
Longitude: -83.162856
Date of Collection: 06/27/2007
Accuracy: 40 FEET
Horizontal Datum: NAD83

Facility ID: 91082091
Facility Phone: (734) 385-9200
Type: CLOSED
Owner Name: TAMINCO HIGHER AMINES INC
Owner Address: 17168 JEFFERSON AVE
Owner City,St,Zip: RIVERVIEW, PA 18195
Owner County: USA
Owner Contact: Not reported
Owner Telephone: (610) 366-6730
District: SE Michigan District Office
Contact: Thomas Ray
Latitude: 42.1824466700
Longitude: -83.162856
Date of Collection: 06/27/2007
Accuracy: 40 FEET
Horizontal Datum: NAD83

Facility ID: 91082091
Facility Phone: (734) 385-9200
Type: CLOSED
Owner Name: TAMINCO HIGHER AMINES INC
Owner Address: 17168 JEFFERSON AVE
Owner City,St,Zip: RIVERVIEW, PA 18195
Owner County: USA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

Owner Contact: Not reported
Owner Telephone: (610) 366-6730
District: SE Michigan District Office
Contact: Thomas Ray
Latitude: 42.1824466700
Longitude: -83.162856
Date of Collection: 06/27/2007
Accuracy: 40 FEET
Horizontal Datum: NAD83

Facility ID: 91082091
Facility Phone: (734) 385-9200
Type: CLOSED
Owner Name: TAMINCO HIGHER AMINES INC
Owner Address: 17168 JEFFERSON AVE
Owner City,St,Zip: RIVERVIEW, PA 18195
Owner County: USA
Owner Contact: Not reported
Owner Telephone: (610) 366-6730
District: SE Michigan District Office
Contact: Thomas Ray
Latitude: 42.1824466700
Longitude: -83.162856
Date of Collection: 06/27/2007
Accuracy: 40 FEET
Horizontal Datum: NAD83

Facility ID: 91082091
Facility Phone: (734) 385-9200
Type: CLOSED
Owner Name: TAMINCO HIGHER AMINES INC
Owner Address: 17168 JEFFERSON AVE
Owner City,St,Zip: RIVERVIEW, PA 18195
Owner County: USA
Owner Contact: Not reported
Owner Telephone: (610) 366-6730
District: SE Michigan District Office
Contact: Thomas Ray
Latitude: 42.1824466700
Longitude: -83.162856
Date of Collection: 06/27/2007
Accuracy: 40 FEET
Horizontal Datum: NAD83

Facility ID: 91082091
Facility Phone: (734) 385-9200
Type: CLOSED
Owner Name: TAMINCO HIGHER AMINES INC
Owner Address: 17168 JEFFERSON AVE
Owner City,St,Zip: RIVERVIEW, PA 18195
Owner County: USA
Owner Contact: Not reported
Owner Telephone: (610) 366-6730
District: SE Michigan District Office
Contact: Thomas Ray
Latitude: 42.1824466700
Longitude: -83.162856

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

Date of Collection: 06/27/2007
Accuracy: 40 FEET
Horizontal Datum: NAD83

Facility ID: 91082091
Facility Phone: (734) 385-9200
Type: CLOSED
Owner Name: TAMINCO HIGHER AMINES INC
Owner Address: 17168 JEFFERSON AVE
Owner City,St,Zip: RIVERVIEW, PA 18195
Owner County: USA
Owner Contact: Not reported
Owner Telephone: (610) 366-6730
District: SE Michigan District Office
Contact: Thomas Ray
Latitude: 42.1824466700
Longitude: -83.162856
Date of Collection: 06/27/2007
Accuracy: 40 FEET
Horizontal Datum: NAD83

Facility ID: 91082091
Facility Phone: (734) 385-9200
Type: CLOSED
Owner Name: TAMINCO HIGHER AMINES INC
Owner Address: 17168 JEFFERSON AVE
Owner City,St,Zip: RIVERVIEW, PA 18195
Owner County: USA
Owner Contact: Not reported
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Facility Phone: (734) 385-9200

Map ID
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EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

Type: CLOSED
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ARKEMA INC (Continued)

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ARKEMA INC (Continued)

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Owner County: USA
Owner Contact: Not reported
Owner Telephone: (610) 366-6730
District: SE Michigan District Office
Contact: Thomas Ray
Latitude: 42.1824466700
Longitude: -83.162856
Date of Collection: 06/27/2007
Accuracy: 40 FEET
Horizontal Datum: NAD83

Facility ID: 91082091
Facility Phone: (734) 385-9200
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Owner Name: TAMINCO HIGHER AMINES INC
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EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

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ARKEMA INC (Continued)

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ARKEMA INC (Continued)

1000323437

Horizontal Datum: NAD83

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Owner Name: TAMINCO HIGHER AMINES INC
Owner Address: 17168 JEFFERSON AVE
Owner City,St,Zip: RIVERVIEW, PA 18195
Owner County: USA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

Owner Contact: Not reported
Owner Telephone: (610) 366-6730
District: SE Michigan District Office
Contact: Thomas Ray
Latitude: 42.1824466700
Longitude: -83.162856
Date of Collection: 06/27/2007
Accuracy: 40 FEET
Horizontal Datum: NAD83

Facility ID: 91082091
Facility Phone: (734) 385-9200
Type: CLOSED
Owner Name: TAMINCO HIGHER AMINES INC
Owner Address: 17168 JEFFERSON AVE
Owner City,St,Zip: RIVERVIEW, PA 18195
Owner County: USA
Owner Contact: Not reported
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

Date of Collection: 06/27/2007
Accuracy: 40 FEET
Horizontal Datum: NAD83

Facility ID: 91082091
Facility Phone: (734) 385-9200
Type: CLOSED
Owner Name: TAMINCO HIGHER AMINES INC
Owner Address: 17168 JEFFERSON AVE
Owner City,St,Zip: RIVERVIEW, PA 18195
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Owner Contact: Not reported
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Longitude: -83.162856
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Accuracy: 40 FEET
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Owner Contact: Not reported
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Longitude: -83.162856
Date of Collection: 06/27/2007
Accuracy: 40 FEET
Horizontal Datum: NAD83

Facility ID: 91082091
Facility Phone: (734) 385-9200

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

Type: CLOSED
Owner Name: TAMINCO HIGHER AMINES INC
Owner Address: 17168 JEFFERSON AVE
Owner City,St,Zip: RIVERVIEW, PA 18195
Owner County: USA
Owner Contact: Not reported
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Accuracy: 40 FEET
Horizontal Datum: NAD83

Facility ID: 91082091
Facility Phone: (734) 385-9200
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Owner City,St,Zip: RIVERVIEW, PA 18195
Owner County: USA
Owner Contact: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

Owner Telephone: (610) 366-6730
District: SE Michigan District Office
Contact: Thomas Ray
Latitude: 42.1824466700
Longitude: -83.162856
Date of Collection: 06/27/2007
Accuracy: 40 FEET
Horizontal Datum: NAD83

Facility ID: 91082091
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MAP FINDINGS

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EDR ID Number
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ARKEMA INC (Continued)

1000323437

Accuracy: 40 FEET
Horizontal Datum: NAD83

Facility ID: 91082091
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Map ID
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MAP FINDINGS

Site

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EPA ID Number

ARKEMA INC (Continued)

1000323437

Owner Name: TAMINCO HIGHER AMINES INC
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Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

District: SE Michigan District Office
Contact: Thomas Ray
Latitude: 42.1824466700
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Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

Horizontal Datum: NAD83

Facility ID: 91082091
Facility Phone: (734) 385-9200
Type: CLOSED
Owner Name: TAMINCO HIGHER AMINES INC
Owner Address: 17168 JEFFERSON AVE
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Owner County: USA
Owner Contact: Not reported
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District: SE Michigan District Office
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Longitude: -83.162856
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Owner Name: TAMINCO HIGHER AMINES INC

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

Owner Address: 17168 JEFFERSON AVE
Owner City,St,Zip: RIVERVIEW, PA 18195
Owner County: USA
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Longitude: -83.162856
Date of Collection: 06/27/2007
Accuracy: 40 FEET
Horizontal Datum: NAD83

NY MANIFEST:

EPA ID: MID005363114
Country: USA
Mailing Name: ATOCHEM NORTH AMERICA INCORPORATED
Mailing Contact: ATOCHEM NORTH AMERICA INCORPORATED
Mailing Address: 4655 BIDDLE AVENUE
Mailing Address 2: Not reported
Mailing City: WYANDOTTE
Mailing State: MI
Mailing Zip: I
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

Document ID: NYA4102975
Manifest Status: Completed copy
Trans1 State ID: 199196ST
Trans2 State ID: Not reported
Generator Ship Date: 860605
Trans1 Recv Date: 860605
Trans2 Recv Date: Not reported
TSD Site Recv Date: 860606
Part A Recv Date: 860612
Part B Recv Date: 860613
Generator EPA ID: MID005363114
Trans1 EPA ID: ILD980682728
Trans2 EPA ID: Not reported
TSDF ID: NYD043815703
Waste Code: D003 - NON-LISTED REACTIVE WASTES
Quantity: 16500
Units: P - Pounds
Number of Containers: 055
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 16650
Units: P - Pounds
Number of Containers: 037
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 86

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

Document ID: NYA2366982
Manifest Status: Completed after the designated time period for a TSDf to get a copy to the DEC
Trans1 State ID: 01494T(31
Trans2 State ID: Not reported
Generator Ship Date: 870930
Trans1 Recv Date: 870930
Trans2 Recv Date: Not reported
TSD Site Recv Date: 871001
Part A Recv Date: 871112
Part B Recv Date: 871007
Generator EPA ID: MID005363114
Trans1 EPA ID: MID072790710
Trans2 EPA ID: Not reported
TSDf ID: NYD049836679
Waste Code: B006 - PCB TRANSFORMERS WITH 500 PPM OR > PCB
Quantity: 36461
Units: P - Pounds
Number of Containers: 002
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 100
Year: 87

Document ID: NYA2366973
Manifest Status: Completed copy
Trans1 State ID: 911Q15
Trans2 State ID: Not reported
Generator Ship Date: 870930
Trans1 Recv Date: 870930
Trans2 Recv Date: Not reported
TSD Site Recv Date: 871001
Part A Recv Date: 871006
Part B Recv Date: 871007
Generator EPA ID: MID005363114
Trans1 EPA ID: OHD000772558
Trans2 EPA ID: Not reported
TSDf ID: NYD049836679
Waste Code: B006 - PCB TRANSFORMERS WITH 500 PPM OR > PCB
Quantity: 36252
Units: P - Pounds
Number of Containers: 002
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 100
Year: 87

Document ID: NYA7452333
Manifest Status: Completed copy
Trans1 State ID: Not reported
Trans2 State ID: Not reported
Generator Ship Date: 910711
Trans1 Recv Date: 910711
Trans2 Recv Date: Not reported
TSD Site Recv Date: 910712
Part A Recv Date: 910724

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

Part B Recv Date: 910725
Generator EPA ID: MID005363114
Trans1 EPA ID: OHD009865825
Trans2 EPA ID: Not reported
TSD ID: NYD049836679
Waste Code: B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity: 11603
Units: K - Kilograms (2.2 pounds)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 100
Year: 91

Document ID: NYA2366964
Manifest Status: Completed copy
Trans1 State ID: 189R9
Trans2 State ID: Not reported
Generator Ship Date: 870930
Trans1 Recv Date: 870930
Trans2 Recv Date: Not reported
TSD Site Recv Date: 871001
Part A Recv Date: 871006
Part B Recv Date: 871007
Generator EPA ID: MID005363114
Trans1 EPA ID: OHD000772558
Trans2 EPA ID: Not reported
TSD ID: NYD049836679
Waste Code: B006 - PCB TRANSFORMERS WITH 500 PPM OR > PCB
Quantity: 32037
Units: P - Pounds
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 100
Year: 87

Document ID: NYB2902815
Manifest Status: Completed copy
Trans1 State ID: Not reported
Trans2 State ID: Not reported
Generator Ship Date: 910711
Trans1 Recv Date: 910711
Trans2 Recv Date: Not reported
TSD Site Recv Date: 910712
Part A Recv Date: 910724
Part B Recv Date: 910725
Generator EPA ID: MID005363114
Trans1 EPA ID: OHD009865825
Trans2 EPA ID: Not reported
TSD ID: NYD049836679
Waste Code: B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity: 14787
Units: K - Kilograms (2.2 pounds)
Number of Containers: 001

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 100
Year: 91

Document ID: NYO2383938
Manifest Status: Completed copy
Trans1 State ID: MI006
Trans2 State ID: Not reported
Generator Ship Date: 820907
Trans1 Recv Date: 820907
Trans2 Recv Date: Not reported
TSD Site Recv Date: 820908
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: MID005363114
Trans1 EPA ID: MID000820365
Trans2 EPA ID: Not reported
TSD ID: NYD043815703
Waste Code: D003 - NON-LISTED REACTIVE WASTES
Quantity: 26180
Units: P - Pounds
Number of Containers: 080
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 82

Document ID: NYO2383947
Manifest Status: Completed after the designated time period for a TSD to get a copy to the DEC
Trans1 State ID: M1006
Trans2 State ID: Not reported
Generator Ship Date: 821003
Trans1 Recv Date: 821003
Trans2 Recv Date: Not reported
TSD Site Recv Date: 821003
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: MID005363114
Trans1 EPA ID: MID000820365
Trans2 EPA ID: Not reported
TSD ID: NYD043815703
Waste Code: D003 - NON-LISTED REACTIVE WASTES
Quantity: 25100
Units: P - Pounds
Number of Containers: 051
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 82

Document ID: NYO2383956
Manifest Status: Completed copy
Trans1 State ID: 046

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

Trans2 State ID: Not reported
Generator Ship Date: 820907
Trans1 Recv Date: 820907
Trans2 Recv Date: Not reported
TSD Site Recv Date: 820908
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: MID005363114
Trans1 EPA ID: MID000820365
Trans2 EPA ID: Not reported
TSD ID: NYD043815703
Waste Code: D003 - NON-LISTED REACTIVE WASTES
Quantity: 30880
Units: P - Pounds
Number of Containers: 080
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 82

Document ID: NYO2383965
Manifest Status: Completed copy
Trans1 State ID: MI006
Trans2 State ID: Not reported
Generator Ship Date: 820910
Trans1 Recv Date: 820910
Trans2 Recv Date: Not reported
TSD Site Recv Date: 820913
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: MID005363114
Trans1 EPA ID: MID000820365
Trans2 EPA ID: Not reported
TSD ID: NYD043815703
Waste Code: D003 - NON-LISTED REACTIVE WASTES
Quantity: 23400
Units: P - Pounds
Number of Containers: 079
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 82

Document ID: NYG3180051
Manifest Status: Not reported
Trans1 State ID: MID072790710
Trans2 State ID: Not reported
Generator Ship Date: 10/09/2001
Trans1 Recv Date: 10/09/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/10/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: MID005363114
Trans1 EPA ID: NYD049836679

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

Trans2 EPA ID: Not reported
TSDF ID: 594806MI
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 18660
Units: P - Pounds
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2001

Document ID: NYA1485828
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: Not reported
Trans2 State ID: Not reported
Generator Ship Date: 841219
Trans1 Recv Date: 841219
Trans2 Recv Date: 841219
TSD Site Recv Date: 841220
Part A Recv Date: 850109
Part B Recv Date: 841228
Generator EPA ID: MID005363114
Trans1 EPA ID: MIT270012321
Trans2 EPA ID: Not reported
TSDF ID: NYD043815703
Waste Code: D003 - NON-LISTED REACTIVE WASTES
Quantity: 05800
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 84

Document ID: NYA1485873
Manifest Status: Completed copy
Trans1 State ID: 58367L
Trans2 State ID: Not reported
Generator Ship Date: 850207
Trans1 Recv Date: 850207
Trans2 Recv Date: Not reported
TSD Site Recv Date: 850208
Part A Recv Date: 850211
Part B Recv Date: 850221
Generator EPA ID: MID005363114
Trans1 EPA ID: MID000820365
Trans2 EPA ID: Not reported
TSDF ID: NYD043815703
Waste Code: D003 - NON-LISTED REACTIVE WASTES
Quantity: 02508
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 051
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

Waste Code: Not reported
Quantity: 01375
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 025
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 100
Year: 85

Document ID: NYA7452324
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: Not reported
Trans2 State ID: Not reported
Generator Ship Date: 900508
Trans1 Recv Date: 900508
Trans2 Recv Date: Not reported
TSD Site Recv Date: 900511
Part A Recv Date: 900628
Part B Recv Date: 900627
Generator EPA ID: MID005363114
Trans1 EPA ID: OHD009865825
Trans2 EPA ID: Not reported
TSDF ID: NYD049836679
Waste Code: B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity: 11059
Units: K - Kilograms (2.2 pounds)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 100
Year: 90

AUL:

Status: Filed
Site Name: Not reported
Property: ATOFINA Chemicals Inc Riverview Plant
Land Use Restriction Type: RC
Program Type: Part 213
Program Support Assigned User: Nicholas Swartz
Program Support Assigned Date: 4/26/2010 10:34:39.08
Legal Description Of Property: Migrated
Based On The Deq Ref #: 11121304303
MDEQ Reference Number: RC-RRD-213-04-303
Property Or Description Restricted Area: Migrated
Lead Division: STD
File Name Of Hyperlinked Legal Doc: U:\kermi\11121304303.pdf
Mapped Polygon S Area In Acres: 215.29259999999999
Mapped Polygon S Area In Square Miles: 0.33639999999999998
Date Data Entry Started: 4/26/2010 00:00:00
Date Data Entry Finished: 4/26/2010 00:00:00
Individual Or Staff Assoc With The Mapping: Nicholas Swartz
Program Used To Map Restricted Features: ArcInfo 9.3 and IcoMap 4.2
Map Comments: Restriction has not been mapped as of 12/26/2007. 20100426 - LRUR is mapped in KERMIT - Nick Swartz
Comment: Request received on 7/12/2004
Date Legal Paperwork Stamped/Filed/Register Of Deeds: 12/6/2001 00:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARKEMA INC (Continued)

1000323437

Commercial I Land Use Restriction: 0
Commercial Ii Land Use Restriction: 1
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: 1
Groundwater Contact Restrictions: 0
Special Well Construction Requirements: 0
Special Building Restrictions: 0
Excavation And Soil Movement Restrictions: 0
Soil Movement Requirements: 0
There Is A Restriction On All Construction: 0
Monitoring Well Protected, No Tampering Or Removal: 0
There Is An Exposure Barrier In Place: 0
There Is A Health And Safety Plan: 0
There Is A Permanent Marker On The Site: 0

2020 CORRECTIVE ACTION:

EPA ID: MID005363114
Region: 5
Action: Not reported

36
SSE
1/2-1
0.706 mi.
3728 ft.

**FIRESTONE PROPERTY, RIVERVIEW
17423 JEFFERSON
RIVERVIEW, MI 48192**

**SHWS S103095060
N/A**

**Relative:
Lower**

SHWS:

Facility ID: 82000019
Facility Status: Inactive - no actions taken to address contamination
Source: Refuse Systems
SAM Score: 30
SAM Score Date: 04/07/2004
Township: 04S
Range: 11E
Section: 5
Quarter: NW
Quarter/Quarter: Not reported
Pollutants: Phenol; PCBs

**Actual:
575 ft.**

Count: 28 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
GROSSE ILE	S105144844	BASF POINT HENNEPIN	NULL	48192	SHWS
RIVERVIEW	S103594592	MONGUAGON CREEK	JCT JEFFERSON & GROSSE ISLE B	48192	SHWS
RIVERVIEW	1003871236	PENNWALT CORPORATION BRINE FIELD	SOUTH OF PENNSYLVANIA & W ELEC	48192	CERC-NFRAP
SOUTHGATE	S110996894	WOOLSEY REALTY INC. PROPERTY	13064TH & 13080 EUREKA RD	48195	BEA
SOUTHGATE	1001968413	US POSTAL SERVICE	1400 DIX TOLEDO HWY	48195	RCRA-NonGen, FINDS
WAYNE COUNTY	S110126821	WAYNE CO./DET AREA HISTORICAL SMEL	VARIOUS ADDRESS THROUGHOUT DET		SHWS
WYANDOTTE	S108959583	230 & 242 MULBERRY STREET	230TH & 242ND MULBERRY		SHWS, BEA
WYANDOTTE	U003659238	FORMER SUNOCO #008-5639	3804TH BIDDLE & ORCHARD		LUST, UST
WYANDOTTE	1014732658	FORMER GODDARD SUBSTATION	100 6TH ST	48192	FINDS
WYANDOTTE	1014476660	FORMER GODDARD SUBSTATION	100 6TH ST	48192	US BROWNFIELDS
WYANDOTTE	8710773	AIR,GROUND, AND WATER MONGUAGON CR	AIR,GROUND, AND WATER MONGUAGO		ERNS
WYANDOTTE	1014730787	2040 BIDDLE PROPERTY	2036 2040 AND 2044 BIDDLE	48192	FINDS
WYANDOTTE	1014476548	2040 BIDDLE PROPERTY	2036 2040 AND 2044 BIDDLE	48192	US BROWNFIELDS
WYANDOTTE	S104912553	WYANDOTTE, CITY OF	1150 AND 1168 GROVE ST		BEA
WYANDOTTE	S106891026	BASF WYANDOTTE SOUTH WORKS	BIDDLE AVE		SHWS
WYANDOTTE	S108959560	BASF CENTRAL AVENUE	CENTRAL AVE		SHWS
WYANDOTTE	1003871310	CENTRAL AVENUE WYANDOTTE	CENTRAL AVENUE NEAR 8TH STREET	48192	CERC-NFRAP
WYANDOTTE	92259603	DETROIT RIVER AT THE END OF OAK	DETROIT RIVER AT THE END OF OA	48192	ERNS
WYANDOTTE	91202687	DETROIT RIVER WYDOTTE BOAT RAMP ST	DETROIT RIVER WYDOTTE BOAT RAM		ERNS
WYANDOTTE	U003319451	BEST CONCRETE	17200 DIX TOLEDO HWY	48192	LUST, UST
WYANDOTTE	S103594589	LOWER ECORSE CREEK	N DRIVE AREA	48192	SHWS, DEL SHWS
WYANDOTTE	1014730797	135 FORD PROPERTY	135 FORD AVE	48192	FINDS
WYANDOTTE	S104912623	TENASKA MICHIGAN PARTNERS, LLC	GROVE AVENUE AND EIGHT ST		BEA
WYANDOTTE	S110300818	CITY OF WYANDOTTE	LOTS 25 & 26 ON 13TH GRV		BEA
WYANDOTTE	S110300954	WYANDOTTE INDUSTRIAL SUBDIVISION #	LOTS ON 13TH ST & GROVE ST	48192	BEA
WYANDOTTE	S108633168	SYCAMORE STREET PROPERTY	SYCAMORE ST		DEL SHWS
WYANDOTTE	S110300872	HORIZON PROPERTIES/ WYANDOTTE SUB.	VACANT LOTS NORTH SIDE OF 13TH		BEA
WYANDOTTE	S104912223		WYANDOTTE		SPILLS, BEA

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 05/08/2012	Source: EPA
Date Data Arrived at EDR: 05/10/2012	Telephone: N/A
Date Made Active in Reports: 05/15/2012	Last EDR Contact: 05/10/2012
Number of Days to Update: 5	Next Scheduled EDR Contact: 07/23/2012
	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: 03/30/2012	Source: EPA
Date Data Arrived at EDR: 04/05/2012	Telephone: N/A
Date Made Active in Reports: 05/15/2012	Last EDR Contact: 04/05/2012
Number of Days to Update: 40	Next Scheduled EDR Contact: 07/23/2012
	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	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

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

Date of Government Version: 03/30/2012	Source: EPA
Date Data Arrived at EDR: 04/05/2012	Telephone: N/A
Date Made Active in Reports: 05/15/2012	Last EDR Contact: 04/05/2012
Number of Days to Update: 40	Next Scheduled EDR Contact: 07/23/2012
	Data Release Frequency: Quarterly

Federal CERCLIS list

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

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 12/27/2011	Source: EPA
Date Data Arrived at EDR: 02/27/2012	Telephone: 703-412-9810
Date Made Active in Reports: 03/12/2012	Last EDR Contact: 05/29/2012
Number of Days to Update: 14	Next Scheduled EDR Contact: 09/10/2012
	Data Release Frequency: Quarterly

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: 12/10/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/11/2011	Telephone: 703-603-8704
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 04/12/2012
Number of Days to Update: 36	Next Scheduled EDR Contact: 07/23/2012
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS 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 this 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. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 12/28/2011	Source: EPA
Date Data Arrived at EDR: 02/27/2012	Telephone: 703-412-9810
Date Made Active in Reports: 03/12/2012	Last EDR Contact: 05/29/2012
Number of Days to Update: 14	Next Scheduled EDR Contact: 09/10/2012
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/19/2011
Date Data Arrived at EDR: 08/31/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 132

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 05/15/2012
Next Scheduled EDR Contact: 08/27/2012
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 04/04/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 04/04/2012
Next Scheduled EDR Contact: 07/16/2012
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: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 04/04/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 04/04/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

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: 12/30/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/30/2011	Telephone: 703-603-0695
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 06/11/2012
Number of Days to Update: 11	Next Scheduled EDR Contact: 09/24/2012
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 12/30/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/30/2011	Telephone: 703-603-0695
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 06/11/2012
Number of Days to Update: 11	Next Scheduled EDR Contact: 09/24/2012
	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: 04/02/2012	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 04/03/2012	Telephone: 202-267-2180
Date Made Active in Reports: 06/14/2012	Last EDR Contact: 04/03/2012
Number of Days to Update: 72	Next Scheduled EDR Contact: 07/16/2012
	Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Contaminated Sites

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 04/30/2012	Source: Department of Natural Resources & Environment
Date Data Arrived at EDR: 05/02/2012	Telephone: 517-373-9541
Date Made Active in Reports: 05/23/2012	Last EDR Contact: 05/02/2012
Number of Days to Update: 21	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Semi-Annually

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

SWF/LF: Solid Waste Facilities Database

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/02/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 04/20/2012
Number of Days to Update: 17

Source: Department of Natural Resources & Environment
Telephone: 517-335-4035
Last EDR Contact: 04/03/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank Sites

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

Date of Government Version: 03/20/2012
Date Data Arrived at EDR: 03/30/2012
Date Made Active in Reports: 04/20/2012
Number of Days to Update: 21

Source: Department of Natural Resources & Environment
Telephone: 517-373-9837
Last EDR Contact: 05/23/2012
Next Scheduled EDR Contact: 09/03/2012
Data Release Frequency: Annually

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 02/07/2012
Date Data Arrived at EDR: 02/17/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 88

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/30/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 04/23/2012
Next Scheduled EDR Contact: 08/13/2012
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: 10/01/2011
Date Data Arrived at EDR: 11/01/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 10

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/01/2012
Next Scheduled EDR Contact: 08/13/2012
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: 02/01/2012
Date Data Arrived at EDR: 02/02/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 103

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/30/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Quarterly

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: 02/14/2012
Date Data Arrived at EDR: 02/17/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 04/30/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 12/14/2011	Source: EPA Region 4
Date Data Arrived at EDR: 12/15/2011	Telephone: 404-562-8677
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 04/30/2012
Number of Days to Update: 26	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Semi-Annually

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: 08/18/2011	Source: EPA Region 8
Date Data Arrived at EDR: 08/19/2011	Telephone: 303-312-6271
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 04/30/2012
Number of Days to Update: 25	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Quarterly

State and tribal registered storage tank lists

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: 03/20/2012	Source: Department of Natural Resources & Environment
Date Data Arrived at EDR: 03/30/2012	Telephone: 517-335-4035
Date Made Active in Reports: 04/20/2012	Last EDR Contact: 05/23/2012
Number of Days to Update: 21	Next Scheduled EDR Contact: 09/03/2012
	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: 10/24/2011	Source: Department of Environmental Quality
Date Data Arrived at EDR: 11/23/2011	Telephone: 517-335-7211
Date Made Active in Reports: 01/09/2012	Last EDR Contact: 04/23/2012
Number of Days to Update: 47	Next Scheduled EDR Contact: 08/06/2012
	Data Release Frequency: Annually

AST: Aboveground Tanks
Registered Aboveground Storage Tanks.

Date of Government Version: 03/09/2012	Source: Department of Natural Resources & Environment
Date Data Arrived at EDR: 03/21/2012	Telephone: 517-373-8168
Date Made Active in Reports: 04/27/2012	Last EDR Contact: 06/15/2012
Number of Days to Update: 37	Next Scheduled EDR Contact: 09/03/2012
	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: 02/01/2012	Source: EPA Region 10
Date Data Arrived at EDR: 02/02/2012	Telephone: 206-553-2857
Date Made Active in Reports: 05/15/2012	Last EDR Contact: 04/30/2012
Number of Days to Update: 103	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/14/2011	Source: EPA Region 4
Date Data Arrived at EDR: 12/15/2011	Telephone: 404-562-9424
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 04/30/2012
Number of Days to Update: 26	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Semi-Annually

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: 11/28/2011	Source: EPA Region 9
Date Data Arrived at EDR: 11/29/2011	Telephone: 415-972-3368
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 04/30/2012
Number of Days to Update: 42	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Quarterly

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: 08/18/2011	Source: EPA Region 8
Date Data Arrived at EDR: 08/19/2011	Telephone: 303-312-6137
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 04/30/2012
Number of Days to Update: 25	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Quarterly

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: 02/07/2012	Source: EPA Region 7
Date Data Arrived at EDR: 02/17/2012	Telephone: 913-551-7003
Date Made Active in Reports: 05/15/2012	Last EDR Contact: 04/30/2012
Number of Days to Update: 88	Next Scheduled EDR Contact: 08/13/2012
	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: 02/28/2012	Source: EPA Region 5
Date Data Arrived at EDR: 02/29/2012	Telephone: 312-886-6136
Date Made Active in Reports: 05/15/2012	Last EDR Contact: 04/30/2012
Number of Days to Update: 76	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/10/2011	Source: EPA Region 6
Date Data Arrived at EDR: 05/11/2011	Telephone: 214-665-7591
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 04/23/2012
Number of Days to Update: 34	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/01/2011	Source: EPA, Region 1
Date Data Arrived at EDR: 11/01/2011	Telephone: 617-918-1313
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 05/01/2012
Number of Days to Update: 10	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 04/10/2012
Number of Days to Update: 55	Next Scheduled EDR Contact: 07/30/2012
	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: 03/28/2012	Source: Department of Natural Resources & Environment
Date Data Arrived at EDR: 03/28/2012	Telephone: 517-373-4828
Date Made Active in Reports: 04/20/2012	Last EDR Contact: 06/04/2012
Number of Days to Update: 23	Next Scheduled EDR Contact: 09/17/2012
	Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

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: 02/17/2012	Source: EPA, Region 1
Date Data Arrived at EDR: 04/03/2012	Telephone: 617-918-1102
Date Made Active in Reports: 05/15/2012	Last EDR Contact: 04/03/2012
Number of Days to Update: 42	Next Scheduled EDR Contact: 07/16/2012
	Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields and USTfield Site Database

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

Date of Government Version: 02/13/2012	Source: Department of Natural Resources & Environment
Date Data Arrived at EDR: 02/15/2012	Telephone: 517-373-4805
Date Made Active in Reports: 03/26/2012	Last EDR Contact: 04/30/2012
Number of Days to Update: 40	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

BROWNFIELDS 2: Brownfields Building and Land Site Locations

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

Date of Government Version: 04/09/2007
Date Data Arrived at EDR: 04/10/2007
Date Made Active in Reports: 05/01/2007
Number of Days to Update: 21

Source: Economic Development Corporation
Telephone: 888-522-0103
Last EDR Contact: 06/04/2012
Next Scheduled EDR Contact: 09/17/2012
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: 06/27/2011
Date Data Arrived at EDR: 06/27/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 04/03/2012
Next Scheduled EDR Contact: 07/09/2012
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

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: 03/26/2012
Next Scheduled EDR Contact: 07/09/2012
Data Release Frequency: No Update Planned

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

SWRCY: Recycling Facilities

A listing of recycling center locations.

Date of Government Version: 11/24/2009
Date Data Arrived at EDR: 09/30/2010
Date Made Active in Reports: 10/28/2010
Number of Days to Update: 28

Source: Department of Natural Resources & Environment
Telephone: 517-241-5719
Last EDR Contact: 04/06/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 Natural Resources & Environment
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: 05/07/2012
Next Scheduled EDR Contact: 08/20/2012
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

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: 02/02/2012
Date Data Arrived at EDR: 03/13/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 93

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 06/04/2012
Next Scheduled EDR Contact: 09/17/2012
Data Release Frequency: Quarterly

DEL SHWS: Delisted List of Contaminated Sites

Sites that have been delisted or deleted from the List of Contaminated Sites. The available documentation for the site does not support its listing or the site no longer meets criteria specified in rules.

Date of Government Version: 05/03/2012
Date Data Arrived at EDR: 05/04/2012
Date Made Active in Reports: 05/23/2012
Number of Days to Update: 19

Source: Department of Natural Resources & Environment
Telephone: 517-373-9541
Last EDR Contact: 04/30/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Varies

CDL: Clandestine Drug Lab Listing

A listing of clandestine drug lab locations.

Date of Government Version: 10/20/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 11/21/2008
Number of Days to Update: 3

Source: Department of Community Health
Telephone: 517-373-3740
Last EDR Contact: 05/01/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

UST 2: Underground Storage Tank Listing

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

Date of Government Version: 10/24/2011
Date Data Arrived at EDR: 11/23/2011
Date Made Active in Reports: 01/09/2012
Number of Days to Update: 47

Source: Department of Environmental Quality
Telephone: 517-335-7211
Last EDR Contact: 04/23/2012
Next Scheduled EDR Contact: 08/06/2012
Data Release Frequency: Annually

Local Land Records

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: 02/16/2012
Date Data Arrived at EDR: 03/26/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 04/30/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Varies

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: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/21/2012
Next Scheduled EDR Contact: 09/03/2012
Data Release Frequency: Varies

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: 11/01/2011
Date Data Arrived at EDR: 01/31/2012
Date Made Active in Reports: 02/10/2012
Number of Days to Update: 10

Source: Department of Natural Resources & Environment
Telephone: 517-373-9837
Last EDR Contact: 04/27/2012
Next Scheduled EDR Contact: 08/06/2012
Data Release Frequency: Varies

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: 04/01/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 72

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 04/03/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PEAS: Pollution Emergency Alerting System

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

Date of Government Version: 02/29/2012

Date Data Arrived at EDR: 04/23/2012

Date Made Active in Reports: 05/23/2012

Number of Days to Update: 30

Source: Department of Natural Resources & Environment

Telephone: 517-373-8427

Last EDR Contact: 06/11/2012

Next Scheduled EDR Contact: 09/24/2012

Data Release Frequency: Quarterly

Other Ascertainable Records

RCRA-NonGen: RCRA - Non 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). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/15/2012

Date Data Arrived at EDR: 04/04/2012

Date Made Active in Reports: 05/15/2012

Number of Days to Update: 41

Source: Environmental Protection Agency

Telephone: 312-886-6186

Last EDR Contact: 04/04/2012

Next Scheduled EDR Contact: 07/16/2012

Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

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

Date of Government Version: 07/29/2011

Date Data Arrived at EDR: 08/09/2011

Date Made Active in Reports: 11/11/2011

Number of Days to Update: 94

Source: Department of Transportation, Office of Pipeline Safety

Telephone: 202-366-4595

Last EDR Contact: 05/08/2012

Next Scheduled EDR Contact: 08/20/2012

Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005

Date Data Arrived at EDR: 11/10/2006

Date Made Active in Reports: 01/11/2007

Number of Days to Update: 62

Source: USGS

Telephone: 888-275-8747

Last EDR Contact: 04/16/2012

Next Scheduled EDR Contact: 07/30/2012

Data Release Frequency: Semi-Annually

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: 12/31/2009

Date Data Arrived at EDR: 08/12/2010

Date Made Active in Reports: 12/02/2010

Number of Days to Update: 112

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285

Last EDR Contact: 06/11/2012

Next Scheduled EDR Contact: 09/24/2012

Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 12/01/2011

Date Data Arrived at EDR: 01/25/2012

Date Made Active in Reports: 03/01/2012

Number of Days to Update: 36

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 04/02/2012

Next Scheduled EDR Contact: 07/16/2012

Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/27/2012	Source: EPA
Date Data Arrived at EDR: 03/14/2012	Telephone: 703-416-0223
Date Made Active in Reports: 06/14/2012	Last EDR Contact: 06/13/2012
Number of Days to Update: 92	Next Scheduled EDR Contact: 09/24/2012
	Data Release Frequency: Annually

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: 09/14/2010	Source: Department of Energy
Date Data Arrived at EDR: 10/07/2011	Telephone: 505-845-0011
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 05/29/2012
Number of Days to Update: 146	Next Scheduled EDR Contact: 09/10/2012
	Data Release Frequency: Varies

MINES: Mines Master Index File

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

Date of Government Version: 08/18/2011	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 09/08/2011	Telephone: 303-231-5959
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 06/05/2012
Number of Days to Update: 21	Next Scheduled EDR Contact: 09/17/2012
	Data Release Frequency: Semi-Annually

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: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 09/01/2011	Telephone: 202-566-0250
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 05/29/2012
Number of Days to Update: 131	Next Scheduled EDR Contact: 09/10/2012
	Data Release Frequency: Annually

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: 12/31/2006	Source: EPA
Date Data Arrived at EDR: 09/29/2010	Telephone: 202-260-5521
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 03/28/2012
Number of Days to Update: 64	Next Scheduled EDR Contact: 07/09/2012
	Data Release Frequency: Every 4 Years

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

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

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 05/23/2012
Number of Days to Update: 25	Next Scheduled EDR Contact: 09/10/2012
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 05/23/2012
Number of Days to Update: 25	Next Scheduled EDR Contact: 09/10/2012
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

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

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

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 04/30/2012
Number of Days to Update: 77	Next Scheduled EDR Contact: 08/13/2012
	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: 07/20/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/10/2011	Telephone: 202-564-5088
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 03/26/2012
Number of Days to Update: 61	Next Scheduled EDR Contact: 07/09/2012
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/01/2010	Source: EPA
Date Data Arrived at EDR: 11/10/2010	Telephone: 202-566-0500
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 04/17/2012
Number of Days to Update: 98	Next Scheduled EDR Contact: 07/30/2012
	Data Release Frequency: Annually

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: 06/21/2011	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 07/15/2011	Telephone: 301-415-7169
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 06/11/2012
Number of Days to Update: 60	Next Scheduled EDR Contact: 09/24/2012
	Data Release Frequency: Quarterly

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: 01/10/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/12/2012	Telephone: 202-343-9775
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 04/10/2012
Number of Days to Update: 49	Next Scheduled EDR Contact: 07/23/2012
	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: 10/23/2011	Source: EPA
Date Data Arrived at EDR: 12/13/2011	Telephone: (312) 353-2000
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 06/12/2012
Number of Days to Update: 79	Next Scheduled EDR Contact: 09/24/2012
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

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

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

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 03/01/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 62

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: 09/10/2012
Data Release Frequency: Biennially

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: 02/28/2011
Date Data Arrived at EDR: 03/01/2011
Date Made Active in Reports: 03/28/2011
Number of Days to Update: 27

Source: Department of Natural Resources & Environment
Telephone: 517-373-9875
Last EDR Contact: 06/18/2012
Next Scheduled EDR Contact: 09/10/2012
Data Release Frequency: Quarterly

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: 05/16/2012
Date Data Arrived at EDR: 05/16/2012
Date Made Active in Reports: 05/23/2012
Number of Days to Update: 7

Source: Department of Natural Resources & Environment
Telephone: 517-241-1515
Last EDR Contact: 05/15/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Varies

DRYCLEANERS: Drycleaning Establishments

A listing of drycleaning facilities in Michigan.

Date of Government Version: 03/27/2012
Date Data Arrived at EDR: 03/28/2012
Date Made Active in Reports: 04/20/2012
Number of Days to Update: 23

Source: Department of Natural Resources & Environment
Telephone: 517-335-4586
Last EDR Contact: 04/23/2012
Next Scheduled EDR Contact: 08/06/2012
Data Release Frequency: Annually

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: 04/09/2012
Date Data Arrived at EDR: 04/09/2012
Date Made Active in Reports: 04/20/2012
Number of Days to Update: 11

Source: Department of Natural Resources & Environment
Telephone: 517-241-1300
Last EDR Contact: 04/09/2012
Next Scheduled EDR Contact: 07/23/2012
Data Release Frequency: Varies

AIRS: Permit and Emissions Inventory Data

Permit and emissions inventory data.

Date of Government Version: 03/29/2012
Date Data Arrived at EDR: 03/30/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 56

Source: Department of Natural Resources & Environment
Telephone: 517-373-7074
Last EDR Contact: 03/26/2012
Next Scheduled EDR Contact: 07/09/2012
Data Release Frequency: Varies

BEA: BASELINE ENVIRONMENTAL ASSESSMENT DATABASE

A Baseline Environmental Assessment (BEA) allows people to purchase or begin operating at a facility without being held liable for existing contamination. BEAs are used to gather enough information about the property being transferred so that existing contamination can be distinguished from any new releases that might occur after the new owner or operator takes over the property.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/23/2012
Date Data Arrived at EDR: 02/24/2012
Date Made Active in Reports: 03/26/2012
Number of Days to Update: 31

Source: Department of Natural Resources & Environment
Telephone: 517-373-9541
Last EDR Contact: 05/21/2012
Next Scheduled EDR Contact: 09/03/2012
Data Release Frequency: Semi-Annually

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: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/16/2012
Next Scheduled EDR Contact: 07/30/2012
Data Release Frequency: Semi-Annually

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: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 04/23/2012
Next Scheduled EDR Contact: 08/06/2012
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 04/16/2012
Next Scheduled EDR Contact: 07/30/2012
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites

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

Date of Government Version: 04/21/2011
Date Data Arrived at EDR: 04/21/2011
Date Made Active in Reports: 05/13/2011
Number of Days to Update: 22

Source: Department of Natural Resources & Environment
Telephone: 586-753-3754
Last EDR Contact: 04/09/2012
Next Scheduled EDR Contact: 07/23/2012
Data Release Frequency: Varies

2020 CORRECTIVE ACTION: 2020 Corrective Action Program List

This RCRA cleanup baseline includes facilities expected to need corrective action.

Date of Government Version: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/18/2012
Next Scheduled EDR Contact: 08/27/2012
Data Release Frequency: Varies

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/31/2012
Date Data Arrived at EDR: 05/17/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 28

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 05/15/2012
Next Scheduled EDR Contact: 08/27/2012
Data Release Frequency: Quarterly

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: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/12/2012
Next Scheduled EDR Contact: 09/24/2012
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: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 05/04/2012
Next Scheduled EDR Contact: 08/13/2012
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: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/16/2012
Next Scheduled EDR Contact: 07/30/2012
Data Release Frequency: N/A

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: 01/05/2011
Date Data Arrived at EDR: 01/07/2011
Date Made Active in Reports: 02/14/2011
Number of Days to Update: 38

Source: Department of Natural Resources & Environment
Telephone: 517-335-4034
Last EDR Contact: 04/02/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Varies

FINANCIAL ASSURANCE 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 01/17/2012
Date Data Arrived at EDR: 01/18/2012
Date Made Active in Reports: 02/10/2012
Number of Days to Update: 23

Source: Department of Natural Resources & Environment
Telephone: 517-335-6610
Last EDR Contact: 04/09/2012
Next Scheduled EDR Contact: 07/23/2012
Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

EDR Proprietary Records

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Manufactured Gas Plants: 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 Historical Auto Stations: EDR Proprietary Historic Gas 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.

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 Historical Cleaners: EDR Proprietary Historic Dry 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.

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

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: 05/21/2012
Date Data Arrived at EDR: 05/22/2012
Date Made Active in Reports: 05/31/2012
Number of Days to Update: 9

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/22/2012
Next Scheduled EDR Contact: 09/03/2012
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 07/20/2011
Date Made Active in Reports: 08/11/2011
Number of Days to Update: 22

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/17/2012
Next Scheduled EDR Contact: 07/30/2012
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: 05/01/2012
Date Data Arrived at EDR: 05/09/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/09/2012
Next Scheduled EDR Contact: 08/20/2012
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 04/27/2012
Date Made Active in Reports: 06/05/2012
Number of Days to Update: 39

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/23/2012
Next Scheduled EDR Contact: 08/06/2012
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 06/24/2011
Date Made Active in Reports: 06/30/2011
Number of Days to Update: 6

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/27/2012
Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/15/2011
Number of Days to Update: 27

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/18/2012
Next Scheduled EDR Contact: 10/01/2012
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: Rextag Strategies Corp.

Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory

Source: Department of Natural Resources

Telephone: 517-241-2254

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

FORMER DETROIT TUBULAR RIVOT PROPERTY
1213 GROVE STREET
WYANDOTTE, MI 48192

TARGET PROPERTY COORDINATES

Latitude (North):	42.1923 - 42° 11' 32.28"
Longitude (West):	83.1676 - 83° 10' 3.36"
Universal Transverse Mercator:	Zone 17
UTM X (Meters):	321016.8
UTM Y (Meters):	4673188.0
Elevation:	579 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	42083-B2 WYANDOTTE, MI
Most Recent Revision:	1981

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 principal 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).

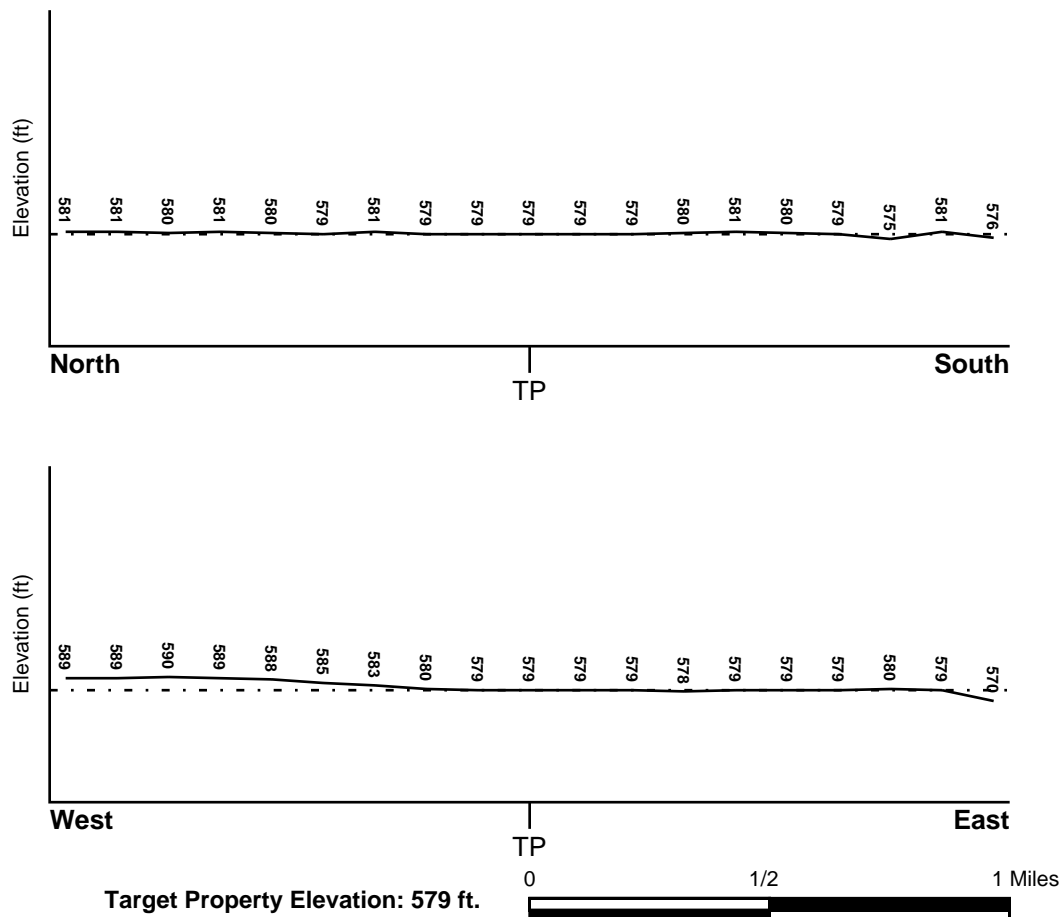
TOPOGRAPHIC INFORMATION

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

Target Property County
WAYNE, MI

FEMA Flood
Electronic Data
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 2602460001B - FEMA Q3 Flood data

Additional Panels in search area:
2602420005B - FEMA Q3 Flood data
2602270005B - FEMA Q3 Flood data
2602400005C - FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
WYANDOTTE

NWI Electronic
Data Coverage
YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
1	1/2 - 1 Mile SE	Not Reported

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era: Paleozoic
System: 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: HOYTVILLE

Soil Surface Texture: clay

Hydrologic Group: Class C/D - Drained/undrained hydrology class of soils that can be drained and classified.

Soil Drainage Class: Very poorly. Soils are wet to the surface most of the time. Depth to water table is less than 1 foot, or is ponded.

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							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.60 Min: 0.20	Max: 7.30 Min: 6.10
2	9 inches	52 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.60 Min: 0.20	Max: 7.80 Min: 6.10
3	52 inches	60 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.20 Min: 0.06	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: silt loam
clay loam
sandy clay loam
loam

Surficial Soil Types: silt loam
clay loam
sandy clay loam
loam

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: silty clay
silty clay loam
clay loam
stratified

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.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
2	USGS2309095	1/2 - 1 Mile SE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

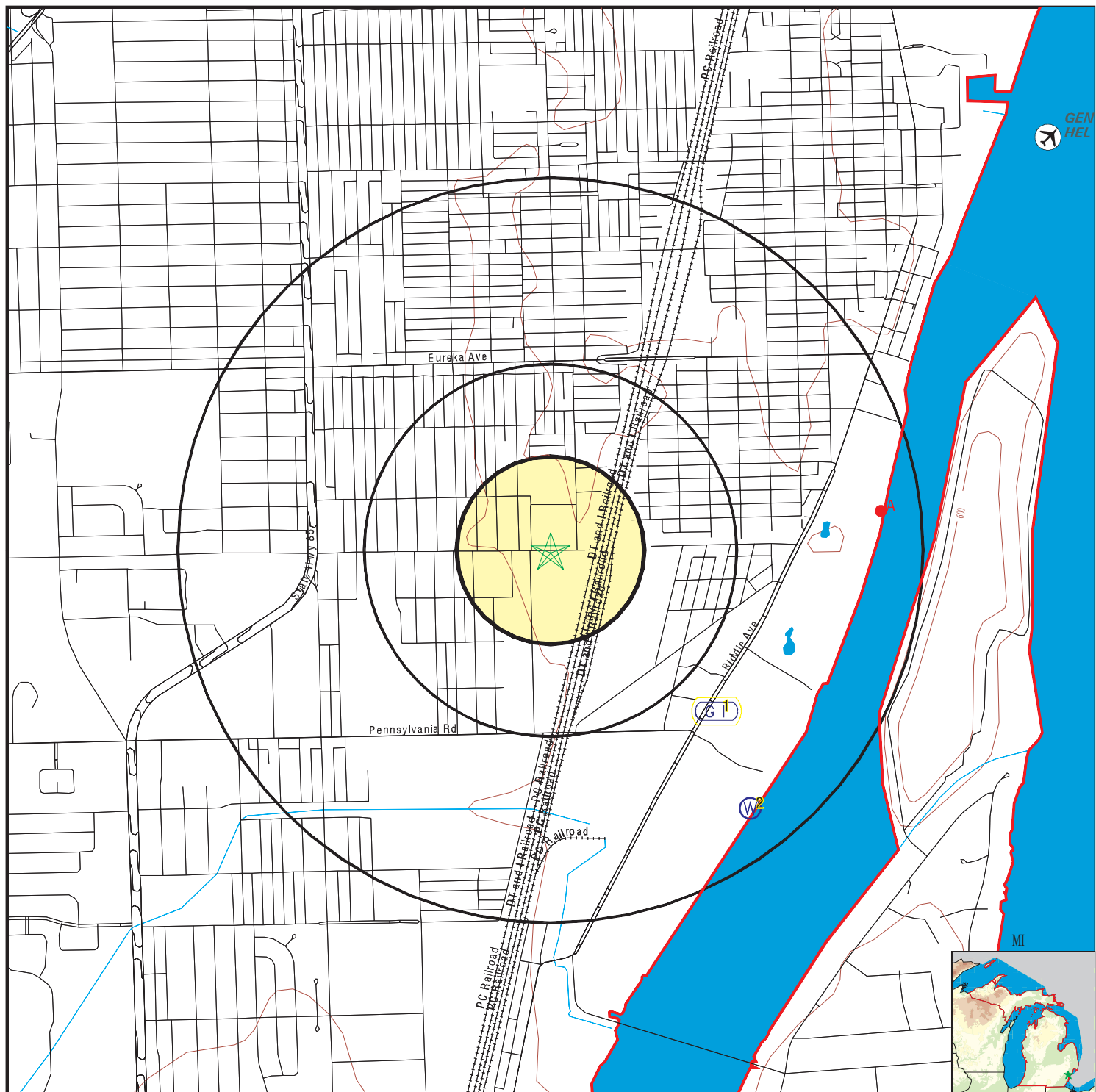
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	MIOG70000003778	1/2 - 1 Mile East
A2	MIOG70000003776	1/2 - 1 Mile East

PHYSICAL SETTING SOURCE MAP - 3348062.2s



- 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
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: Former Detroit Tubular Rivot Property
 ADDRESS: 1213 Grove Street
 Wyandotte MI 48192
 LAT/LONG: 42.1923 / 83.1676

CLIENT: TTL Associates, Inc
 CONTACT: Marcia H. Lim
 INQUIRY #: 3348062.2s
 DATE: June 19, 2012 2:58 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
SE
1/2 - 1 Mile
Lower

Site ID: 820354
Groundwater Flow: Not Reported
Shallowest Water Table Depth: Not Reported
Deepest Water Table Depth: 1.95
Average Water Table Depth: Not Reported
Date: 09/06/1996

AQUIFLOW 35190

2
SE
1/2 - 1 Mile
Lower

FED USGS USGS2309095

Agency cd:	USGS	Site no:	421056083092601
Site name:	WAYNE CO (PENNWALT, P2)	EDR Site id:	USGS2309095
Latitude:	421056	Dec lat:	42.18226265
Longitude:	0830926	Coor meth:	M
Dec lon:	-83.15714653	Latlong datum:	NAD27
Coor accr:	M	District:	26
Dec latlong datum:	NAD83	County:	163
State:	26	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	Not Reported		
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	Not Reported		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	442604500		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1987-07-14
Water quality data end date:	1987-07-14	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

A1
East
1/2 - 1 Mile

OIL_GAS MIOG70000003778

Api wellno:	21163274300000		
Operator no:	4374		
Operator Name:	WYANDOTTE CHEMICALS CORP		
Operator Status:	Inactive-no active wells at present		
Operator City:	WYANDOTTE	Operator State:	MI
Permit no:	27430		
Lease name:	WYANDOTTE CHEMICALS CORP. (SOUTH WORKS)		
Well no:	STG 2		
Deepest fmt:	BILD	Obj fmtn:	Not Reported
Drillerstd:	1320	Truetd:	0
County:	WAYNE	Slant:	V
Well type:	Other Injection	Well status:	Plugging Approved
Source loc:	C	Wh sec:	33
Wh twpn:	3	Wh twpd:	S
Wh rngn:	11	Wh rngd:	E
Wh qq:	SW	Wh qq:	SW
Wh q:	NW		
Wh lat:	42.19402		
Wh long:	-83.15041		
Wh georef :	735145.76		
Wh georef1:	186665.88		
Bh georef :	735145.76		
Bh georef1:	186665.88		
Bh sourcel:	C		
Bh lat:	42.19402		
Bh long:	-83.15041		
Site id:	MIOG70000003778		

A2
East
1/2 - 1 Mile

OIL_GAS MIOG70000003776

Api wellno:	21163274290000		
Operator no:	4374		
Operator Name:	WYANDOTTE CHEMICALS CORP		
Operator Status:	Inactive-no active wells at present		
Operator City:	WYANDOTTE	Operator State:	MI
Permit no:	27429		
Lease name:	WYANDOTTE CHEMICALS CORP (SOUTH WORKS)		
Well no:	1		
Deepest fmt:	SLIN	Obj fmtn:	SLIN
Drillerstd:	1310	Truetd:	0
County:	WAYNE	Slant:	V
Well type:	Dry Hole	Well status:	Plugging Approved
Source loc:	C	Wh sec:	33
Wh twpn:	3	Wh twpd:	S

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Wh rngn:	11	Wh rngd:	E
Wh qq:	W2	Wh qq:	SW
Wh q:	NW		
Wh lat:	42.19364		
Wh long:	-83.15023		
Wh georef :	735162.62		
Wh georef1:	186624.25		
Bh georef :	735162.62		
Bh georef1:	186624.25		
Bh source:	C		
Bh lat:	42.19364		
Bh long:	-83.15023		
Site id:	MIOG70000003776		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: MI Radon

Radon Test Results

Zipcode	Test Date	LT Sign	Result
48192	2/6/1997		1.3
48192	2/13/2001		1.3
48192	2/10/2009		1.1
48192	11/2/2009		1.0
48192	11/15/2001		1.8
48192	3/19/2005	<	0.3
48192	1/19/2004		0.7
48192	2/24/2007		0.7
48192	1/30/2001		0.9
48192	10/16/2007		2.5
48192	11/17/2007		3.0
48192	10/30/2008		2.6
48192	3/24/2004		3.1
48192	3/10/2003		1.6

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: 48192

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.900 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.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 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 Services

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 Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Data

Source: Department of Environmental Quality

Telephone: 517-335-9218

The data in this file was obtained from Wellogis, the Michigan Department of Environmental Quality Statewide Groundwater Database (SGWD). Wellogis contains approximately 425,000 water well records found within the State of Michigan, and although it represents the best available data, it cannot be considered a complete database of all the wells or well records in existence.

OTHER STATE DATABASE INFORMATION

Michigan Oil and Gas Wells

Source: Department of Environmental Quality

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

STREET AND ADDRESS INFORMATION

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WYANDOTTE, CITY OF
1150 AND 1168 GROVE STREET
WYANDOTTE, MI

Inquiry Number:
July 20, 2012

EDR Site Report™

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Summary of facility filings including a review of the following areas: waste management, waste disposal, multi-media issues, and Superfund liability.

Section 2: Facility Detail Reports Page 4

All available detailed information from databases where sites are identified.

Section 3: Databases and Update Information. Page 5

Name, source, update dates, contact phone number and description of each of the databases for this report.

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with any questions or comments.

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SECTION 1: FACILITY SUMMARY

FACILITY	FACILITY 1
AREA	WYANDOTTE, CITY OF 1150 AND 1168 GROVE STREET WYANDOTTE, MI EDR ID #S104912553
WASTE MANAGEMENT Facility generates hazardous waste (RCRA)	NO
Facility treats, stores, or disposes of hazardous waste on-site (RCRA/TSD)	NO
Facility has received Notices of Violations (RCRA/VIOL)	NO
Facility has been subject to RCRA administrative actions (RAATS)	NO
Facility has been subject to corrective actions (CORRACTS)	NO
Facility handles PCBs (PADS)	NO
Facility uses radioactive materials (MLTS)	NO
Facility manages registered aboveground storage tanks (AST)	NO
Facility manages registered underground storage tanks (UST)	NO
Facility has reported leaking underground storage tank incidents (LUST)	NO
Facility has reported emergency releases to the soil (ERNS)	NO
Facility has reported hazardous material incidents to DOT (HMIRS)	NO
WASTE DISPOSAL Facility is a Superfund Site (NPL)	NO
Facility has a known or suspect abandoned, inactive or uncontrolled hazardous waste site (CERCLIS)	NO
Facility has a reported Superfund Lien on it (LIENS)	NO
Facility is listed as a state hazardous waste site (SHWS)	NO
Facility has disposed of solid waste on-site (SWF/LF)	NO
MULTIMEDIA Facility uses toxic chemicals and has notified EPA under SARA Title III, Section 313 (TRIS)	NO
Facility produces pesticides and has notified EPA under Section 7 of FIFRA (SSTS)	NO
Facility manufactures or imports toxic chemicals on the TSCA list (TSCA)	NO
Facility has inspections under FIFRA, TSCA or EPCRA (FTTS)	NO
Facility is listed in EPA's index system (FINDS)	NO
Facility is listed in a county/local unique database (LOCAL)	YES - p4
POTENTIAL SUPERFUND LIABILITY Facility has a list of potentially responsible parties PRP	NO
TOTAL (YES)	1

SECTION 2: FACILITY DETAIL REPORTS

MULTIMEDIA

Facility is listed in a county/local unique database

DATABASE: State/County (LOCAL)

WYANDOTTE, CITY OF
1150 AND 1168 GROVE STREET
WYANDOTTE, MI
EDR ID #S104912553

BEA:

Secondary Address:	Not reported
BEA Number:	1205
District:	Southeast MI
Date Received:	09/01/2000
Submitter Name:	CITY OF WYANDOTTE
Petition Determination:	No Request
Petition Disclosure:	0
Category:	Same Hazardous Substance(s)
Determination 20107A:	No Request
Reviewer:	temppm
Division Assigned:	Environmental Response Division

SECTION 3: DATABASES AND UPDATE DATES

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

Elapsed ASTM days: Provides confirmation that this report meets or exceeds the 90-day updating requirement of the ASTM standard.

DATABASES FOUND IN THIS REPORT

MI BEA: BASELINE ENVIRONMENTAL ASSESSMENT DATABASE

Source: Department of Natural Resources & Environment

Telephone: 517-373-9541

A Baseline Environmental Assessment (BEA) allows people to purchase or begin operating at a facility without being held liable for existing contamination. BEAs are used to gather enough information about the property being transferred so that existing contamination can be distinguished from any new releases that might occur after the new owner or operator takes over the property.

Date of Government Version: 05/25/2012
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/21/2012
Date of Next Scheduled Update: 09/03/2012

CITY OF WYANDOTTE

**LOTS 25 & 26 ON 13TH ST (NEAR GROVE)
WYANDOTTE, MI**

Inquiry Number:
July 20, 2012

EDR Site Report™

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Name, source, update dates, contact phone number and description of each of the databases for this report.

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SECTION 1: FACILITY SUMMARY

FACILITY	FACILITY 1
AREA	CITY OF WYANDOTTE LOTS 25 & 26 ON 13TH ST (NEAR GROVE) WYANDOTTE, MI EDR ID #S110300818
WASTE MANAGEMENT Facility generates hazardous waste (RCRA)	NO
Facility treats, stores, or disposes of hazardous waste on-site (RCRA/TSD)	NO
Facility has received Notices of Violations (RCRA/VIOL)	NO
Facility has been subject to RCRA administrative actions (RAATS)	NO
Facility has been subject to corrective actions (CORRACTS)	NO
Facility handles PCBs (PADS)	NO
Facility uses radioactive materials (MLTS)	NO
Facility manages registered aboveground storage tanks (AST)	NO
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Facility has a known or suspect abandoned, inactive or uncontrolled hazardous waste site (CERCLIS)	NO
Facility has a reported Superfund Lien on it (LIENS)	NO
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Facility has disposed of solid waste on-site (SWF/LF)	NO
MULTIMEDIA Facility uses toxic chemicals and has notified EPA under SARA Title III, Section 313 (TRIS)	NO
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Facility is listed in EPA's index system (FINDS)	NO
Facility is listed in a county/local unique database (LOCAL)	YES - p4
POTENTIAL SUPERFUND LIABILITY Facility has a list of potentially responsible parties PRP	NO
TOTAL (YES)	1

SECTION 2: FACILITY DETAIL REPORTS

MULTIMEDIA

Facility is listed in a county/local unique database

DATABASE: State/County (LOCAL)

CITY OF WYANDOTTE
LOTS 25 & 26 ON 13TH ST (NEAR GROVE)
WYANDOTTE, MI
EDR ID #S110300818

BEA:

Secondary Address:	WYANDOTTE INDUSTRIAL SUBDIVISION NO. 1
BEA Number:	143
District:	Southeast MI
Date Received:	07/29/1996
Submitter Name:	PETER MCINERNEY
Petition Determination:	No Request
Petition Disclosure:	0
Category:	No Hazardous Substance(s)
Determination 20107A:	No Request
Reviewer:	temppm
Division Assigned:	Environmental Response Division

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Telephone: 517-373-9541

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Date of Government Version: 05/25/2012
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/21/2012
Date of Next Scheduled Update: 09/03/2012

WYANDOTTE INDUSTRIAL SUBDIVISION
LOTS ON 13TH STREET & GROVE STREET
WYANDOTTE, MI 48192

Inquiry Number:
July 20, 2012

EDR Site Report™

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with any questions or comments.

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SECTION 1: FACILITY SUMMARY

FACILITY	FACILITY 1
AREA	WYANDOTTE INDUSTRIAL SUBDIVISION #1 LOTS ON 13TH STREET & GROVE STREET WYANDOTTE, MI 48192 EDR ID #S110300954
WASTE MANAGEMENT Facility generates hazardous waste (RCRA)	NO
Facility treats, stores, or disposes of hazardous waste on-site (RCRA/TSD)	NO
Facility has received Notices of Violations (RCRA/VIOL)	NO
Facility has been subject to RCRA administrative actions (RAATS)	NO
Facility has been subject to corrective actions (CORRACTS)	NO
Facility handles PCBs (PADS)	NO
Facility uses radioactive materials (MLTS)	NO
Facility manages registered aboveground storage tanks (AST)	NO
Facility manages registered underground storage tanks (UST)	NO
Facility has reported leaking underground storage tank incidents (LUST)	NO
Facility has reported emergency releases to the soil (ERNS)	NO
Facility has reported hazardous material incidents to DOT (HMIRS)	NO
WASTE DISPOSAL Facility is a Superfund Site (NPL)	NO
Facility has a known or suspect abandoned, inactive or uncontrolled hazardous waste site (CERCLIS)	NO
Facility has a reported Superfund Lien on it (LIENS)	NO
Facility is listed as a state hazardous waste site (SHWS)	NO
Facility has disposed of solid waste on-site (SWF/LF)	NO
MULTIMEDIA Facility uses toxic chemicals and has notified EPA under SARA Title III, Section 313 (TRIS)	NO
Facility produces pesticides and has notified EPA under Section 7 of FIFRA (SSTS)	NO
Facility manufactures or imports toxic chemicals on the TSCA list (TSCA)	NO
Facility has inspections under FIFRA, TSCA or EPCRA (FTTS)	NO
Facility is listed in EPA's index system (FINDS)	NO
Facility is listed in a county/local unique database (LOCAL)	YES - p4
POTENTIAL SUPERFUND LIABILITY Facility has a list of potentially responsible parties PRP	NO
TOTAL (YES)	1

SECTION 2: FACILITY DETAIL REPORTS

MULTIMEDIA

Facility is listed in a county/local unique database

DATABASE: State/County (LOCAL)

WYANDOTTE INDUSTRIAL SUBDIVISION #1
LOTS ON 13TH STREET & GROVE STREET
WYANDOTTE, MI 48192
EDR ID #S110300954

BEA:

Secondary Address: (LOTS 25 AND 26)
BEA Number: 2725
District: Southeast MI
Date Received: 03/22/2005
Submitter Name: THOMAS STANKO
Petition Determination: No Request
Petition Disclosure: 0
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: vensb
Division Assigned: Environmental Response Division

SECTION 3: DATABASES AND UPDATE DATES

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

Elapsed ASTM days: Provides confirmation that this report meets or exceeds the 90-day updating requirement of the ASTM standard.

DATABASES FOUND IN THIS REPORT

MI BEA: BASELINE ENVIRONMENTAL ASSESSMENT DATABASE

Source: Department of Natural Resources & Environment

Telephone: 517-373-9541

A Baseline Environmental Assessment (BEA) allows people to purchase or begin operating at a facility without being held liable for existing contamination. BEAs are used to gather enough information about the property being transferred so that existing contamination can be distinguished from any new releases that might occur after the new owner or operator takes over the property.

Date of Government Version: 05/25/2012
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/21/2012
Date of Next Scheduled Update: 09/03/2012

APPENDIX H
TTL TEAM RESUMES



Marcia H. Lim, B. Eng, P. Eng **Associate Environmental Engineer**

Professional Qualifications

Ms. Lim joined the TTL organization in 2002. Her background consists of environmental consulting experience including, but not limited to project management and field experience related to Phase I, II & III environmental site assessments (ESAs), groundwater monitoring, remediation activities and property condition assessments (PCAs). Additional experience includes subcontractor oversight, environmental health and safety, indoor air quality (IAQ) investigations, asbestos building inspections, technical proposal writing, above ground storage tank (AST) and underground storage tank (UST) code compliance and/or decommissioning, pavement evaluations, concrete and materials testing, and geotechnical soil investigation.

Project Experience

- **Property Condition Assessments & Phase I Environmental Assessments**
Various Clients, Various Locations in Michigan, Ohio, Illinois, Indiana
As Project Manager, performed and managed 100+ Property Condition Assessments and Environmental Site Assessments of residential, manufacturing, commercial and industrial sites in accordance with ASTM and client standards.
- **Environmental Health & Oversight**
GEO-CON, Inc., Former GM Spring & Bumper Facility, Livonia, Michigan
As Project Engineer provided environmental health and safety oversight for the installation of a slurry cut-off wall, constructed as a barrier to impede groundwater flow for underground contaminant containment.
- **Oversight for Decommissioning of UST Systems**
Ohio Turnpike Commission, Blue Heron and Wyandot Service Plazas, Woodville, Ohio
As Field Engineer provided environmental and subcontractor oversight for decommissioning activities of underground storage tank (UST) systems.
- **Abandonment of Groundwater Monitoring Wells**
United States Steel, National Steel and Praxair, Ecorse, Michigan
As Field Engineer supervised the abandonment of groundwater monitoring wells in an industrial environment. Managed and performed quarterly groundwater sampling program to assess the extent of petroleum hydrocarbon impact at various locations in an industrial setting.
- **Phase I & Phase II Environmental Site Assessments**
CVS/pharmacy, Various Locations in Michigan, Ohio, Illinois & West Virginia
As Project Engineer completed numerous Phase I and II ESAs and BEAs. Supervisor of field activities including soil and groundwater remediation, soil borings, bedrock drilling, soil and groundwater sampling, selecting boring locations, logging soil lithology, and field screening of soil samples.

Education

- Bachelors of Engineering, Environmental Engineering, Carleton University (Ottawa Canada), 2000

TTL Office Location:
44265 Plymouth Oaks Blvd., Plymouth, Michigan 48170
Phone: (734) 455-8600 Fax: (734) 455-8608



Marcia H. Lim, B. Eng, P. Eng
Associate Environmental Engineer

Specialized Training & Skills

- Occupational Safety & Health Administration 40-hour HAZWOPER, 2002, annual refresher
- Michigan Association of Environmental Professionals (MAEP), Associate, 2003-2005
- WHIMIS Training, June 2000
- Water Treatment Operator I, September 1999
- AutoCad & Gint (Borehole & Test Pit Log Creation Program
- Unisettle, Visual Modflow and HELP Model modeling software

Affiliations

- Professional Engineers Ontario (PEO), Professional Engineer (P.Eng.), 2006-present



Steven J. Gach, P.E. Senior Engineer

Professional Qualifications

Mr. Gach joined the TTL organization in 1996. His background consists of experience in engineering and project management. He has diverse experience in conducting multi-phased environmental assessments, UST investigations and site closures. He has performed successful management of multi-disciplinary project teams (subcontractors and professionals) to cover all project facets.

Project Experience

- **Multiple Phase I/II Environmental Site Assessments, Various Clients**

As Project Manager implemented scores of Phase I and II ESAs in Michigan, Indiana and Illinois (including) for: the General Services Administration; County of Wayne (Michigan); Monroe County (Michigan); Berlin Township (Michigan); Blissfield Township (Michigan); City of Adrian (Michigan); Downriver Community Conference Brownfield Consortium (DCCBC), KeyBank; NBD Bank; Comerica Bank; Old Kent Bank; Massachusetts Mutual Life Insurance Company; Sears, Roebuck and Co.; Lowe's; Rite Aid Corporation; CVS; Little Caesars; Wendy's; Tim Hortons; Taco Bell, etc. Included all aspects of project performance and/or management

- **Baseline Environmental Site Assessments (BEAs), Various Clients**

As Project Manager completed numerous BEAs for various commercial, industrial and municipal clients, including Sears, Roebuck and Co., Little Caesars, CVS; the City of Warren, Macomb Community College; DCT; and the City of Adrian.

- **Section 7a Compliance Analyses (Due Care Plans), Various Clients**

As project manager completed numerous Due Care Plans for various clients, including: CVS; Kelley, Casey & Clarke; Seyburn, Kahn, et al; MotorCity Casino; and DCT.

- **Spill Prevention Control and Countermeasure (SPCC) Plans, Various Clients**

As Project Manager investigated above ground storage tanks associated with 26 FAA emergency generator facilities, 20 ODOT facilities and other projects. Evaluated potential petroleum release and vicinity drainage scenarios, prepared/certified dozens of SPCC Plans. Projects included locations throughout Michigan and Ohio.

- **Vapor Intrusion Assessment, Active County Jail (Michigan)**

As Project Manager, designed and implemented project including installation of sub-slab vapor probes, indoor and outdoor air monitoring, helium leak detection system, site-specific criteria, data assessment and reporting.

Education

- B.S.E., Environmental Sciences Engineering, University of Michigan
- M.S.E., Environmental Engineering, University of Michigan



Steven J. Gach, P.E.
Senior Engineer

Specialized Training & Skills

- Professional Engineer, States of Michigan and Ohio
- Certified Underground Storage Tank Professional, State of Michigan
- OSHA 29 CFR 1910.120 – Hazardous Waste Operations and Emergency Response, 1990 (and refresher courses)
- OSHA 29 CFR 1910.120 – 8-Hour Supervisor Training Course
- Advanced Tools for In-Situ Remediation
- Brownfield Redevelopment

Affiliations

- American Society of Civil Engineers
- National/Michigan Societies of Professional Engineers
- Michigan Association of Environmental Professionals
- Engineering Society of Detroit

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Robin J. Clark **Principal Scientist**

Professional Qualifications

Mr. Clark joined the TTL organization in 1997. His background consists of experience as a hydrogeologist, project manager, group manager and account program manager experience. He is currently the TTL Technical Service Director for Environmental Services and is experienced in the investigation and remediation of a wide variety of contaminants in diverse hydrogeologic settings. Rob has working experience and utilization of state brownfields programs to provide business recommendations and manage client risks.

Project Experience

- **NEPA Environmental Assessments & Phase I Environmental Site Assessments**

U.S. Department of Veterans Administration (Various Locations)

TTL has completed Phase I ESAs in accordance with ASTM 1527-05 and the US EPA. All Appropriate Inquiry requirements and identified no recognized environmental conditions (RECs) in connection with the sites. TTL has completed the EA and Finding of No Significant Impact (FONSI) in accordance with NEPA, 38 CFR Part 26 and the VA Environmental Compliance Manual.

- **Phase I and Phase II ESAs and Environmental Document Review**

Various Clients, Various Locations

TTL Project Manager for the completion of a various Phase I ESAs and Phase II ESAs for multiple clients. The Phase I ESA research identifies historic business(es) on-site and in the site vicinity of potential environmental concern, including gasoline stations, automobile repair operations, dry cleaners, etc. The Phase II ESAs are designed to assess for possible site impacts associated with these historic operations. TTL's task for these projects includes the review of US EPA's reports, including the Remedial Investigation, Feasibility Study and Record of Decision, to assess the contamination specifically associated with the site and its impact on the proposed development.

- **Site Development Services**

CVS Pharmacy, Eastern United States

Program Manager for multi-disciplined team of environmental, geotechnical, civil engineering, remediation and construction professionals to assist CVS with acquisition, development and divestment of more than 500 sites in a 12-state area. Program managed Phase I and Phase II due diligence projects to ensure the special assessment needs of the client that functions as both buyer and seller of properties, were met. Participated in negotiations between buyers, seller, environmental and real estate attorneys, and regulatory agencies to promote cost-effective, fast-paced redevelopment of impacted properties, while achieving "no further action" letters from regulatory agencies.

- **Brownfield Site Assessments**

Downriver Area Brownfield Consortium, Southeast Michigan

TTL Program Manager for a U.S. EPA funded \$200,000 Brownfield Site Assessment Grant was awarded to The Downriver Area Brownfield Consortium, a group of 12 Southeast Michigan communities. Worked with the communities to identify and assess Brownfield sites for redevelopment. Prepared and/or reviewed a grant-specific Quality Assurance Project Plan that was reviewed and approved by U.S. EPA, Phase I ESAs, site specific sampling and analysis plans approved by the U.S. EPA, Phase II ESAs, Baseline Environmental Assessments and Due Care Plans.

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Phone: (734) 455-8600

Fax: (734) 455-8608



Robin J. Clark **Principal Scientist**

Met with communities to identify potential Brownfield sites, participated in monthly DABC meetings to review the status of active and pending projects, and prepared quarterly progress reports for submittal to the U.S. EPA.

Education

- B.S., Aquatic Environments, Allegheny College, 1985

Specialized Training & Skills

- OSHA 40-Hour HAZWOPER, 1986, Annual Refreshers
- Groundwater Modeling
- Underground Storage Tanks
- Risk-based Corrective Action
- Baseline Environmental Assessments
- Hydrogeologist
- Environmental Site Assessments - Phase I & II
- Due Diligence

Affiliations

- Certified Underground Storage Tank Professional, State of Michigan
- Ohio Environmental Protection Agency Voluntary Action Program Certified Professional
- National Registry of Environmental Professionals, Registered Environmental Property Assessor