
St. Joseph, MO Brownfield Sites Targeted Brownfields Assessment FINAL - Phase I Environmental Site Assessment Report

302 South 5th Site



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EXECUTIVE SUMMARY

Environment International Government Ltd. (EIGov) was tasked by the U.S. Environmental Protection Agency (EPA) Region 7 Superfund Division to conduct a Phase I Targeted Brownfields Assessment (TBA) of 302 South 5th Street in St. Joseph, Missouri. The site is a 0.64-acre property owned by Roberts Dairy Company, located on the western edge of downtown St. Joseph. EPA Region 7 provided TBA services to The City of St. Joseph (city) for assessment of an area that is targeted for redevelopment. EIGov and team subcontractor Seagull Environmental Technologies Inc. (Seagull) conducted this Phase I TBA in accordance with the *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, American Society for Testing and Materials (ASTM) designation E 1527-05, and otherwise in compliance with EPA's "All Appropriate Inquiries" Rule ("AAI Rule") (40 *Code of Federal Regulations* [CFR] Part 312). The purpose of the Phase I TBA is to identify recognized environmental conditions (REC) at the site, and to identify the nature of contamination and the risks posed by the contamination, if present.

The subject property is primarily used by Roberts Dairy as a truck parking lot, and is approximately 200-feet long by 150-feet wide. A freezer house and loading dock are centrally located at the site, and metal fences that contain electrical outlets for connection to refrigeration trucks run along its eastern and southern boundaries. Most of the property is covered by asphalt and gravel.

The following significant findings were identified from records review, interviews, or site reconnaissance:

- Sanborn® maps identified a coal yard and filling station that were previously located on the subject property. These former facilities could be potential sources of contamination. The likelihood of release of hazardous materials or wastes from these facilities, as well as from neighboring commercial and industrial facilities, pose RECs to the subject property.
- The Environmental Data Resources (EDR) environmental database search identified numerous listed facilities within the ASTM-recommended search distances from the subject property. Two leaking underground storage tank (LUST) sites were identified near (and upgradient of) the subject property. Those sites are the Hiland Dairy Division site, located at 221 S. 5th Street, and the Central Fire Station site, located at 401 S. 7th Street. The database listings indicate releases at those sites impacted soil

and groundwater. The database listings also indicate the Missouri Department of Natural Resources (MDNR) considers both sites closed (no further action). However, based on their upgradient proximity to the site, the Hiland Dairy Division and Central Fire Station sites pose historical RECs to the subject property.

Based on the findings above, the project team recommends the following:

- A Phase II TBA of the subject property should be performed. Soil and groundwater samples should be collected and analyzed for contaminants commonly associated with filling stations and coal yards, as well as other historical commercial/industrial operations. Samples should be analyzed for volatile organic compounds, semi-volatile organic compounds, total petroleum hydrocarbons, and metals.

1.0 INTRODUCTION

Environment International Government Ltd. (EIGov) was tasked by the U.S. Environmental Protection Agency (EPA) Region 7 to conduct a Phase I Targeted Brownfields Assessment (TBA) of a 0.64-acre property located at 302 South 5th Street in downtown St. Joseph, Missouri. The property is currently owned by Roberts Dairy. The identified property will hereafter be designated as the “subject property” or “site”. EPA Region 7 provided TBA services to the city for assessment of an area that is targeted for redevelopment.

EIGov Seagull conducted this Phase I TBA of the property in accordance with the *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, American Society for Testing and Materials (ASTM) designation E 1527-05, and otherwise in compliance with EPA’s “All Appropriate Inquiries” Rule (AAI Rule) (40 Code of Federal Regulations [CFR] Part 312). For the purpose of this Phase I TBA, the *users* are defined as the EPA and the City of St. Joseph (Section 3.2.93, ASTM 2005). EPA tasked EIGov to conduct a Phase I TBA of the site to identify recognized environmental conditions (REC) associated with the property and to identify the nature of contamination and the risks posed by the contamination, if present. A certification statement provided by the site assessor and Environmental Professional overseeing the Phase I work is provided in Section 9 of this report.

1.1 Purpose

The goal of this Phase I TBA is to identify RECs at the site. RECs are the presence or likely presence of any hazardous substances or petroleum products on a site under conditions that indicate an existing release, a past release, or a material threat of release of any hazardous substances or petroleum products into structures on the site or into the ground, groundwater, or surface water of the 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 generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies (Section 1.1.1 E 1527-05, ASTM 2005). Historical Recognized Environmental Conditions (HREC) are environmental conditions that in

the past would have been considered RECs, but that may or may not be considered RECs currently (Section 3.2.39 E 1527-05, ASTM 2005).

This Phase I TBA is intended to satisfy one of the requirements for the innocent landowner defense, the contiguous property exemption, and the bona fide prospective purchaser exemption to Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) liability: that is, the practices that constitute “all appropriate inquiry into the previous ownership and uses of the site consistent with good customary practice,” as defined in 42 U.S. Code Section 9601 (35)(B).

1.2 Scope of Work

EPA developed a Statement of Work for Phase I TBA activities to be performed at the site. The scope of work (SOW), based on ASTM designation E 1527-05 (see Appendix A), was to identify RECs at the site. Phase I Environmental Site Assessments (ESA) (referred to as a Phase I TBA in this report) typically are conducted in a four-phase process, including: (1) records review; (2) site reconnaissance; (3) interviews with current and previous owners and occupants of the site, adjacent property owners and occupants, and local government agencies; and (4) preparation of a report. Section 10.0 lists sources referenced during this investigation.

Any items listed in the ASTM standard that this report does not specifically identify as present can be assumed not present within the site or within such distance to the site as to be of potential concern to the site. Any item mentioned but not specifically identified as a REC can be assumed not to constitute a REC.

1.3 Significant Assumptions

The following are beyond the scope of this evaluation: sampling and analysis for radon, and lead in water, soil, and groundwater; evaluations of air quality, regulatory compliance, industrial hygiene, and noise impacts; identification of wetlands; and identification of geological or geotechnical hazards.

1.4 Deviations

No deviations were noted from ASTM E 1527-05 or the EPA SOW for this Phase I TBA. Section 7.1 in this report provides a data gap analysis for this Phase I TBA.

1.5 Limitations and Exceptions

This report was based partially on information supplied to the project team from outside sources and on other information available in the public domain. The conclusions and opinions reported herein are based on information obtained in compiling the report. The project team makes no warranty as to the accuracy of statements made by others which may be contained in the report, nor are any other warranties or guarantees, expressed or implied, included or intended by the report except that it has been prepared in accordance with the current generally accepted practices and standards consistent with the level of care and skill exercised under similar circumstances by other professional consultants or firms performing the same or similar services. Because the facts forming the basis for the report are subject to professional interpretation, different conclusions could be reached. The project team does not assume responsibility for the discovery and elimination of hazards that could possibly cause accidents, injuries, or damage. Compliance with submitted recommendations or suggestions does not assure elimination of hazards or the fulfillment of the client's obligations under local, state, or federal laws or any modifications or changes to such laws. None of the work performed hereunder shall constitute or be represented as a legal opinion of any kind or nature, but shall be a representation of findings of fact from records examined.

1.6 Special Terms and Conditions

There were no special terms or conditions for the Phase I TBA.

1.7 Statement of User Reliance

The project team is not required to verify independently the information provided to it by the user or gathered throughout the course of this Phase I TBA. For this Phase I TBA, the project team

may rely on information provided unless actual knowledge is possessed that certain information is incorrect, based either on information obtained during the Phase I TBA, or otherwise actually known by the person preparing this report.

2.0 SITE DESCRIPTION

This section provides a brief description of the site and the physical setting based on information obtained from EPA Region 7, the City of St. Joseph, and a records review conducted prior to the site reconnaissance. Observations made during the site reconnaissance regarding current land use of the site and adjoining facilities are provided in Section 5.

2.1 Site Location and Legal Description

The site is located on the western edge of downtown St. Joseph, Buchanan County, Missouri. The site address is 302 South 5th Street. The site is accessed and bordered by South 5th Street and Charles Street.

The site is included on the St. Joseph North, Missouri, U.S. Geological Survey (USGS) 7.5-minute topographic series map (USGS 1997) (see Appendix B, Figure 1). The site is located in the southwest quarter of Section 8, Township 57 North, Range 35 West. The coordinates for the approximate center of the site are 39.764566 degrees north latitude and 94.854453 degrees west longitude.

According to the Buchanan County Assessor's office, the parcel identification number for the site is 06-3.0-08-003-002-056.000 (Buchanan County [BC] 2009). Appendix C contains property information from the Buchanan County Assessor's office.

2.1.1 Physical Setting

The site is located on the western edge of downtown St. Joseph. The eastern portion of the subject property is paved with asphalt and partially covered with gravel. The western-central portion of the subject property contains a 3-foot high loading dock measuring approximately 143 feet long by 33 feet wide. A small freezer building approximately 380 square feet in size is

located on the southern end of the loading dock. The western portion of the subject property is paved with concrete and asphalt.

2.1.1.1 *Physiographic Conditions*

Based on a 1997 topographic map, the site is approximately 834 feet above mean sea level (amsl). The topographic gradient at the site is to the south-southwest.

2.1.1.2 *Geology, Hydrogeology, and Hydrology*

The site is located in Buchanan County in northwest Missouri. The site predominantly contains urban land, bottomland soils (U.S. Department of Agriculture [USDA] 2009). Urban land soils have generally been modified by disturbance of the natural layers. The subject property is located between the Missouri and Mississippi River Alluvium and Northwestern Missouri Groundwater Provinces. The site lies at the boundary of the Missouri River's 500-year floodplain. Geology in the region is generally characterized by unconsolidated alluvial deposits that overlie Pennsylvanian-aged bedrock of the Lansing Group, which consists primarily of limestone and shale (Missouri Department of Natural Resources [MDNR] 2009).

Environmental Data Resources (EDR) searched database listings for properties within 1 mile of the site and extracted no data on groundwater flow and velocity (EDR 2009a). Groundwater in the site area is likely to flow southwest-west (following the topographic gradient) towards the Missouri River. Depth to groundwater in the site area is anticipated to range from 20 to 30 feet below ground surface (bgs). Based on information provided by EDR, a search of federal and state water well databases determined there are three wells within a 1-mile radius of the site (EDR 2009a). Potable water in the site area is supplied by Missouri American Water, and is obtained from groundwater sources located along the Missouri River, north of St. Joseph.

Surface water likely flows towards the south, where it is directed into stormwater drains located along roadways.

2.2 Current Use of the Subject Property

The subject property is primarily used by Roberts Dairy as a truck parking lot, and measures approximately 200 feet long by 150 feet wide. A freezer house and loading dock are centrally located at the site, and metal fences that contain electrical outlets for connection to refrigeration trucks run along its eastern and southern boundaries. An electrical box is located in the north-central portion of the subject property. Most of the property is covered by asphalt and gravel; a small area of concrete is located on the western portion of the site. The property is served by municipal water and electrical power.

2.3 Description of Property Improvements

The site is mostly covered by asphalt and gravel. A loading dock is centrally located on the subject property, and consists of a 3-foot-tall concrete platform roughly 143 feet in length by 33 feet in width. The site contains a freezer house (a small refrigerated structure) which is located at the southern end of the loading dock.

2.4 Current Uses of the Adjoining Properties

Adjacent properties include vacant lots to the south and north, an industrial complex to the east and storage warehouses to the west. The industrial complex on the east side is the headquarters of the Sunshine Electronic Display Company. The warehouses on the west side are used for storage by I & M Machine and Fabrication (see Appendix B, Figure 2).

2.5 Site History and Operations

A review of historical records (see Appendix D) indicates that from 1883 to 1897 the subject property contained several residential dwellings and a livery stable. In 1911, the subject property contained residential dwellings and a coal yard, which replaced the livery stable. In 1949, the subject property is shown as a surface parking lot and an office. In addition, the Sanborn[®] map from 1949 shows that a filling station is located on the northern portion of the subject property. By 1955, the filling station had become vacant. By 1965, the entire subject property had been paved and a loading deck constructed in the central portion of the site.

3.0 USER-PROVIDED INFORMATION

In order to qualify for the Landowner Liability Protections (LLP) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the “Brownfields Amendments”), the User must provide the following information (if available) to the Environmental Professional. Failure to provide this information could result in a determination that “All Appropriate Inquiry” is not complete. The following information on the site was provided by Mr. Clint Thompson of the City of St. Joseph. The completed User Questionnaire is provided in Appendix E.

- No title records for the site were provided by the User.
- The User was not aware of any environmental cleanup lines or Activity and Use Limitations (AUL) for the property.
- The User reported no specialized knowledge or experience related to the subject property or nearby properties.
- The User reported that the purchase price for the subject property would likely reflect fair market value if it were being purchased.
- No knowledge of specific chemicals that are currently present or may have once been present was identified by the User.
- The User reported no knowledge of any spills, chemical releases or environmental cleanups that may have occurred at the subject property. The User indicated that based on his knowledge of and experience with the subject property, there are no obvious indicators of the presence or likely presence of contamination at the property.

The User provided the following additional information to assist the Environmental Professional:

- The Phase I TBA is being performed for the City of St. Joseph to provide a general reference in managing the risk associated with acquiring and/or redevelopment of the subject property.
- The physical address of the subject property was identified as 302 South 5th Street.
- No special terms or conditions were agreed upon by the Environmental Professional.

4.0 ENVIRONMENTAL RECORDS SOURCES

The purpose of the records review is to obtain and review records that will help identify RECs in connection with the site. The following sources of environmental records were accessed and reviewed as part of this assessment.

4.1 Historical Review

Historical data regarding the site and surrounding area were gathered to determine past uses and evaluate visible environmental issues that may pose RECs. The following sections discuss aerial photographs, topographic maps, city directories, and Sanborn® maps that were available for the site. Historical use documentation referenced in the following sections is included as Appendix D.

4.1.1 Historical Aerial Photographs

Historical aerial photographs of the site for the years 1936, 1953, 1958, 1969, 1972, 1981, 1986, 1991, 1997, 2003, and 2008 were obtained from Historical Information Gatherers (HIG) (HIG 2009a). The review of these aerial photographs is summarized below:

| YEAR | COMMENTS |
|------|---|
| 1936 | <p>Site: The aerial photograph's quality is poor; however, the subject property is legible. There appears to be a structure on the subject property, but its use cannot be determined.</p> <p>Surrounding Area: The area immediately surrounding the subject property appears developed and used for either industrial or commercial purposes.</p> |
| 1953 | <p>Site: The aerial photograph's quality is poor; however, the subject property is legible. There appears to be a structure on the subject property, but its use cannot be determined.</p> <p>Surrounding Area: The area immediately surrounding the subject property appears developed and used for either industrial or commercial purposes.</p> |
| 1958 | <p>Site: The aerial photograph's quality is poor; however, the subject property is legible. There appear to be several smaller structures on the property but their use cannot be determined.</p> <p>Surrounding Area: The area immediately surrounding the subject property appears developed and used for either industrial or commercial purposes.</p> |
| 1969 | <p>Site: The aerial photograph's quality is poor; however, the subject property is legible. There appear to be no structures on the subject property.</p> <p>Surrounding Area: The area immediately surrounding the subject property appears developed and used for either industrial or commercial purposes.</p> |

| YEAR | COMMENTS |
|------|--|
| 1972 | <p>Site: The aerial photograph's quality is poor; however, the subject property is legible. There are no structures on the subject property.</p> <p>Surrounding Area: The area immediately surrounding the subject property appears developed and used for either industrial or commercial purposes.</p> |
| 1981 | <p>Site: The site appears similar to current conditions. There is a loading dock in the center of the site.</p> <p>Surrounding Area: The area immediately surrounding the subject property appears developed and used for either industrial or commercial purposes.</p> |
| 1986 | <p>Site: The site appears similar to current conditions. There is a loading dock in the center of the site.</p> <p>Surrounding Area: The area immediately surrounding the subject property appears developed and used for either industrial or commercial purposes.</p> |
| 1991 | <p>Site: The site appears similar to current conditions. There is a loading dock in the center of the site.</p> <p>Surrounding Area: The area immediately surrounding the subject property appears developed and used for either industrial or commercial purposes.</p> |
| 1997 | <p>Site: The site appears similar to current conditions. There is a loading dock in the center of the site.</p> <p>Surrounding Area: The area immediately surrounding the subject property appears developed and used for either industrial or commercial purposes.</p> |
| 2003 | <p>Site: The site appears similar to current conditions. There is a loading dock in the center of the site.</p> <p>Surrounding Area: The area immediately surrounding the subject property appears developed and used for either industrial or commercial purposes.</p> |
| 2008 | <p>Site: The site appears similar to current conditions. There is a loading dock in the center of the site.</p> <p>Surrounding Area: The area immediately surrounding the subject property appears developed and used for either industrial or commercial purposes.</p> |

Review of the aerial photographs identified no RECs on or adjacent to the site.

4.1.2 Historical Topographic Maps

Historical topographic maps of the site for the years 1926, 1971, 1978, and 1997 were obtained from HIG (HIG 2009b). The review of these topographic maps is summarized below:

| YEAR | COMMENTS |
|------|---|
| 1926 | <p>Site: The topographic map shows a developed urban area.</p> <p>Surrounding Area: The area immediately surrounding the subject property appears to be a developed urban area. The Missouri River is located west of the subject property.</p> |
| 1971 | <p>Site: The topographic map shows a developed urban area.</p> <p>Surrounding Area: The area immediately surrounding the subject property appears to be a developed urban area.</p> |
| 1978 | <p>Site: The topographic map shows a developed urban area.</p> <p>Surrounding Area: The area immediately surrounding the subject property appears to be a developed urban area.</p> |
| 1997 | <p>Site: The topographic map shows a developed urban area.</p> <p>Surrounding Area: The area immediately surrounding the subject property appears to be a developed urban area.</p> |

Review of the topographic maps identified no RECs on or adjacent to the site.

4.1.3 City Directories

City directories can be used in conjunction with other historical records presented in this section to determine previous land use at the site and at surrounding properties. The subject property was not identified in the city directories. However, multiple surrounding property addresses were listed and identified as residential, commercial, and industrial businesses. Several of the historic commercial and industrial listings, which included auto shops and chemical companies, could pose RECs to the subject property based on historical use.

4.1.4 Sanborn® Maps

A search for historical fire insurance maps was conducted by EDR (EDR 2009c). Fire insurance maps for the years 1883, 1888, 1897, 1911, 1949, 1955, 1965, and 1969 were available for the area. The review of these Sanborn® maps is summarized below:

| YEAR | COMMENTS |
|------|---|
| 1883 | <p>Site: Most of the site is a developed residential area; the northeastern section is used as a livery stable and carriage house.</p> <p>Surrounding Area: West of the property is a livery stable, blacksmith and paint shop. East of the site is a hotel. Most of the remaining area around the site is residential. One block south of the property is a coal house and a gas tank.</p> |
| 1888 | <p>Site: Most of the site is a developed residential area; the north portion is used as a livery stable.</p> <p>Surrounding Area: West of the property are a livery stable, blacksmith shop, and paint shop. East of the site is a hotel. Most of the remaining area around the site is residential. Two blocks south of the subject property are a coal house and gas holder associated with a Former Manufactured Gas Plant (FMGP).</p> |
| 1897 | <p>Site: Most of the site is a developed residential area; the north portion is used as a livery stable.</p> <p>Surrounding Area: West of the property are a livery stable, blacksmith shop, and tin shop. East of the site is a hotel. Most of the remaining area around the site is residential.</p> |
| 1911 | <p>Site: Most of the site is a developed residential area; the northern portion is used as a coal yard.</p> <p>Surrounding Area: West of the property are a livery stable, blacksmith, tin shop and meat packer. East of the site is a hotel. North of the site is a dairy plant and a printing shop. Most of the remaining area around the site is residential.</p> |
| 1949 | <p>Site: Most of the site is a parking area; however, the northern portion is used as a filling station with a gasoline tank identified. In addition, there is an office on the eastern edge of the subject property.</p> <p>Surrounding Area: West of the property are an auto shop and a poultry company. North of the site are a dairy plant, print shop, and garage. Directly south of the property are a restaurant, candy company, and several auto shops. A hotel is located east of the subject property.</p> |
| 1955 | <p>Site: Most of the site is a parking area. The filling station building is identified as vacant. An office is located on the eastern edge of the subject property.</p> <p>Surrounding Area: West of the property are an auto shop and a poultry company. North of the site are a dairy plant, print shop, and garage. Directly south of the property are a restaurant, paper warehouse, chemical manufacturer and several auto shops. The St. Charles Hotel and a tire sales company are located to the east.</p> |

| YEAR | COMMENTS |
|------|--|
| 1965 | <p>Site: Most of the site is a parking area. The former filling station building remains and is identified as oil storage. An office is located on the eastern edge of the lot.</p> <p>Surrounding Area: West of the property are a screw and wire factory and a meat packer. North of the site are a dairy plant, wire harness manufacturer, and farm implement store. Directly south of the property are a farmers' co-op credit union, chemical manufacturer, and several auto shops. The St. Charles Hotel and a tire sales company are located to the east.</p> |
| 1969 | <p>Site: Most of the site is a parking lot with a centrally located loading dock. A small concrete brick building is located near the northern edge of the loading dock.</p> <p>Surrounding Area: West of the property are a screw and wire factory and a meat packer. North of the site are a dairy plant, wire harness manufacturer, and farm implement store. Directly south of the property are a drug distributor, fireworks company, chemical manufacturer, and power company. The St. Charles Hotel and a glass sales company are located to the east.</p> |

Review of Sanborn® maps identified residential dwellings, livery stable, coal yard, filling station, and a small office previously located on the subject property. The filling station had gasoline tanks, as well as oil and grease storage associated with its use. In addition, a review of the Sanborn® maps identified commercial and industrial businesses located at other surrounding properties dating back to 1883. These former facilities (coal yard and filling station in particular) could be potential sources of contamination if releases of hazardous materials or wastes occurred; therefore, they pose RECs to the subject property.

4.2 Environmental Database Search

Federal, state, regional, and local records were reviewed to assess whether any unauthorized releases of hazardous substances or other events with potentially adverse environmental effects have occurred at the site or at any facility within the approximate minimum search distance. EDR performed a database search of the site in accordance with ASTM E 1527-05 (EDR 2009a). A copy of this report is included as Appendix F.

The databases searched have been developed and are updated by federal, state, and local agencies. While these databases are generally reliable and comprehensive, some out-of-date information no longer reflecting actual site conditions may be encountered. The Government



Records Searched/Data Currency Tracking section of the EDR report in Appendix F identifies when each database was updated.

A review of the facilities listed within the EDR Radius Map with GeoCheck[®] report (EDR 2009a) is summarized as follows:

- The site was not listed in any of the databases searched by EDR.
- Sixty-seven surrounding sites were identified in the database search and are summarized in the table below.

| Regulatory Database | Search Distance | Subject Property Listed | Total Number of Sites Listed |
|---|-----------------|-------------------------|------------------------------|
| Federal Records | | | |
| Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) | 0.50 | No | 4 |
| Comprehensive Environmental Response, Compensation, and Liability Information System – No Further Remedial Action Planned (CERCLIS-NFRAP) | 0.50 | No | 5 |
| Resource Conservation and Recovery Act – Large Quantity Generator (RCRA-LQG) | 0.25 | No | 3 |
| Resource Conservation and Recovery Act – Small Quantity Generator (RCRA-SQG) | 0.25 | No | 2 |
| Resource Conservation and Recovery Act – Conditionally Exempt Small Quantity Generator (RCRA-CESQG) | 0.25 | No | 1 |
| Resource Conservation and Recovery Act – Non Generator (RCRA-NonGen) | 0.25 | No | 16 |
| State and Local Records | | | |
| Leaking Underground Storage Tank (LUST) | 0.50 | No | 10 |
| Underground Storage Tank (UST) and Aboveground Storage Tank (AST) | 0.25 | No | 11 |
| Voluntary Cleanup Program (VCP) | 0.50 | No | 4 |
| State, Tribal, and Local Brownfields (Brownfields) | 0.50 | No | 4 |
| CERCLA Consent Decree (CONSENT) | 1.0 | No | 1 |
| EDR Proprietary Records | | | |
| EDR Proprietary Manufactured Gas Plants | 1.0 | No | 6 |

Federal Database Listings

Federal database listings identified 31 sites within the relevant search radii. These sites were listed in the following databases: Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), CERCLA – No Further Remedial Action Planned (CERCLA-NFRAP), and Resource Conservation and Recovery Act (RCRA) databases. Based on distance from the site, topography, estimated groundwater flow direction, and/or current regulatory status, none of the sites listed in these databases appear to present a REC to the subject property.

State Database Listings

State database listings identified 30 sites within the relevant search radii. Ten leaking underground storage tank (LUST) sites were identified in the searched databases. The LUST database identifies eight of the 10 sites as located upgradient of the subject property. These sites are identified as Hiland Dairy Division, Central Fire Station, Ronald Wood DBA Lake Drive Inc., Law Enforcement Center, Heartland Regional Medical Center, Robidoux, SBC, and Wire Rope Corporation of America. The LUST site nearest the subject property is the Hiland Dairy Division site, which is located about 0.052 mile north-northeast of the subject property at 221 S. 5th Street. The database listing indicates that a release to soil as a result of a leaking underground storage tank (UST) was discovered at this facility in 1996, and a subsequent cleanup was conducted. The database lists the site as completed and archived. The Central Fire Station site is located about 0.117 mile east of the subject property at 401 S. 7th Street. A release to soil and groundwater occurred at this site. In 2004, a cleanup was completed, and MDNR determined the site required no further action. Based on their upgradient proximity to the subject property, the Hiland Dairy Division and Central Fire Station pose HRECs to the subject property. The remaining LUST sites do not pose RECs to the subject property based on distance from the site, topography, estimated groundwater flow direction, and/or current regulatory status.

Eleven sites were identified in UST and Aboveground Storage Tank (AST) databases. Several of those sites are also listed in the LUST database and have been previously discussed. The UST/AST site nearest the subject property is Sunshine Electric, which is located at 501 Sylvania Street, just across S. 5th Street to the east of the subject property. The sites in the UST and AST databases do not pose RECs to the subject property.

The remaining sites were identified in the following databases: Voluntary Cleanup Program (VCP), Brownfields, and the CERCLA Consent Decree (CONSENT). Based on distance from the site, topography, estimated groundwater flow direction, and/or current regulatory status, none of the sites listed in these databases appear to present a REC to the subject property.

Proprietary Database Listings

Six sites were identified in the EDR Proprietary Database for Former Manufactured Gas Plants (FMGP). The FMGP locations are all located south (downgradient) of the subject property; therefore, the FMGP sites do not pose RECs to the subject property.

Unmapped Sites

The EDR report identified 36 “non-geocoded” or “orphan” facilities that, because of poor or inadequate address information, could not be mapped by EDR. Several of these sites were previously identified and discussed. Based on site reconnaissance observations and information obtained from database research and on-line mapping resources, it is not likely any of these “orphan” sites pose a REC to the subject property. This determination is based on their crossgradient or downgradient position relative to the subject property, current regulatory site status (no further action required), or the fact they are located outside the approximate minimum search distance from the subject property.

4.3 Additional Environmental Records

As part of the environmental records search performed by EDR, federal databases for institutional and engineering controls were searched, and no institutional or engineering controls were reported.

5.0 SITE RECONNAISSANCE

Site reconnaissance was conducted on December 1, 2009, by Seagull employee Joel Harvester. Photographic documentation from the site reconnaissance is included in Appendix G.

5.1 Methodology and Limiting Conditions

The site reconnaissance consisted of a visual inspection of the site in accordance with requirements set forth in 40 CFR Part 312; observations of the perimeter area were also made to assess the presence of environmental concerns. The scope of the Phase I TBA includes asbestos and lead-based paint inspections of any on-site structures. The freezer house is the only structure located on the property. The interior of the freezer house was not accessible during the site visit; however, the freezer house has only been in place for approximately one year and is not expected to contain asbestos. Access was available to all other areas of the site. The project team interviewed Mr. Chuck Winder, Site Manager for Roberts Dairy, regarding current and past uses of the site (see Section 6.1).

5.2 General Site Setting

The site, which is located on the western edge of downtown St. Joseph, encompasses 0.64 acres and is currently being used by Roberts Dairy for truck parking. The site address is 302 South 5th Street. Adjacent properties include vacant lots to the south and north, an industrial complex to the east and storage warehouses to the west. The industrial complex on the east side is the headquarters for the Sunshine Electronic Display Company. The warehouses west of the subject property are used for storage by I & M Machine and Fabrication (see Appendix B, Figure 2).

5.3 Site Reconnaissance Observations

Property conditions were evaluated for evidence of current or past RECs as described in the following table:

| Potential Environmental Concern | Present or Suspected | Not Present |
|--|----------------------|-------------|
| Hazardous Substances and Petroleum Products | | ✓ |
| Hazardous Waste | | ✓ |
| Landfills, Dumps, Burials, or Solid Waste Disposal | | ✓ |
| Storage Tanks | | ✓ |
| Polychlorinated Biphenyls-containing Equipment | | ✓ |
| Heating, Ventilation, and Air Conditioning System and Fuel Source | ✓ | |
| Drains, Sumps, Pools of Liquids, Standing Water, Cisterns, and Cesspools | | ✓ |
| Pits, Ponds, and Lagoons | | ✓ |
| Stains or Corrosion and Stained Soil or Pavement | | ✓ |
| Areas of Dead, Distressed, Discolored, or Stained Vegetation | | ✓ |
| Possible Fill, Grading, or Solid Waste Disposal | | ✓ |
| Smells of Chemical Gases, Petroleum Products, or Noxious Odors | | ✓ |
| Wastewater and Stormwater Systems and Discharges | | ✓ |
| Wells and Potable Water Supply | | ✓ |
| Utilities | ✓ | |

A concrete slab thought to formerly house pumps/tanks used by the filling station previously located at the site was noted in the northeast corner of the property. No information was available to determine whether the petroleum tanks were located underground or above ground, or whether the tanks/associated piping have been removed. A freezer house utilized by Roberts Dairy is also located at the site. The property is served by electricity and municipal water. No RECs were identified during the site reconnaissance.

6.0 INTERVIEWS

The objective of conducting interviews is to obtain information concerning RECs at the site. This information was obtained verbally, as indicated below. Interviewees were cooperative and forthcoming with information, unless otherwise specified. Information obtained during telephone interviews is included as Appendix H.

6.1 Interview with Owner/Key Site Manager

The project team interviewed Mr. Chuck Winder, Site Manager for Roberts Dairy, on February 10, 2010. Mr. Winder has worked at the site for over 20 years. Mr. Winder stated that Roberts Dairy primarily uses the property for parking trucks. A freezer house that was constructed

approximately one year ago is located on the property; it is used for the storage of frozen foods. Mr. Winder stated that, to his knowledge, no chemical or other hazardous materials have been stored or spilled at the site. Mr. Winder was not aware of any spills of hazardous materials that had impacted the site prior to his working there. Mr. Winder is considered the key site manager for this site and was interviewed as described above.

6.2 Interview with Current Occupants

The subject property is vacant and not developed for occupancy.

6.3 Interview with Local Government Officials

The St. Joseph Fire Department was contacted to determine if it had responded to any fires or hazardous material spills at the subject property or at any surrounding facilities or properties. The subject property had no record of any fires or hazardous material responses (see Appendix H).

The project team contacted the Buchanan County Health Department to determine if they had any records of environmental interest concerning the subject property and surrounding properties. The Buchanan County Health Department did not provide any information in response to the request (see Appendix H).

7.0 FINDINGS AND OPINIONS

The following significant findings were identified from records review, interviews, or site reconnaissance:

- Sanborn® maps showed that a coal yard and filling station have previously been located on the subject property. These former facilities could be potential sources of contamination. The likelihood of release of hazardous materials or wastes from these facilities, as well as from neighboring commercial and industrial facilities, poses RECs to the subject property.
- The Environmental Data Resources (EDR) environmental database search identified numerous listed facilities within the ASTM-recommended search distances from the subject property. Two leaking underground storage tank (LUST) sites were identified near (and upgradient of) the subject property. Those sites are the Hiland Dairy Division site, located at 221 S. 5th Street, and the Central Fire Station site, located at 401 S. 7th Street. The database listings indicate releases at those sites impacted soil and

groundwater. The database listings also indicate the Missouri Department of Natural Resources (MDNR) considers both sites closed (no further action). However, based on their upgradient proximity to the site, the Hiland Dairy Division and Central Fire Station sites pose historical RECs to the subject property.

7.1 Data Gap Analysis

A data gap is a lack of or inability to obtain information by the Environmental Professional that could affect the ability of the Environmental Professional to identify conditions indicative of releases or threatened releases. The Environmental Professional has conducted an analysis of the data gaps associated with information gathered during this Phase I ESA and a summary of that assessment follows.

- Time gaps of more than 5 years were present in available historical information. Historical documents were reviewed for 1883, 1888, 1911, 1926, 1936, 1949, 1953, 1955, 1958, 1965, 1969, 1971, 1972, 1978, 1981, 1986, 1991, 1997, 2003, and 2008. Given the consistent observed use of the subject property in the historic information reviewed, it is not necessary to review additional time periods, and the lack of information for all 5-year-or-less intervals is not considered data failure.

8.0 CONCLUSIONS AND RECOMMENDATIONS

The EIGov project team has performed a Phase I TBA in conformance with the scope and limitations of ASTM Practice E 1527-05 for 302 South 5th Street in St. Joseph, Missouri. Any exceptions to, or deletions from, this practice are described in Section 1.4 of this report. Based on available information, this assessment has revealed evidence of several RECs (including HRECs) associated with the site, as described in Section 7.0. Based on the identification of those RECs, the project team provides the following recommendations:

- A Phase II TBA of the subject property should be performed. Soil and groundwater samples should be collected and analyzed for contaminants commonly associated with filling stations and coal yards, as well as other historical commercial/industrial operations. Parameters should include volatile organic compounds, semi-volatile organic compounds, total petroleum hydrocarbons, and metals.

9.0 CERTIFICATION STATEMENT

Resumes of the site assessor who conducted the site reconnaissance and prepared the report, and the Environmental Professional who oversaw completion of this work, are provided in

Appendix I. We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in 40 CFR Part 312.10. We have the specific qualifications based on education, training, and experience to assess the nature, history, and setting of the site addressed in this report. We have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312, and attest to the completeness and accuracy of the information contained in this report.

Site Assessor



Joel R Harvester
Environmental Scientist

Environmental Professional



Jeff Pritchard, CHMM
Senior Environmental Scientist

10.0 REFERENCES

American Society for Testing and Materials (ASTM), 2005. Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, Designation E 1527 – 05, November.

Buchanan County Assessor (BC). 2009. Accessed December 2, 2009. On-line address: <http://www.stjosephmogis.com>

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2009a. Radius Map with GeoCheck[®]. December XX.

2009b. City Directory Report. December XX.

2009c. Historic Sanborn[®] Report. December XX.

Historical Information Gatherers (HIG).

2009a. Aerial Photography Report. December 1.

2009b. Topographic Map Report. December 1.

Missouri Department of Natural Resources (MDNR). 2009. Geologic Well Logs of Missouri. Accessed on December 1, 2009. On-line address: <http://www.dnr.mo.gov/env/wrc/logmain/index.html>

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APPENDIX A
SCOPE OF WORK

**EPA Targeted Brownfields Assessment (TBA)
TASK ORDER – STATEMENT OF WORK**

St Joseph, MO Brownfield Sites - (11) Phase I ESA's Region 7

1.0 Introduction/Background Discussion

The EPA's Targeted Brownfields Assessment (TBA) program is designed to assist States, tribes and local governments to minimize the uncertainties of contamination often associated with Brownfields. TBAs supplement and work with other efforts under EPA's Brownfields Program to promote cleanup and redevelopment of Brownfields properties.

The City of St. Joseph, Missouri has requested EPA to perform Phase I and II environmental site assessments on eleven (11) tracts of land in the downtown area of St Joseph.

It is important to note this project must be entirely completed by February 1, 2010.

2.0 Site Description

The sites are a series of separate and distinct non-contiguous plats in downtown St Joseph. The sites are part of a combined redevelopment urban renewal project in the downtown that will provide new residential and commercial units where economic growth will benefit the downtown area.

2.1 Location

The properties are separate and distinct plats with individual addresses as listed below. A copy of a map is provided detailing the location of the sites.

| | |
|--|-------------------------------|
| 218 South 5 th Street | Roberts Dairy |
| 302 South 3 rd Street | Downtown Furniture Emporium |
| 302 South 5 th Street | Roberts Dairy |
| 310 South 3 rd Street | McCormick Barron Building |
| 324 South 5 th Street | Wickersham Property |
| 402 South 5 th Street | Chase Candy |
| City Alley behind 402 South 5 th Street | Railroad Spur |
| 421 Sylvania Street | Mid City Partnership Property |
| 428 Edmonds Street | 428 Edmond (Robert Lowell) |
| 501 South 4 th Street | Schneitter Fireworks |
| 517 South 4 th Street | Barker Property |

2.2 Description and Current Conditions of Sites

Current condition of properties is unknown. Access to sites needs to be negotiated with the current property owners by the contractor through the city.

The 302 South 3rd Street Site, the 310 South 3rd Street Site and the 402 South 5th Street Site are included in the South Fourth Street Commercial Historic District. Therefore, before

federal funds can be used the State Historical Preservation Officer (SHPO) has to approve. These sites have been submitted to the SHPO for approval. However, if the SHPO disapproves work on these sites, they may be deleted from the Task Order by EPA. A description of the historic district is provided.

3.0 History of Operation

EPA Region 7 and the City of St Joseph have no information on the history of operations at the sites.

4.0 Scope of Work

4.1 Task 1

The contractor shall perform a Phase I environmental site assessments (ESA) on all of the sites listed above as well as lead based paint and asbestos survey/inspection on all buildings on the sites. The contractor shall then submit electronically individual Phase I reports for each site in draft. Following EPA comments on the Phase I report, the contractor shall submit final reports in hard copy (four copies, three for the city of St Joseph and one for EPA) and electronically for both entities as well as property profile forms for each site. All hard copies and the electronic copy will be provided to the EPA Project Contact identified below. Contractor shall work with the city and site owners to obtain access to these sites for both Phase I and Phase II work.

4.2 Task 2

Following the Phase I field work, the contractor shall meet with EPA and discuss the results and propose which sites need Phase II assessments. At EPA direction, the contractor shall then perform the Phase II assessments as approved by EPA. It is anticipated that all sites on which Recognized Environmental Conditions (RECs) are found or suspected will require Phase II assessments as development is planned for all these sites. The Phase II ESAs will investigate any potential REC located on or in the vicinity of the sites described in the Phase I reports. This will include providing all laboratory services and analysis. The contractor shall then submit electronically individual Phase II reports for each site in draft. Following EPA comments on the Phase I report, the contractor shall submit final reports in hard copy (four copies, three for the city of St Joseph and one for EPA) and electronically for both entities as well as property profile forms for each site. All hard copies and the electronic copy shall be provided to the EPA Task Order Project Officer (TOPO).

5.0 Description of Tasks

The contractor will conduct the Phase I and II ESAs in accordance with the following guidance:

- “Standard Practice for Environmental Site Assessment: Phase I Environmental Site Assessment Process,” ASTM, E 1527-05

- “Standard Practice for Environmental Assessments: Phase II Environmental Site Assessment Process,” ASTM 1903-97; and
- “Generic Quality Assurance Project Plan for the Superfund Site Assessment and Targeted Brownfields Assessment Programs,” EPA-Region VII, Superfund Division, July 2007

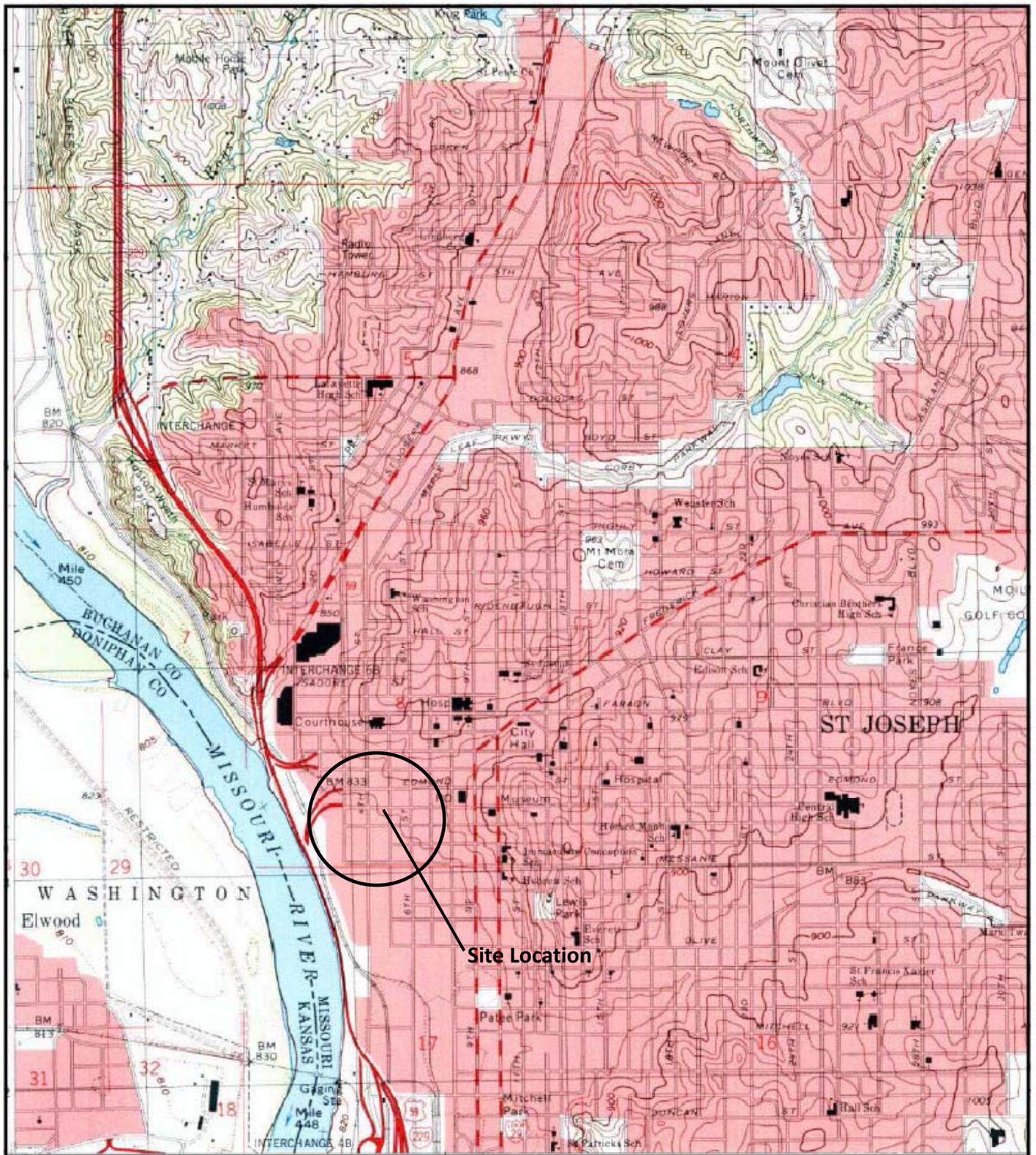
6.0 Project Schedule

All the work on these sites under this task order shall be completed by February 1, 2010. EPA will commit to providing comments on draft reports and work plans within five (5) working days of receipt and will request expedited approval of QAPPS. The City of St Joseph has deadlines that must be met to proceed with these sites. Contractor shall prepare the project schedule to meet this deadline.

Guidance Documents/References

- “Standard Practice for Environmental Site Assessment: Phase I Environmental Site Assessment Process,” ASTM, E 1527-05
- “Standard Practice for Environmental Assessments: Phase II Environmental Site Assessment Process,” ASTM 1903-97; and
- “Generic Quality Assurance Project Plan for the Superfund Site Assessment and Targeted Brownfields Assessment Programs,” EPA-Region VII, Superfund Division, July 2007

APPENDIX B
FIGURES



UNITED STATES GEOLOGICAL SURVEY 7.5 MINUTE SERIES TOPOGRAPHIC MAP 1:24,000 SCALE

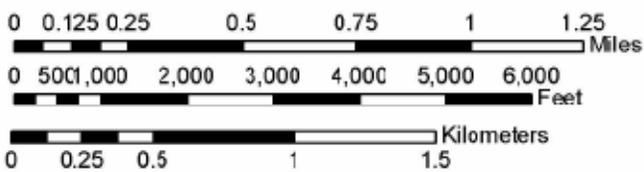


Figure 1: Site Location Map

302 South 5th Street
St. Joseph, Missouri

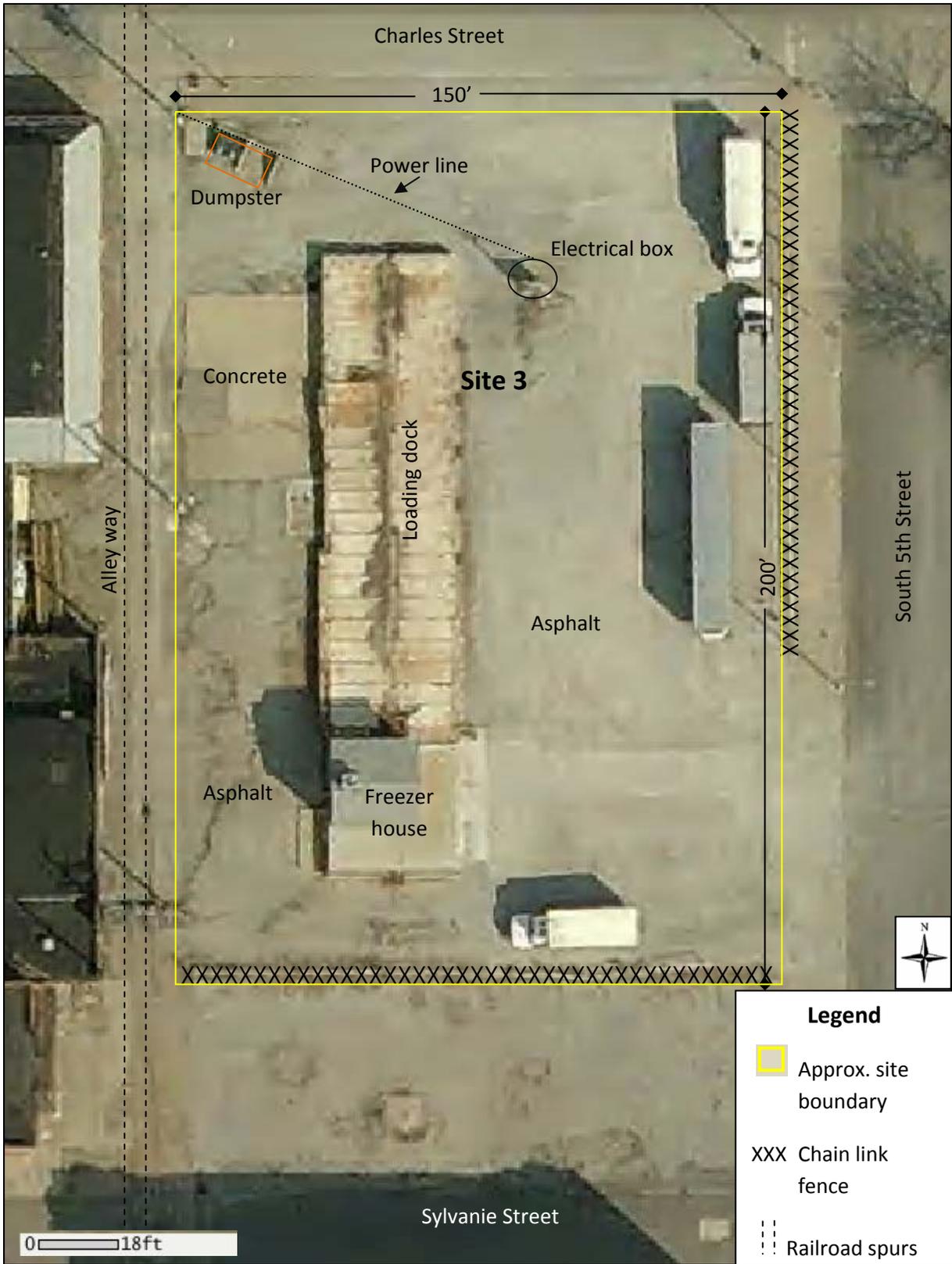


Figure 2: Site Layout

302 South 5th Street

APPENDIX C
PROPERTY OWNERSHIP INFORMATION

Buchanan County - City of St. Joseph GIS



| | | | |
|------------|---------------------------|---------------|--------------|
| Parcel ID | 06-3.0-08-003-002-056.000 | Situs Address | 302 S 5TH ST |
| Owner Name | ROBERTS DAIRY CO | | |

Disclaimer: Map and parcel data are believed to be accurate, but accuracy is not guaranteed. This is not a legal document and should not be substituted for a title search, appraisal, survey, or for zoning verification. Map data are based on the Missouri state plane coordinate system, NAD83. Contact 1-800-DIG-RITE (344-7483) prior to any excavation or dirt work. This web site shall not be used for any design purposes. Please refer to the City of St. Joseph web site located at www.ci.st-joseph.mo.us to check for required building or excavating permits.

Map Scale
1 inch = 163 feet

APPENDIX D
HISTORICAL USE INFORMATION



St. Joseph TBAs

302 S. 5th St, 421 Sylvania St, 324 S. 5th St.
Saint Joseph, MO 64501

Inquiry Number: 2649308.3

December 02, 2009

Certified Sanborn® Map Report

Certified Sanborn® Map Report

12/02/09

Site Name:

St. Joseph TBAs
302 S. 5th St, 421 Sylvania St,
Saint Joseph, MO 64501

Client Name:

Seagull Env. Technologies
731 Limestone Dr
Prosper, TX 75078



EDR Inquiry # 2649308.3

Contact: Jeff Pritchard

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Seagull Env. Technologies were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: St. Joseph TBAs
Address: 302 S. 5th St, 421 Sylvania St, 324 S. 5th St.
City, State, Zip: Saint Joseph, MO 64501
Cross Street:
P.O. # NA
Project: NA
Certification # EF2E-4EC1-B976



Sanborn® Library search results
Certification # EF2E-4EC1-B976

Maps Provided:

| | |
|------|------|
| 1969 | 1897 |
| 1965 | 1888 |
| 1955 | 1883 |
| 1949 | |
| 1911 | |
| 1904 | |

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

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

Limited Permission To Make Copies

Seagull Env. Technologies (the client) is permitted to make up to THREE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

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Certified Sanborn® Map Report Enhancements for 2009

The accompanying Certified Sanborn Map Report reflects a number of enhancements that make it easier for you to review these historical maps. EDR has digitally joined together the more than one million fire insurance maps from the Sanborn Library collection so that your target property is centered, making it easier for you to review adjoining properties. Here is a list of the new features:

- Your target property is centered on each map. You can quickly locate your target property and view adjoining properties. Plus, adjoining properties are included more often, reducing your need to refer to additional maps.
- All maps are now displayed at a uniform scale. This makes it easier for you to view changes to the property over time.
- We've increased coverage by adding thousands of new maps from 40 cities for years 1994-2007.
- A new Map Key and Sheet Thumbnails let you reference sheet numbers, year and volume of original Sanborn Map panels used for this report.

For more information about the new enhancements to the Certified Sanborn Map Report, contact your EDR representative at 800-352-0050.

Sanborn Sheet Thumbnails

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1969 Source Sheets



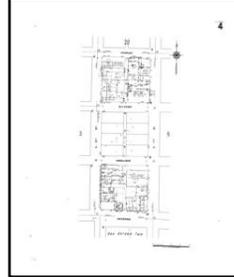
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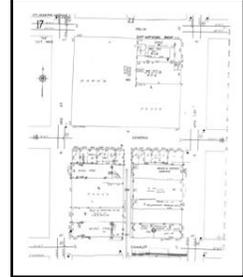
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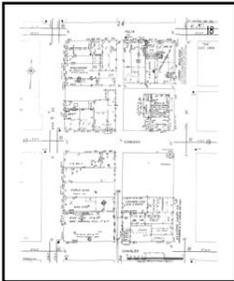
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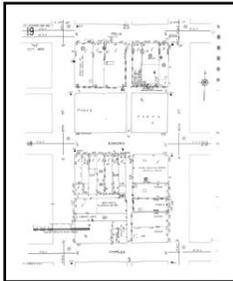
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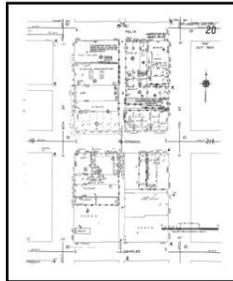
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Volume 1, Sheet 18

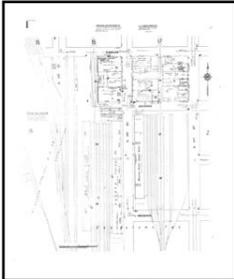


Volume 1, Sheet 19



Volume 1, Sheet 20

1965 Source Sheets



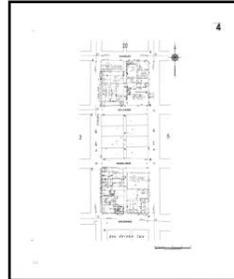
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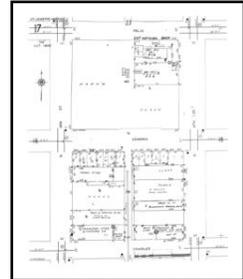
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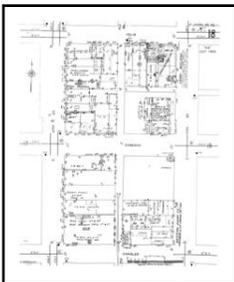
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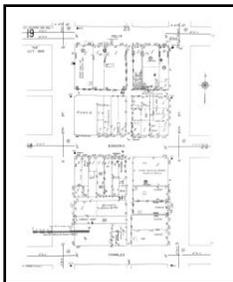
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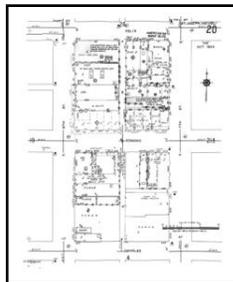
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Volume 1, Sheet 18

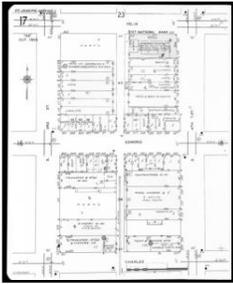


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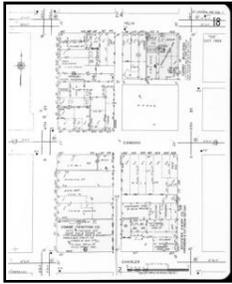


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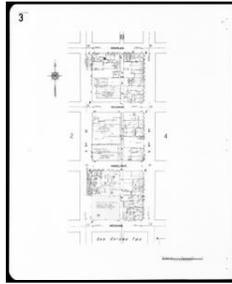
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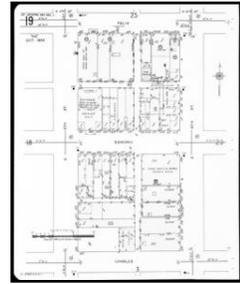
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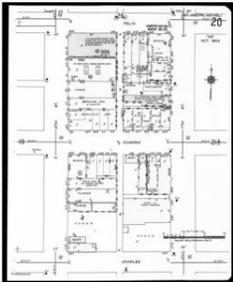
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Volume 1, Sheet 4



Volume 1, Sheet 19



Volume 1, Sheet 20

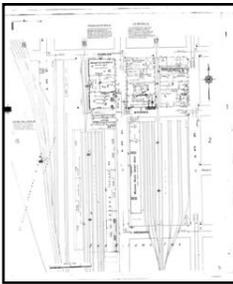


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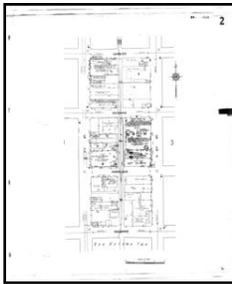


Volume 1, Sheet 2

1949 Source Sheets



Volume 1, Sheet 1



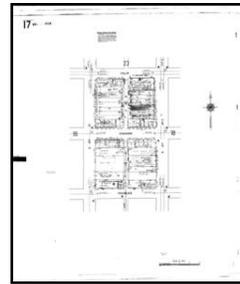
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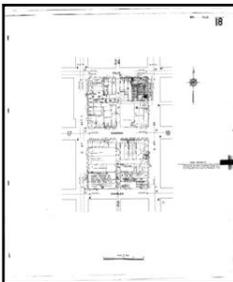
Volume 1, Sheet 3



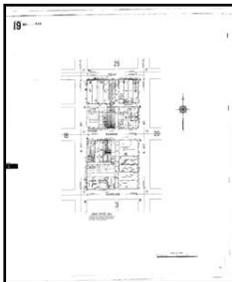
Volume 1, Sheet 4



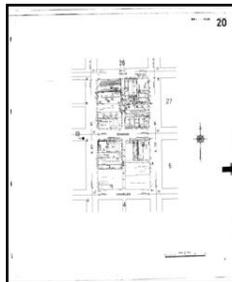
Volume 1, Sheet 17



Volume 1, Sheet 18



Volume 1, Sheet 19



Volume 1, Sheet 20

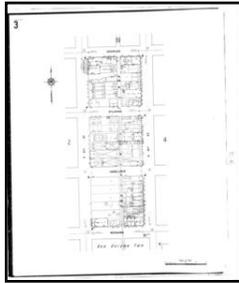
1911 Source Sheets



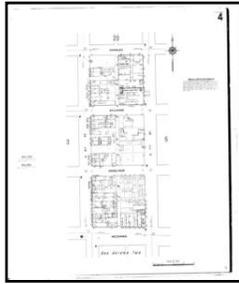
Volume 1, Sheet 1



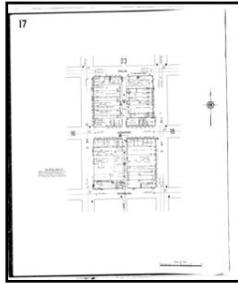
Volume 1, Sheet 2



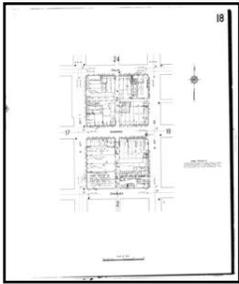
Volume 1, Sheet 3



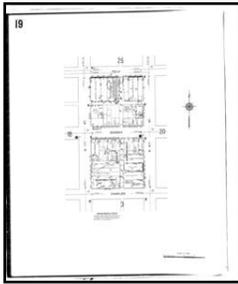
Volume 1, Sheet 4



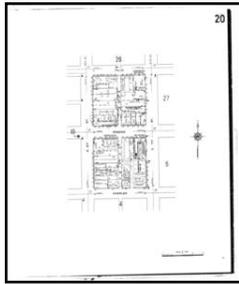
Volume 1, Sheet 17



Volume 1, Sheet 18



Volume 1, Sheet 19



Volume 1, Sheet 20

1904 Source Sheets



Volume 1, Sheet 1

1897 Source Sheets



Volume 1, Sheet 6



Volume 1, Sheet 7



Volume 1, Sheet 55



Volume 1, Sheet 56

1888 Source Sheets



Volume 1, Sheet 16



Volume 1, Sheet 20



Volume 1, Sheet 21

1883 Source Sheets



Volume 1, Sheet 7



Volume 1, Sheet 10



Volume 1, Sheet 11

1969 Certified Sanborn Map



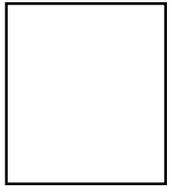
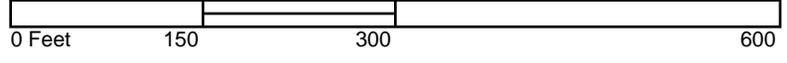
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Certification # EF2E-4EC1-B976

Site Name: St. Joseph TBAs
 Address: 302 S. 5th St. 421 Sylvania St. 324 S. 5th St.
 City, ST, ZIP: Saint Joseph MO 64501
 Client: Seagull Env. Technologies
 EDR Inquiry: 2649308-3
 Order Date: 12/2/2009 9:48:00 AM
 Certification #: EF2E-4EC1-B976



This Certified Sanborn Map combines the following sheets (thumbnails on page 3).



- Volume 1, Sheet 1
- Volume 1, Sheet 2
- Volume 1, Sheet 3
- Volume 1, Sheet 4
- Volume 1, Sheet 17
- Volume 1, Sheet 18
- Volume 1, Sheet 19
- Volume 1, Sheet 20



1965 Certified Sanborn Map

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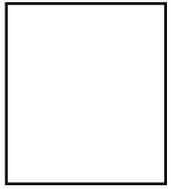
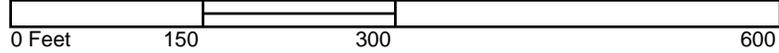
Certification # EF2E-4EC1-B976

Site Name: St. Joseph TBAs
 Address: 302 S. 5th St. 421 Sylvania St. 324 S. 5th St.
 City, ST, ZIP: Saint Joseph MO 64501
 Client: Seagull Env. Technologies
 EDR Inquiry: 2649308-3
 Order Date: 12/2/2009 9:48:00 AM
 Certification #: EF2E-4EC1-B976



Copyright: 1965

This Certified Sanborn Map combines the following sheets (thumbnails on page 3).



- Volume 1, Sheet 1
- Volume 1, Sheet 2
- Volume 1, Sheet 3
- Volume 1, Sheet 4
- Volume 1, Sheet 17
- Volume 1, Sheet 18
- Volume 1, Sheet 19
- Volume 1, Sheet 20



1955 Certified Sanborn Map

ST JOSEPH MO 64501

SHERIDAN CLAYTON PAPER CO.
 LIGHT PARTITION NO. 1200
 PRESSURE 100 LB. IN 2 1/2" DIA. CHPT. 5000 GAL.
 INSULATED 200 GAL. DRUM 50 INCH DIAMETER
 IN WATER 2 INCHES DIA. 1/2"

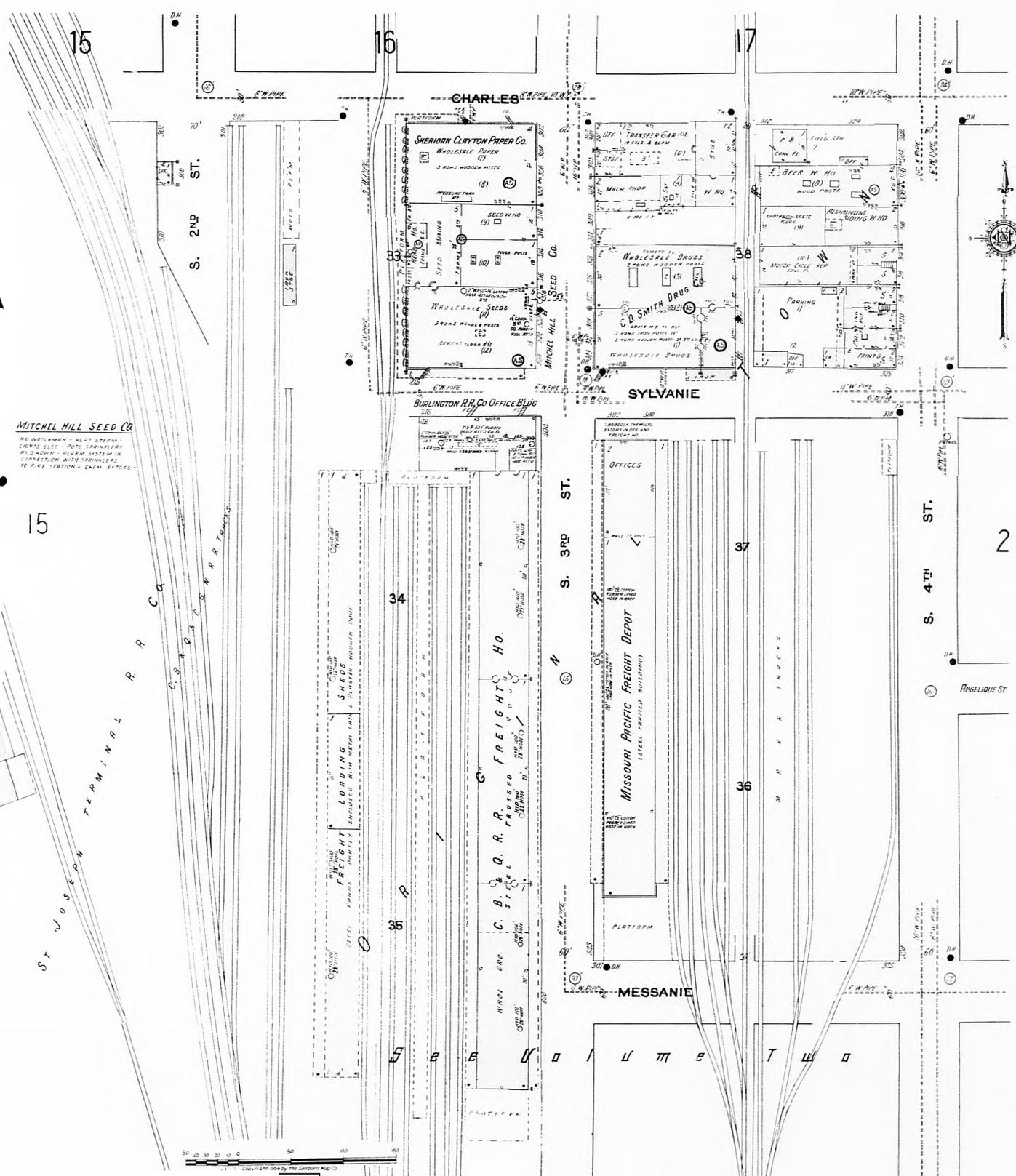
C. D. SMITH DRUG CO.
 LIGHT PARTITION NO. 1200
 PRESSURE 100 LB. IN 2 1/2" DIA. CHPT. 5000 GAL.
 INSULATED 200 GAL. DRUM 50 INCH DIAMETER
 IN WATER 2 INCHES DIA. 1/2"

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MITCHELL HILL SEED CO.
 NO WATERMAN - HEAT SYSTEM
 LIGHTS 110V - AUTO SWITCHEING
 NO 3-WAY - RIGID SYSTEM IN
 CONNECTION WITH CONNECTIONS
 TO FIRE STATION - CHIM. EXITS

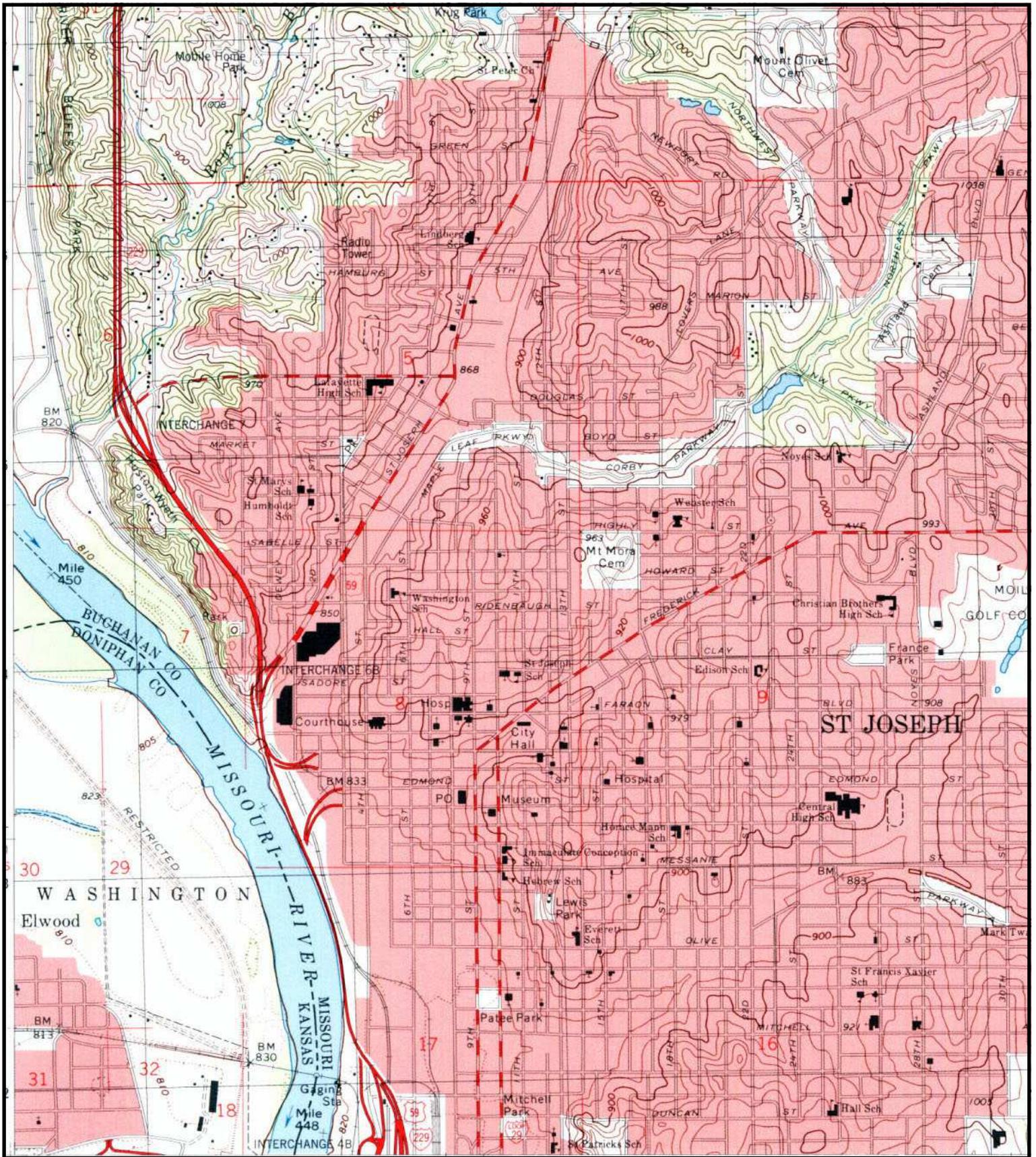
C. B. & Q. R. R. FREIGHT HO.
 MADE FRG. C. B. & Q. R. R. FREIGHT HO.
 FREIGHT HO. 30' x 100'
 STEEL FRG. 30' x 100'
 FREIGHT HO. 30' x 100'
 STEEL FRG. 30' x 100'

MISSOURI PACIFIC FREIGHT DEPOT
 (STEEL FRAMED BUILDING)
 OFFICES
 PLATFORM

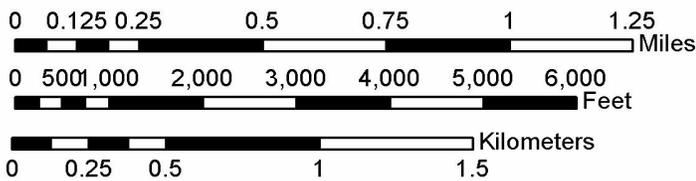


Site Name: St. Joseph TBAs
 Address: 302 S. 5th St, 421 Sylvania St, 324 S. 5th St.
 City, ST, ZIP: Saint Joseph MO 64501
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 Certification # EF2E-4EC1-B976



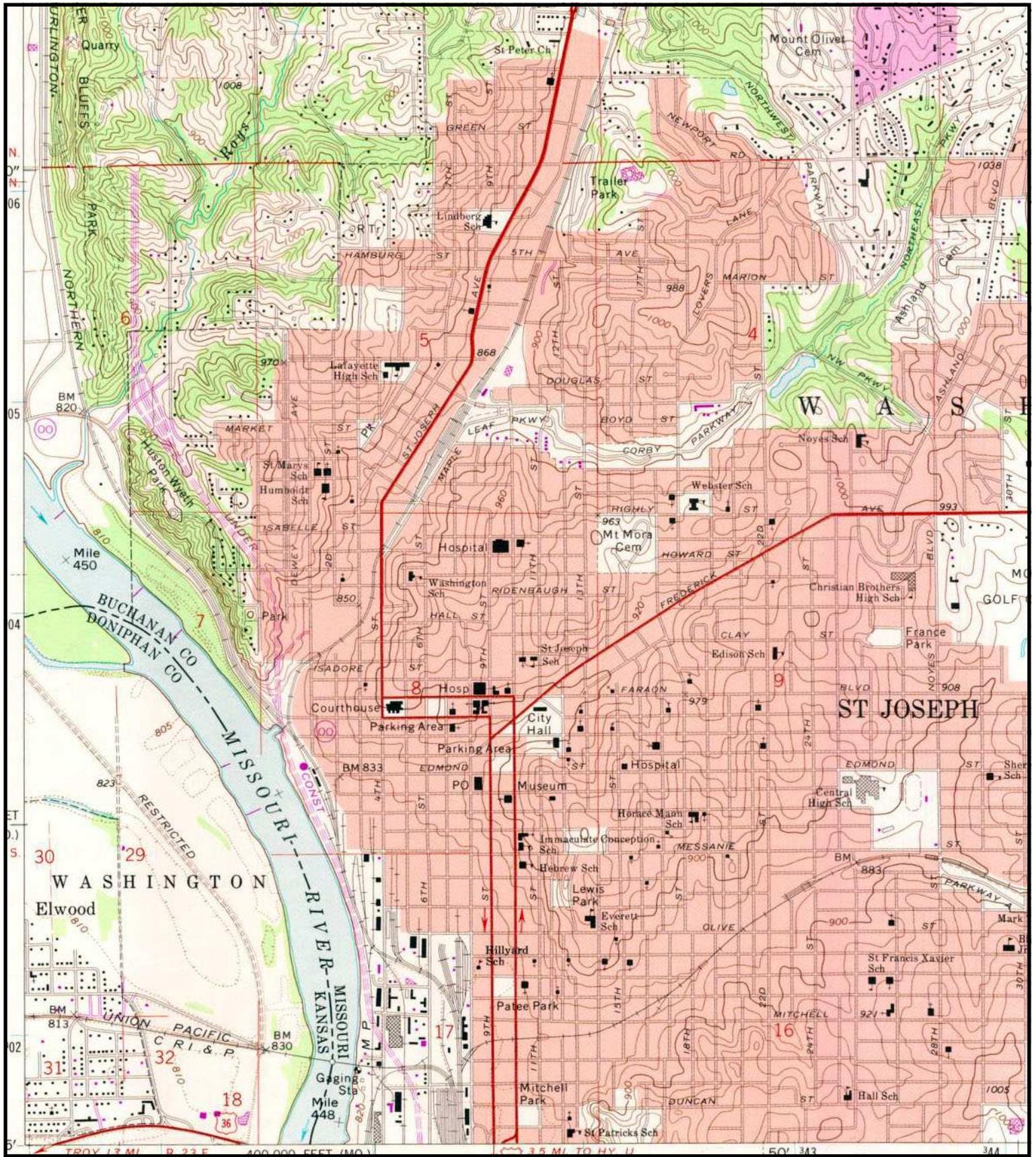


UNITED STATES GEOLOGICAL SURVEY 7.5 MINUTE SERIES TOPOGRAPHIC MAP 1:24,000 SCALE

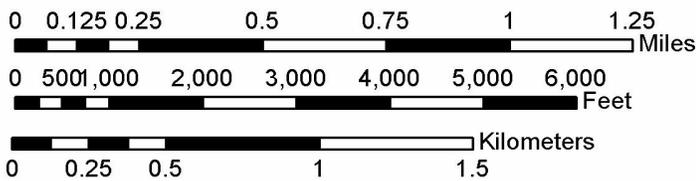


**SAINT JOSEPH NORTH,
MISSOURI**

1997

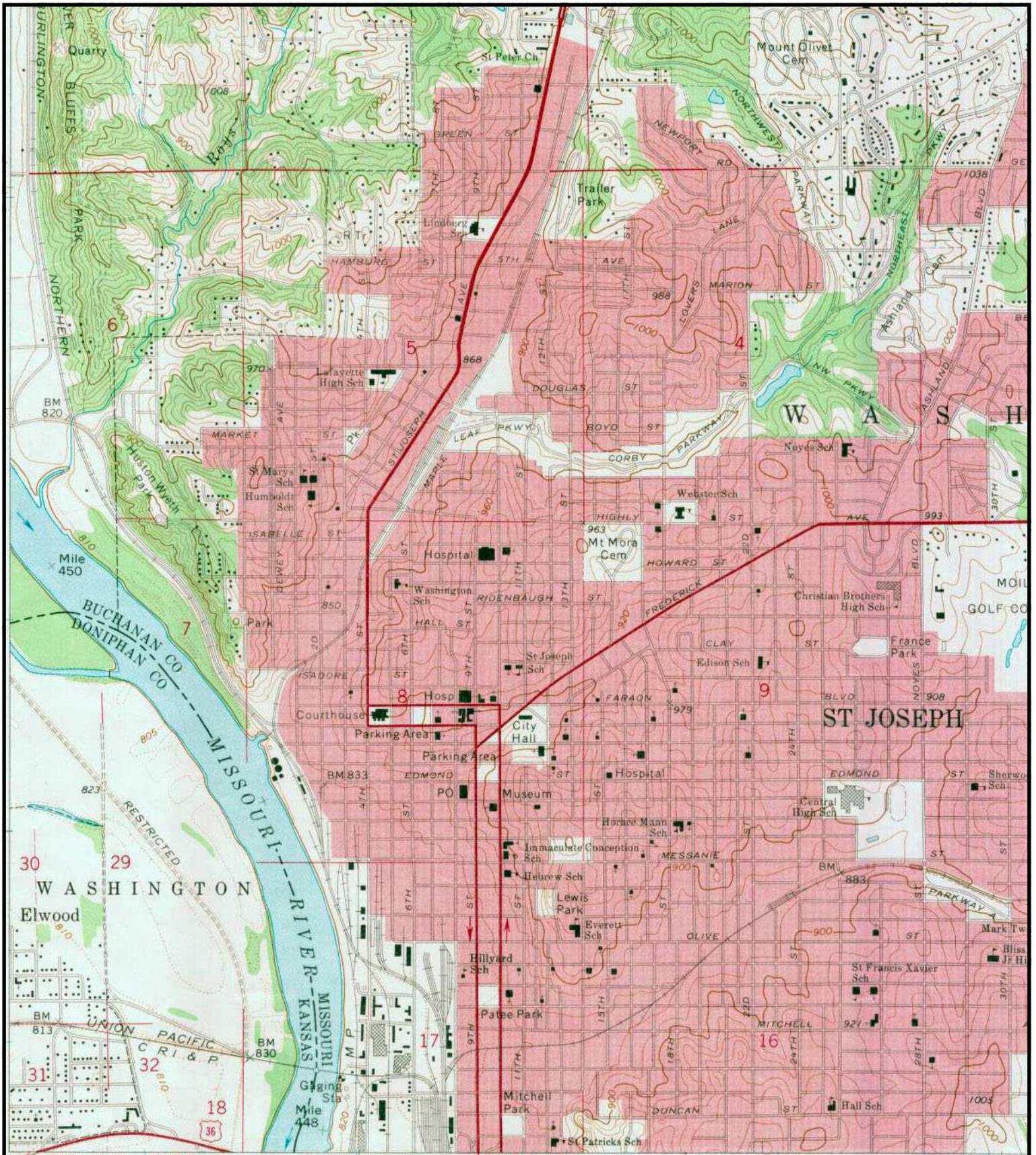


UNITED STATES GEOLOGICAL SURVEY 7.5 MINUTE SERIES TOPOGRAPHIC MAP 1:24,000 SCALE

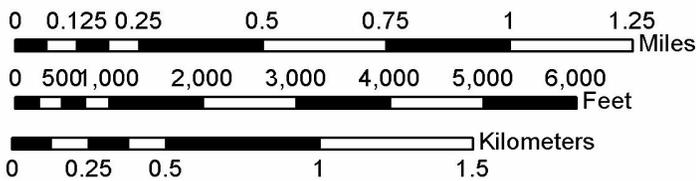


**SAINT JOSEPH NORTH,
MISSOURI**

1978

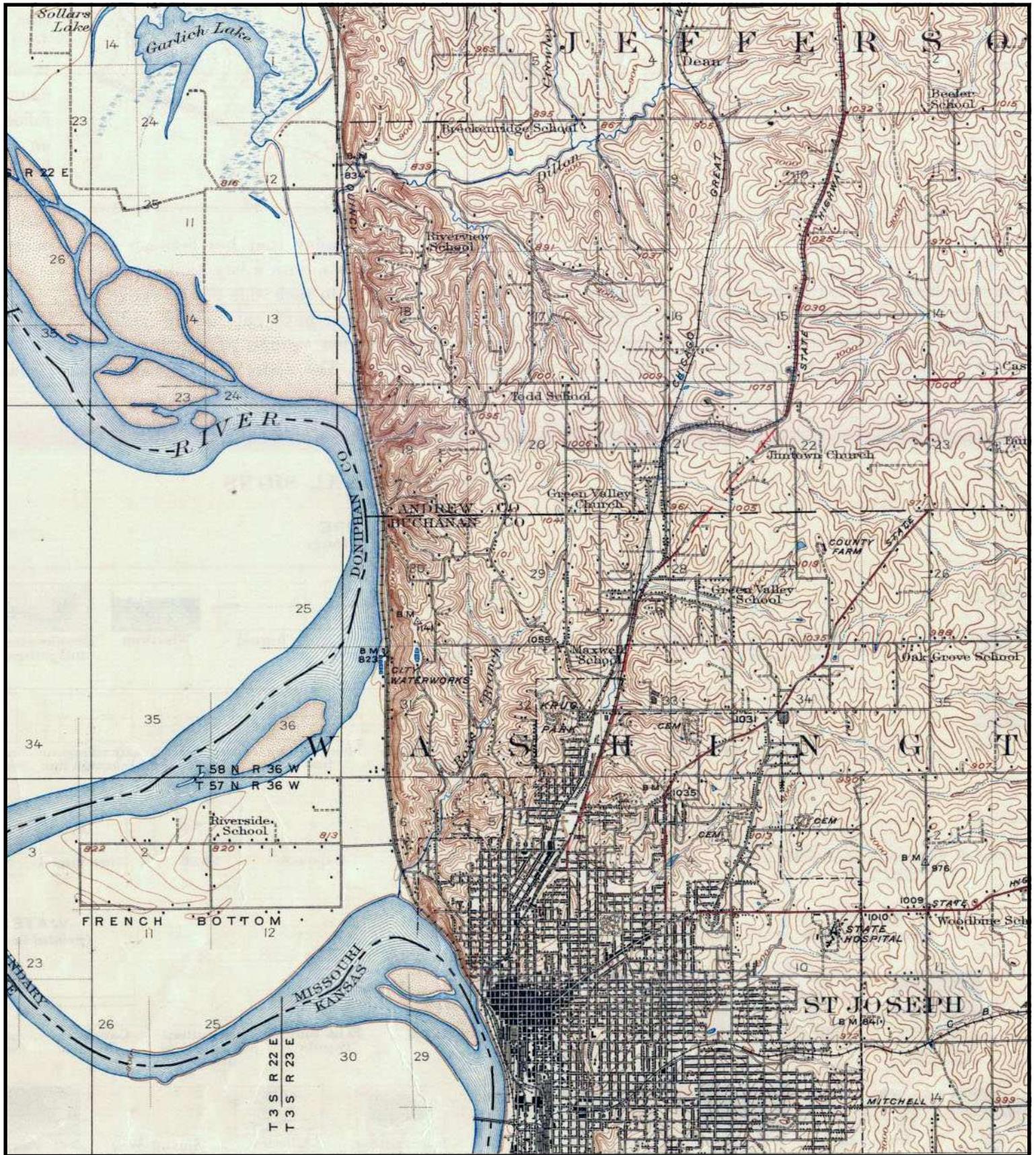


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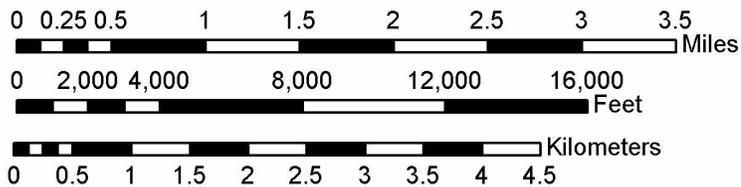


**SAINT JOSEPH NORTH,
MISSOURI**

1971



UNITED STATES GEOLOGICAL SURVEY 15 MINUTE SERIES TOPOGRAPHIC MAP 1:62,500 SCALE



SAINT JOSEPH, MISSOURI

1926



Summary of Historical Research

Site Location

St Joseph Targeted Brownfields
St Joseph, MO

Conducted For

Seagull Environmental Technologies
11905 Gillette Street
Overland Park, KS

HIG Project Number:

MAJ-3631

Completion Date:

12/1/09

Historical Information Gatherers, Inc. (HIG) researches and obtains data from numerous sources and publishers. This Summary of Historical Research presents a summary of the services requested and a list of the data provided by HIG for the above referenced site. When a particular product or service was requested but not available, the research conducted by HIG is summarized below. Please see page 2 for HIG's Disclaimer & Waiver of Liability and Copyright Notices.

Services

Requested: **Aerial Photography:** Aerial Photographs from the years listed below are provided for the site location. The year and scale of each photograph is provided on the photograph title block.

- 1936, 1953, 1958, 1969, 1972, 1981, 1986, 1991, 1997, 2003, 2008

City Directories: HIG researched City Directory coverage for the site, with the following results:

The following City Directory(s) were located and provided for the streets and years listed:

- USGS Topographic Maps:** 1926, 1971, 1978, 1997

- FIM+ :** HIG researched available Fire Insurance and similar maps. See attached report for complete details.

- Additional Maps:**

- Well Information:** Well Records and/or Location Maps are provided for wells that may be located on or near the site. This well information was obtained from the following source(s):

- Property Records Review:** HIG researched information pertaining to the site at local government offices. A summary of this research and the corresponding documents are included in the attached Summary of Local Government Records.

- Regulatory Database Report:** GeoSearch has prepared a Radius Report for the site. The report includes all databases and search radii required to comply with the AAI rule and ASTM Standard for Phase I Environmental Assessments. Please see full report for details on database and radii included for the site.



Disclaimer & Waiver of Liability

This Summary of Historical Research and the included documents (hereafter referred to as the "HIG Report") contain information obtained from a variety of public and other sources. Additional relevant information for the site and surrounding properties may exist. Accordingly, there can be no guaranty that the information provided is complete. No warranty expressed or implied, is made whatsoever in connection with this HIG Report. Historical Information Gatherers, Inc. (HIG) specifically disclaims the making of any such warranties, including without limitation, merchantability or fitness for a particular purpose.

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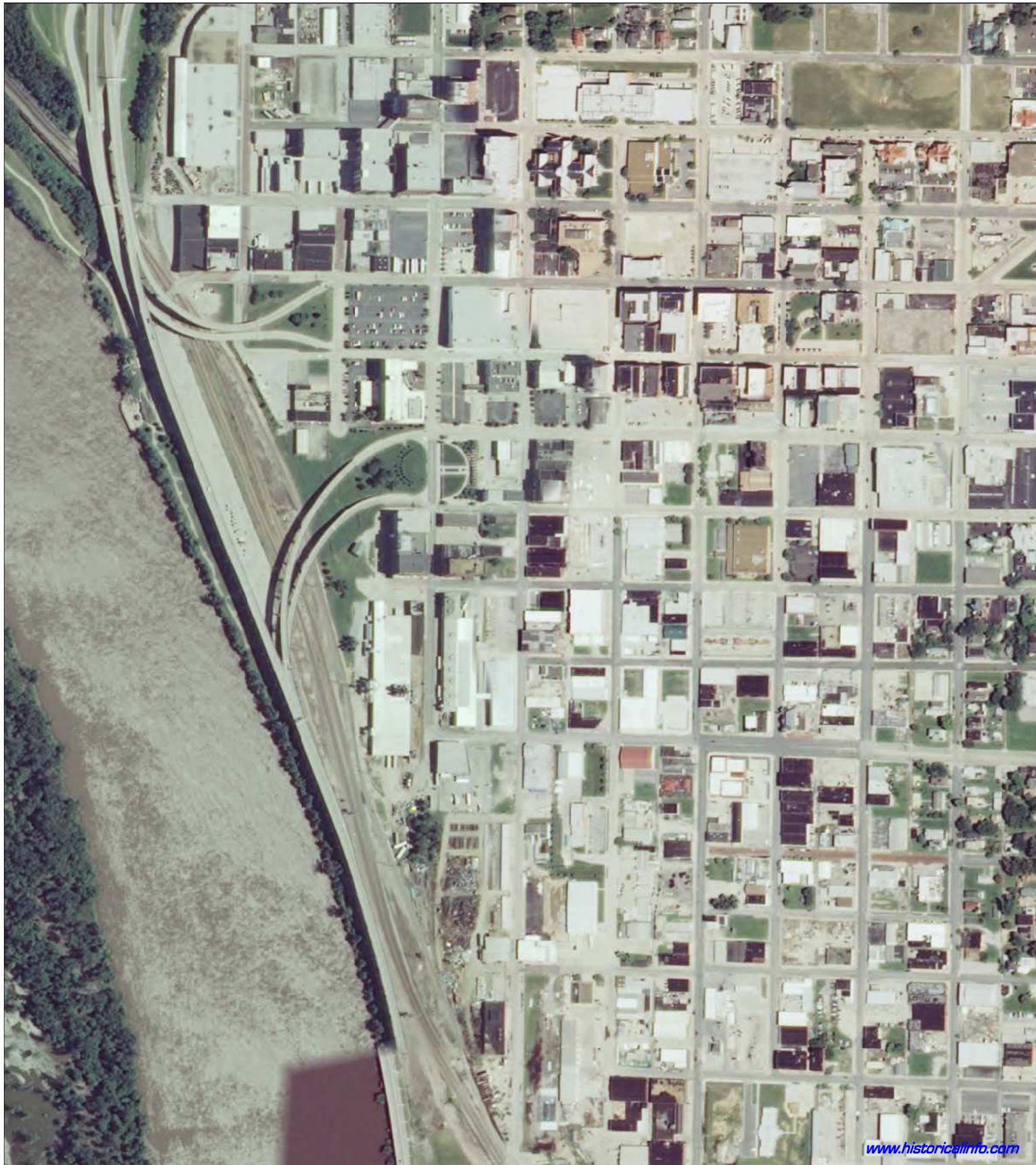
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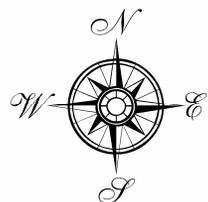
St Joseph Targeted
Brownfields Assessments
Downtown
St Joseph, Missouri

2008

HIG Project Number: MAJ-3631

Client Project Number: NA

Approximate Scale 1:6000 (1"=500')





www.historicalinfo.com



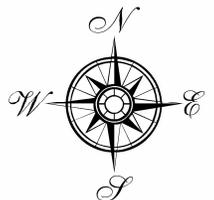
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Brownfields Assessments
Downtown
St Joseph, Missouri

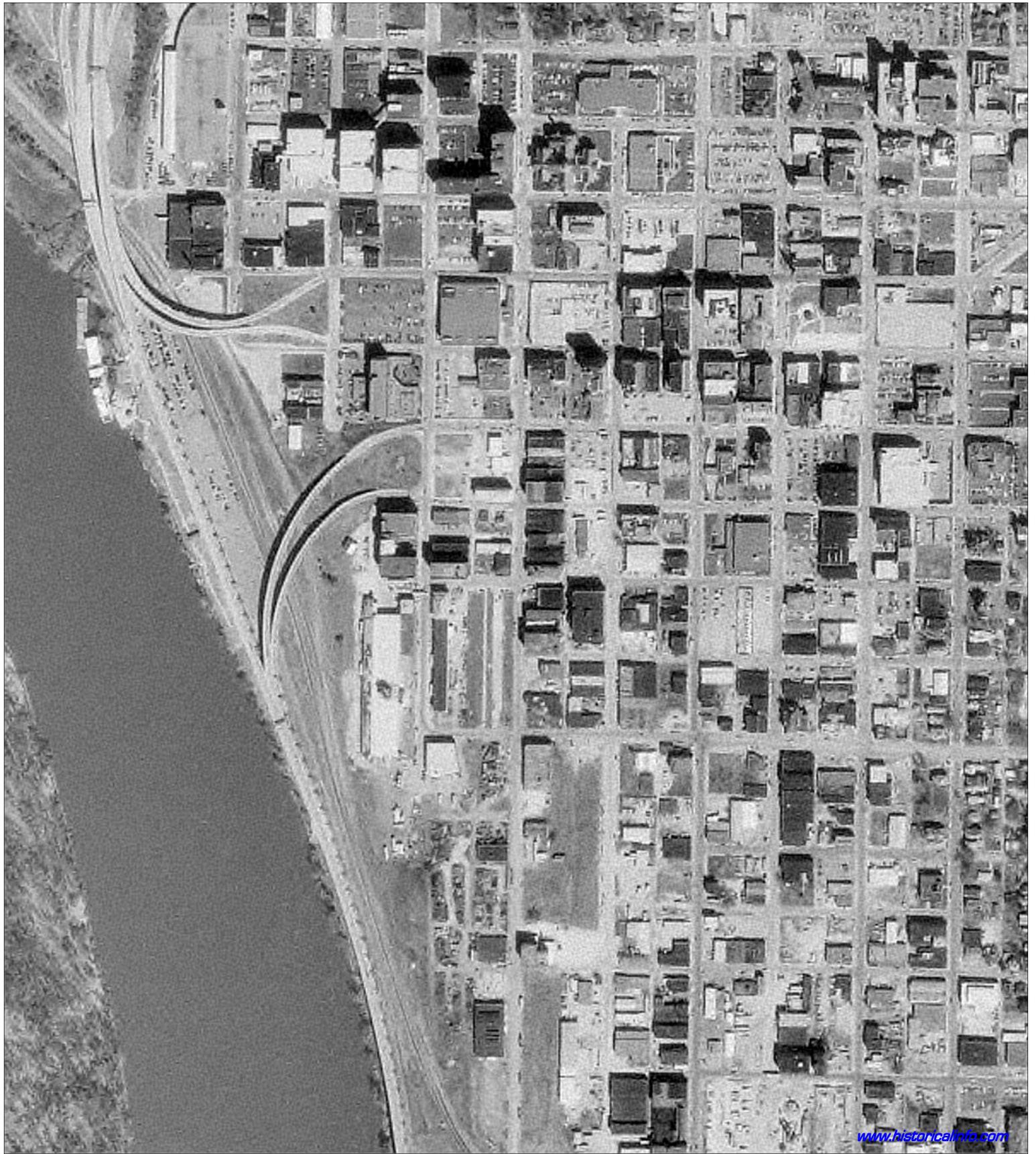
2003

HIG Project Number: MAJ-3631

Client Project Number: NA

Approximate Scale 1:6000 (1"=500')





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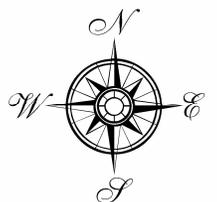
St Joseph Targeted
Brownfields Assessments
Downtown
St Joseph, Missouri

1997

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Client Project Number: NA

Approximate Scale 1:6000 (1"=500')





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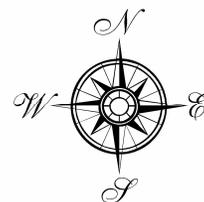
St Joseph Targeted
Brownfields Assessments
Downtown
St Joseph, Missouri

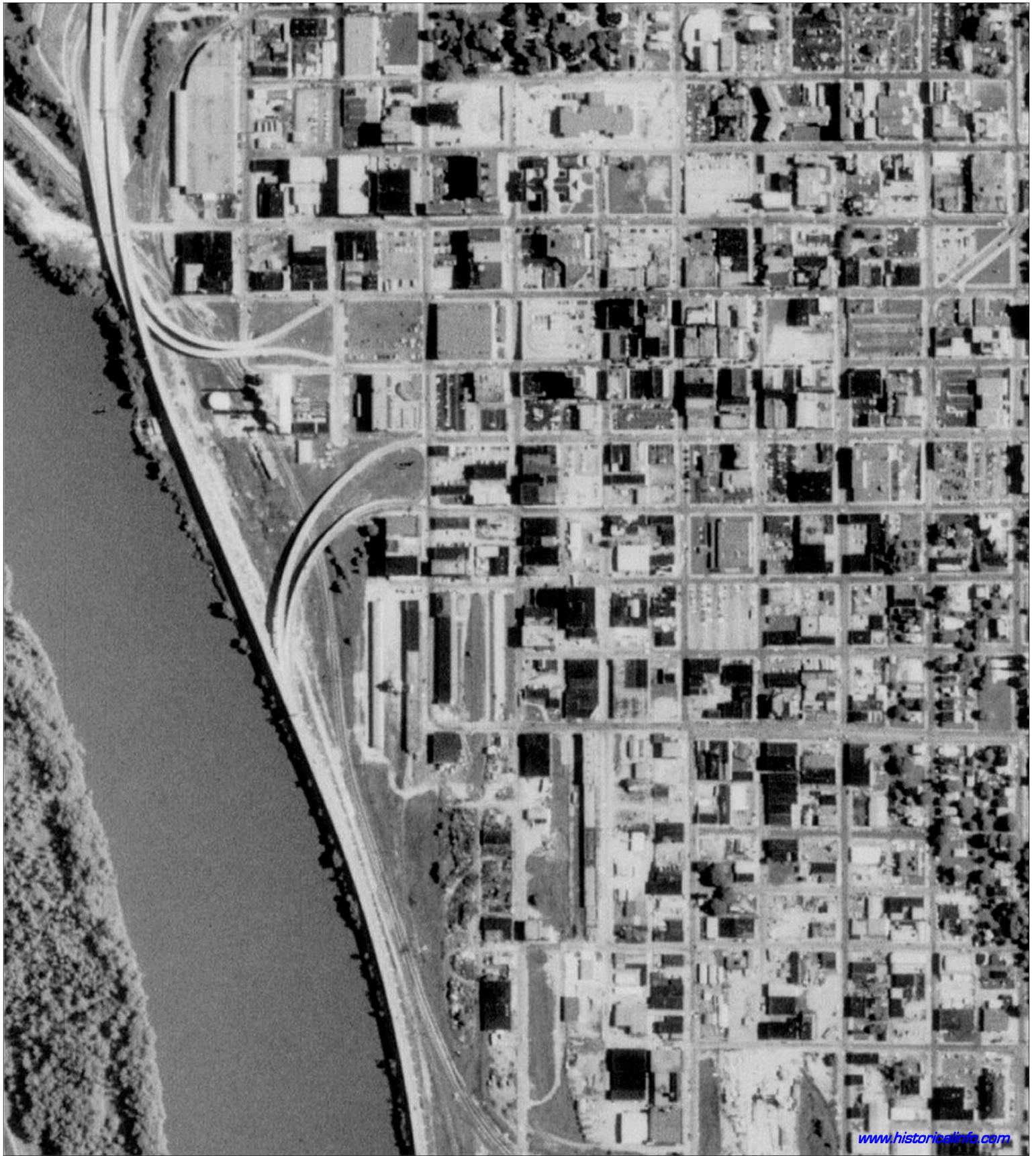
1991

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Client Project Number: NA

Approximate Scale 1:6000 (1"=500')





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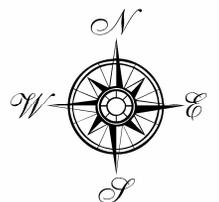
St Joseph Targeted
Brownfields Assessments
Downtown
St Joseph, Missouri

1986

HIG Project Number: MAJ-3631

Client Project Number: NA

Approximate Scale 1:6000 (1"=500')





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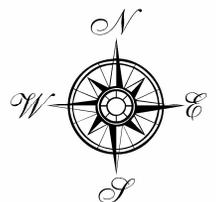
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Brownfields Assessments
Downtown
St Joseph, Missouri

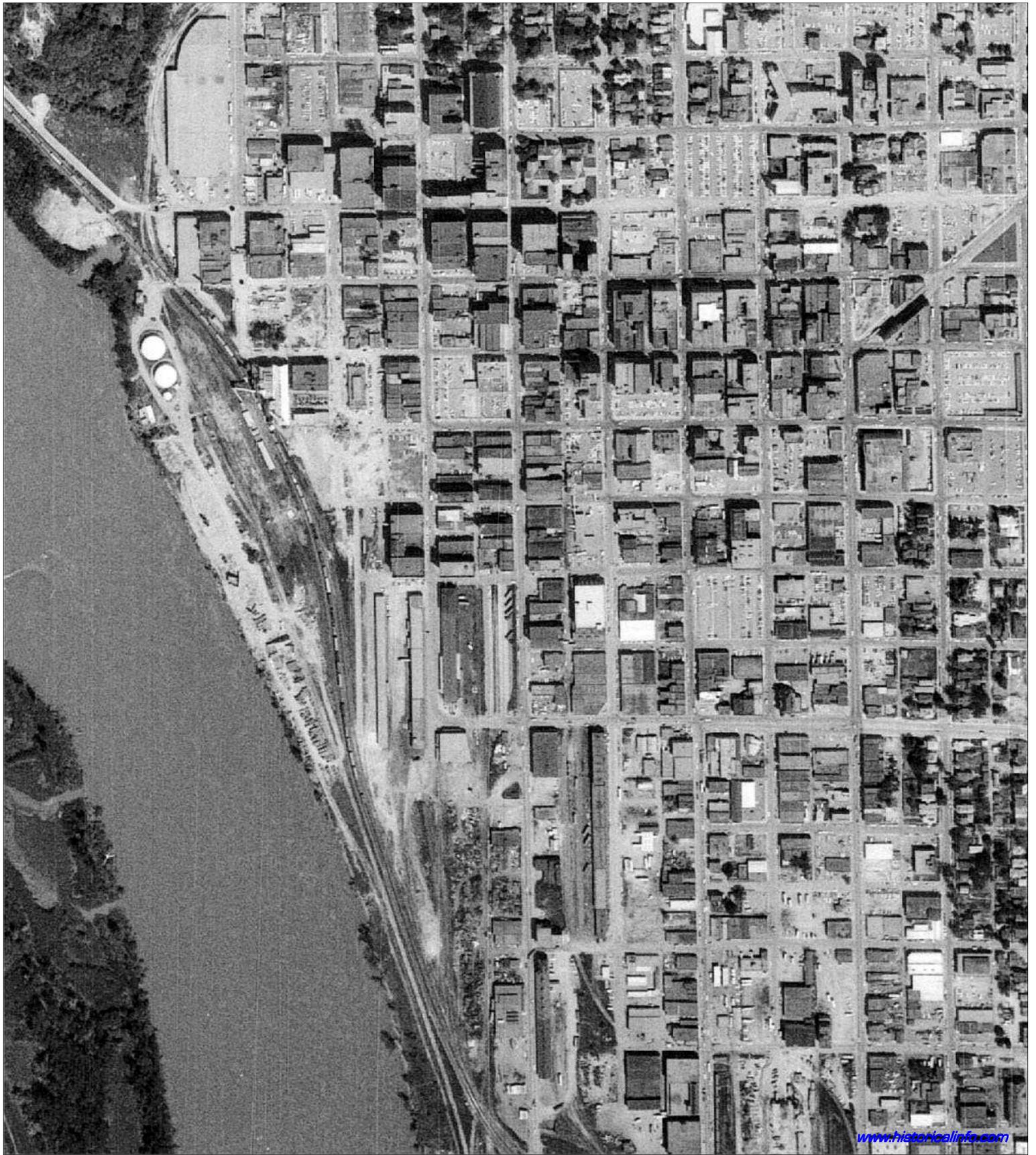
1981

HIG Project Number: MAJ-3631

Client Project Number: NA

Approximate Scale 1:6000 (1"=500')





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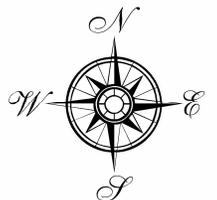
St Joseph Targeted
Brownfields Assessments
Downtown
St Joseph, Missouri

1972

HIG Project Number: MAJ-3631

Client Project Number: NA

Approximate Scale 1:6000 (1"=500')





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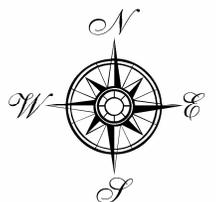
St Joseph Targeted
Brownfields Assessments
Downtown
St Joseph, Missouri

1969

HIG Project Number: MAJ-3631

Client Project Number: NA

Approximate Scale 1:9600 (1"=800')





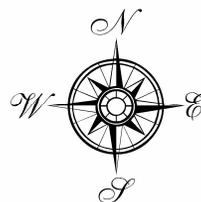
St Joseph Targeted
Brownfields Assessments
Downtown
St Joseph, Missouri

1958

HIG Project Number: MAJ-3631

Client Project Number: NA

Approximate Scale 1:6000 (1"=500')





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HISTORICAL
INFORMATION
GATHERERS, INC.

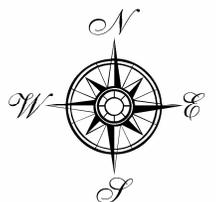
St Joseph Targeted
Brownfields Assessments
Downtown
St Joseph, Missouri

1953

HIG Project Number: MAJ-3631

Client Project Number: NA

Approximate Scale 1:6000 (1"=500')





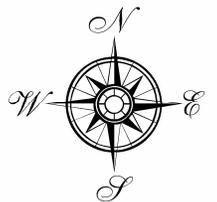
St Joseph Targeted
Brownfields Assessments
Downtown
St Joseph, Missouri

1936

HIG Project Number: MAJ-3631

Client Project Number: NA

Approximate Scale 1:6000 (1"=500')



St. Joseph TBAs

324 S 5th St
Saint Joseph, MO 64501

Inquiry Number: 2649308.4
December 08, 2009

The EDR-City Directory Abstract

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

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

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2009 Enhancements to EDR City Directory Abstract

New for 2009, the EDR City Directory Abstract has been enhanced with additional information and features. These enhancements will make your city directory research process more efficient, flexible, and insightful than ever before. The enhancements will improve the options for selecting adjoining properties, and will speed up your review of the report.

City Directory Report. Three important enhancements have been made to the EDR City Directory Abstract:

1. *Executive Summary.* The report begins with an Executive Summary that lists the sources consulted in the preparation of the report. Where available, a parcel map is also provided within the report, showing the locations of properties researched.
2. *Page Images.* Where available, the actual page source images will be included in the Appendix, so that you can review them for information that may provide additional insight. EDR has copyright permission to include these images.
3. *Findings Listed by Location.* Another useful enhancement is that findings are now grouped by address. This will significantly reduce the time you need to review your abstracts. Findings are provided under each property address, listed in reverse chronological order and referencing the source for each entry.

Options for Selecting Adjoining Properties. Ensuring that the right adjoining property addresses are searched is one of the biggest challenges that environmental professionals face when conducting city directory historical research. EDR's new enhancements make it easier for you to meet this challenge. Now, when you place an order for the EDR City Directory Abstract, you have the following choices for determining which addresses should be researched.

1. *You Select Addresses and EDR Selects Addresses.* Use the "Add Another Address" feature to specify the addresses you want researched. Your selections will be supplemented by addresses selected by EDR researchers using our established research methods. Where available, a digital map will be shown, indicating property lines overlaid on a color aerial photo and their corresponding addresses. Simply use the address list below the map to check off which properties shown on the map you want to include. You may also select other addresses using the "Add Another Address" feature at the bottom of the list.
2. *EDR Selects Addresses.* Choose this method if you want EDR's researchers to select the addresses to be researched for you, using our established research methods.
3. *You Select Addresses.* Use this method for research based solely on the addresses you select or enter into the system.
4. *Hold City Directory Research Option.* If you choose to select your own adjoining addresses, you may pause production of your EDR City Directory Abstract report until you have had a chance to look at your other EDR reports and sources. Sources for property addresses include: your Certified Sanborn Map Report may show you the location of property addresses; the new EDR Property Tax Map Report may show the location of property addresses; and your field research can supplement these sources with additional address information. To use this capability, simply click "Hold City Directory research" box under "Other Options" at the bottom of the page. Once you have determined what addresses you want researched, go to your EDR Order Status page, select the EDR City Directory Abstract, and enter the addresses and submit for production.

Questions? Contact your EDR representative at 800-352-0050. For more information about all of EDR's 2009 report and service enhancements, visit www.edrnet.com/2009enhancements

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

| <u>Year</u> | <u>Source</u> | <u>TP</u> | <u>Adjoining</u> | <u>Text Abstract</u> | <u>Source Image</u> |
|-------------|-----------------------|-----------|------------------|----------------------|---------------------|
| 2010 | Polk's City Directory | - | X | X | - |
| 2005 | Polk's City Directory | - | X | X | - |
| 2000 | Polk's City Directory | - | X | X | - |
| 1995 | Polk's City Directory | - | X | X | - |
| 1990 | Polk's City Directory | - | X | X | - |
| 1985 | Polk's City Directory | - | X | X | - |
| 1980 | Polk's City Directory | - | X | X | - |
| 1975 | Polk's City Directory | - | X | X | - |
| 1969 | Polk's City Directory | - | X | X | - |
| 1963 | Polk's City Directory | - | X | X | - |
| 1957 | Polk's City Directory | X | X | X | - |

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

| <u>Address</u> | <u>Type</u> | <u>Findings</u> |
|-------------------|----------------|-----------------|
| 302 S. 5th Street | Client Entered | |
| 324 S. 5th Street | Client Entered | X |
| 402 S. 5th Street | Client Entered | X |
| 421 Sylvania St | Client Entered | |

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

324 S 5th St
Saint Joseph, MO 64501

FINDINGS DETAIL

Target Property research detail.

| <u>Year</u> | <u>Uses</u> | <u>Source</u> |
|-------------|-----------------|-----------------------|
| 1957 | Paul's Eat Shop | Polk's City Directory |

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

S. 5th Street

203 S. 5th Street

| <u>Year</u> | <u>Uses</u> | <u>Source</u> |
|-------------|--------------------------------|-----------------------|
| 2000 | Office Building (10 occupants) | Polk's City Directory |

205 S. 5th Street

| <u>Year</u> | <u>Uses</u> | <u>Source</u> |
|-------------|--------------------|-----------------------|
| 2010 | No current listing | Polk's City Directory |
| 2005 | Residential | Polk's City Directory |
| 2000 | Residential | Polk's City Directory |

209 S. 5th Street

| <u>Year</u> | <u>Uses</u> | <u>Source</u> |
|-------------|---------------------------|-----------------------|
| 1995 | Vacant | Polk's City Directory |
| 1990 | Vacant | Polk's City Directory |
| 1985 | Vacant | Polk's City Directory |
| 1980 | Vacant | Polk's City Directory |
| 1975 | Vacant | Polk's City Directory |
| 1969 | Chandlers Red Barber Shop | Polk's City Directory |
| 1963 | Vacant | Polk's City Directory |
| 1957 | Wright Watch Repair | Polk's City Directory |

213 S. 5th Street

| <u>Year</u> | <u>Uses</u> | <u>Source</u> |
|-------------|---------------------------|-----------------------|
| 1995 | Advanced Business Systems | Polk's City Directory |
| | Talbots Office Solutions | Polk's City Directory |
| 1990 | Vacant | Polk's City Directory |
| 1985 | N C R Corp | Polk's City Directory |
| 1980 | N C R Corp | Polk's City Directory |
| 1975 | N C R Corp | Polk's City Directory |
| 1969 | National Cash Register Co | Polk's City Directory |
| 1963 | National Cash Register Co | Polk's City Directory |
| 1957 | Salvation Army Citadel | Polk's City Directory |

FINDINGS

214 S. 5th Street

| <u>Year</u> | <u>Uses</u> | <u>Source</u> |
|-------------|---------------------------|-----------------------|
| 1963 | Western Dairy & Ice Cream | Polk's City Directory |
| 1957 | Western Dairy & Ice Cream | Polk's City Directory |

218 S. 5th Street

| <u>Year</u> | <u>Uses</u> | <u>Source</u> |
|-------------|-----------------------------|-----------------------|
| 1980 | Hiland Dairy | Polk's City Directory |
| 1975 | Hiland Dairy & Ice Cream Co | Polk's City Directory |

219 S. 5th Street

| <u>Year</u> | <u>Uses</u> | <u>Source</u> |
|-------------|-------------------------------------|-----------------------|
| 1969 | Balsamo Cabinet Shop & Construction | Polk's City Directory |
| 1963 | Balsamo Cabinet Shop & Construction | Polk's City Directory |
| 1957 | Vacant | Polk's City Directory |

221 S. 5th Street

| <u>Year</u> | <u>Uses</u> | <u>Source</u> |
|-------------|-----------------------------|-----------------------|
| 2010 | Hiland Dairy Foods Co | Polk's City Directory |
| 2005 | Hiland Dairy Foods Co | Polk's City Directory |
| 2000 | Hiland Dairy Foods Co | Polk's City Directory |
| 1995 | Hiland Dairy Foods Co | Polk's City Directory |
| 1990 | Hiland Dairy | Polk's City Directory |
| 1985 | Hiland Dairy | Polk's City Directory |
| 1980 | Hiland Dairy (garage) | Polk's City Directory |
| 1975 | Hiland Dairy & Ice Cream Co | Polk's City Directory |
| 1969 | Western Dairy & Ice Cream | Polk's City Directory |

224 S. 5th Street

| <u>Year</u> | <u>Uses</u> | <u>Source</u> |
|-------------|---------------------------|-----------------------|
| 1963 | Western Dairy & Ice Cream | Polk's City Directory |
| 1957 | Western Dairy & Ice Cream | Polk's City Directory |

300 S. 5th Street

| <u>Year</u> | <u>Uses</u> | <u>Source</u> |
|-------------|-------------|-----------------------|
| 1957 | Vacant | Polk's City Directory |

301 S. 5th Street

| <u>Year</u> | <u>Uses</u> | <u>Source</u> |
|-------------|-------------|-----------------------|
| 2000 | Residential | Polk's City Directory |
| 1990 | Vacant | Polk's City Directory |

FINDINGS

| <u>Year</u> | <u>Uses</u> | <u>Source</u> |
|-------------|------------------|-----------------------|
| 1985 | St Charles Hotel | Polk's City Directory |
| 1980 | St Charles Hotel | Polk's City Directory |
| 1975 | St Charles Hotel | Polk's City Directory |
| 1969 | St Charles Hotel | Polk's City Directory |
| 1963 | St Charles Hotel | Polk's City Directory |
| 1957 | St Charles Hotel | Polk's City Directory |

303 S. 5th Street

| <u>Year</u> | <u>Uses</u> | <u>Source</u> |
|-------------|----------------------------|-----------------------|
| 2000 | Fitzsimmons Russell Realty | Polk's City Directory |
| 1985 | St Charles Hotel | Polk's City Directory |
| 1980 | T K O Chemical Co | Polk's City Directory |
| 1975 | T K O Chemical Co | Polk's City Directory |
| 1969 | T K O Chemical Co | Polk's City Directory |

310 S. 5th Street

| <u>Year</u> | <u>Uses</u> | <u>Source</u> |
|-------------|-------------------------|-----------------------|
| 1995 | Not Verified | Polk's City Directory |
| 1990 | Hiland Dairy Parking | Polk's City Directory |
| 1985 | Hiland Dairy Parking | Polk's City Directory |
| 1980 | Farmland Soy Processing | Polk's City Directory |
| | Hiland Dairy Parking | Polk's City Directory |
| 1975 | Far Mar Co Inc | Polk's City Directory |
| | Hiland Dairy Parking | Polk's City Directory |
| 1969 | Swafford Auto Park | Polk's City Directory |
| 1963 | Swafford Auto Park | Polk's City Directory |
| 1957 | Swafford Auto Park | Polk's City Directory |

311 S. 5th Street

| <u>Year</u> | <u>Uses</u> | <u>Source</u> |
|-------------|-------------|-----------------------|
| 1957 | Vacant | Polk's City Directory |

313 S. 5th Street

| <u>Year</u> | <u>Uses</u> | <u>Source</u> |
|-------------|-------------|-----------------------|
| 1980 | Residential | Polk's City Directory |
| 1975 | Residential | Polk's City Directory |
| 1969 | Residential | Polk's City Directory |
| 1963 | Residential | Polk's City Directory |
| 1957 | Residential | Polk's City Directory |

FINDINGS

313 1/2 S. 5th Street

| <u>Year</u> | <u>Uses</u> | <u>Source</u> |
|-------------|-------------|-----------------------|
| 1980 | Residential | Polk's City Directory |
| 1975 | Residential | Polk's City Directory |
| 1969 | No Return | Polk's City Directory |

315 S. 5th Street

| <u>Year</u> | <u>Uses</u> | <u>Source</u> |
|-------------|-------------|-----------------------|
| 1980 | Residential | Polk's City Directory |
| 1975 | Residential | Polk's City Directory |
| 1969 | Residential | Polk's City Directory |
| 1963 | Residential | Polk's City Directory |
| 1957 | Residential | Polk's City Directory |

315 1/2 S. 5th Street

| <u>Year</u> | <u>Uses</u> | <u>Source</u> |
|-------------|-------------|-----------------------|
| 1980 | Residential | Polk's City Directory |
| 1975 | Residential | Polk's City Directory |
| 1969 | No Return | Polk's City Directory |
| 1963 | Residential | Polk's City Directory |
| 1957 | Residential | Polk's City Directory |

324 S. 5th Street

| <u>Year</u> | <u>Uses</u> | <u>Source</u> |
|-------------|-----------------|-----------------------|
| 1957 | Paul's Eat Shop | Polk's City Directory |

402 S. 5th Street

| <u>Year</u> | <u>Uses</u> | <u>Source</u> |
|-------------|------------------------|-----------------------|
| 1995 | Vacant | Polk's City Directory |
| 1957 | Central Transfer | Polk's City Directory |
| | Gereke Allen Carton Co | Polk's City Directory |
| | Graham Paper Cp | Polk's City Directory |

419 S. 5th Street

| <u>Year</u> | <u>Uses</u> | <u>Source</u> |
|-------------|---------------------------|-----------------------|
| 1963 | Western Dairy & Ice Cream | Polk's City Directory |
| 1957 | Western Dairy & Ice Cream | Polk's City Directory |

corner S. 5th Street

| <u>Year</u> | <u>Uses</u> | <u>Source</u> |
|-------------|--------------------------------|-----------------------|
| 1963 | Dannen Mills Div Farmers Union | Polk's City Directory |

FINDINGS

| <u>Year</u> | <u>Uses</u> | <u>Source</u> |
|-------------|------------------|-----------------------|
| 1963 | Dannen Mills Inc | Polk's City Directory |

FINDINGS

TARGET PROPERTY: ADDRESS NOT LISTED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not listed in the research source.

Address Researched

324 S 5th St

Address Not Listed in Research Source

2010, 2005, 2000, 1995, 1990, 1985, 1980, 1975, 1969, 1963

ADJOINING PROPERTY: ADDRESSES NOT LISTED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not listed in research source.

Address Researched

203 S. 5th Street

205 S. 5th Street

218 S. 5th Street

221 S. 5th Street

301 S. 5th Street

302 S. 5th Street

303 S. 5th Street

313 1/2 S. 5th Street

324 S. 5th Street

402 S. 5th Street

421 Sylvania St

corner S. 5th Street

Address Not Listed in Research Source

1995, 1990, 1985, 1980, 1975, 1969, 1963, 1957

1995, 1990, 1985, 1980, 1975, 1969, 1963, 1957

1969, 1963, 1957

1963, 1957

1995

2010, 2005, 2000, 1995, 1990, 1985, 1980, 1975, 1969, 1963, 1957

1995, 1990, 1963, 1957

1963, 1957

2010, 2005, 2000, 1995, 1990, 1985, 1980, 1975, 1969, 1963

2010, 2005, 2000, 1990, 1985, 1980, 1975, 1969, 1963

2010, 2005, 2000, 1995, 1990, 1985, 1980, 1975, 1969, 1963, 1957

1957

APPENDIX E
USER-PROVIDED INFORMATION

User Name: City of St. Joseph

Site Name: 302 S. 5th Street

Date: December 14, 2009

Prepared by: Clint Thompson

Title: Director, Planning and Development

(1) Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25).

Are you aware of any environmental cleanup liens against the *property* that are filed or recorded under federal, tribal, state or local law? NO

(2) Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26).

Are you aware of any AULs, such as *engineering controls*, land use restrictions or *institutional controls* that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law? NO

(3) Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28).

As the *user* of this *ESA* do you have any specialized knowledge or experience related to the *property* or nearby properties? For example, are you involved in the same line of business as the current or former *occupants* of the *property* or an adjoining *property* so that you would have specialized knowledge of the chemicals and processes used by this type of business? NO

(4) Relationship of the purchase price to the fair market value of the *property* if it were not contaminated (40 CFR 312.29).

Does the purchase price being paid for this *property* reasonably reflect the fair market value of the *property*? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the *property*? Would be fair market value.

(5) Commonly known or *reasonably ascertainable* information about the *property* (40 CFR 312.30).

Are you aware of commonly known or *reasonably ascertainable* information about the *property* that would help the *environmental professional* to identify conditions indicative of releases or threatened releases? For example, as *user*,

- (a.) Do you know the past uses of the *property*? NO
- (b.) Do you know of specific chemicals that are present or once were present at the *property*? NO
- (c.) Do you know of spills or other chemical releases that have taken place at the *property*? NO
- (d.) Do you know of any environmental cleanups that have taken place at the *property*? NO

(6) The degree of obviousness of the presence of likely presence of contamination at the *property*, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).

As the *user* of this *ESA*, based on your knowledge and experience related to the *property* are there any *obvious* indicators that point to the presence or likely presence of contamination at the *property*? NO

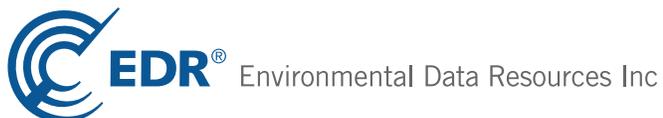
APPENDIX F
EDR REPORT

St. Joseph TBAs

302 S. 5th St, 421 Sylvania St, 324 S. 5th St.
Saint Joseph, MO 64501

Inquiry Number: 2649308.2s
December 01, 2009

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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| Orphan Summary | 182 |
| Government Records Searched/Data Currency Tracking | GR-1 |
| <u>GEOCHECK ADDENDUM</u> | |
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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

302 S. 5TH ST, 421 SYLVANIE ST, 324 S. 5TH ST.
SAINT JOSEPH, MO 64501

COORDINATES

Latitude (North): 39.764500 - 39° 45' 52.2"
Longitude (West): 94.854400 - 94° 51' 15.8"
Universal Transverse Mercator: Zone 15
UTM X (Meters): 341157.3
UTM Y (Meters): 4403054.5
Elevation: 839 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 39094-G7 SAINT JOSEPH NORTH, MO
Most Recent Revision: 2001

West Map: 39094-G8 WATHENA, KS
Most Recent Revision: 1977

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 2005, 2006
Source: USDA

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List

EXECUTIVE SUMMARY

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Transporters, 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 - equivalent CERCLIS

MO SHWS..... Registry of Confirmed Abandoned or Uncontrolled Hazardous Waste Disposal Sites
KS SHWS..... Identified Sites List

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

MO SWF/LF..... Permitted Facility List
KS SWF/LF..... Directory of Sanitary Landfills, Solid Waste Transfer Stations and Collector in
Kansas

State and tribal leaking storage tank lists

KS LUST..... Leaking Underground Storage Tank Data
MO LAST..... Leaking Aboveground Storage Tanks
KS LAST..... Leaking Aboveground Storage Tanks
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

KS UST..... Underground Storage Tank Data
KS AST..... Aboveground Storage Tank Data
INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

KS VCP..... Identified Sites List
INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

KS BROWNFIELDS..... Identified Sites List

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

ODI..... Open Dump Inventory
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
MO HIST LF..... Solid Waste Facility Database List
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs
MO DEL SHWS..... Registry Sites Withdrawn or Deleted
MO CDL..... Environmental Emergency Response System
KS CDL..... Clandestine Laboratory Data
US HIST CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information
LUCIS..... Land Use Control Information System

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
MO SPILLS..... Environmental Response Tracking Database
KS SPILLS..... Kansas Spills Database

Other Ascertainable Records

DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites
MINES..... Mines Master Index File
TSCA..... Toxic Substances Control Act
SSTS..... Section 7 Tracking Systems
ICIS..... Integrated Compliance Information System
MLTS..... Material Licensing Tracking System
RADINFO..... Radiation Information Database
RAATS..... RCRA Administrative Action Tracking System
MO UIC..... Underground Injection Wells Database
KS UIC..... Underground Injection Wells Database Listing
MO DRYCLEANERS..... Drycleaners in Missouri Listing
KS DRYCLEANERS..... Registered Drycleaning Facilities
MO RRC..... Certified Hazardous Waste Resource Recovery Facilities
MO NPDES..... Permitted Facility Listing
MO AIRS..... Permit Facility Listing
INDIAN RESERV..... Indian Reservations
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
MO COAL ASH..... Coal Ash Disposal Sites
PCB TRANSFORMER..... PCB Transformer Registration Database

EXECUTIVE SUMMARY

KS COAL ASH..... Coal Ash Disposal Site Listing

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS list

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System 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.

A review of the CERCLIS list, as provided by EDR, and dated 06/30/2009 has revealed that there are 4 CERCLIS 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> |
|--------------------------------|-----------------------|-----------------------------|---------------|-------------|
| HPI SOUTH EIGHTH STREET | 424 SOUTH 8TH STREET | E 1/8 - 1/4 (0.217 mi.) | 41 | 121 |
| MERCURY-PATEE MARKET SPILL | 904 SOUTH 10TH STREET | SE 1/4 - 1/2 (0.479 mi.) | 59 | 178 |
| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
| HPI CHEMICAL PRODUCTS | 417 S. FOURTH ST. | WSW 0 - 1/8 (0.033 mi.) | B4 | 10 |
| HPI PRODUCTS, INC - 3RD STREET | 313 SOUTH 3RD STREET | W 0 - 1/8 (0.103 mi.) | F24 | 64 |

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 06/23/2009 has revealed that there are

EXECUTIVE SUMMARY

5 CERC-NFRAP 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> |
|---------------------------------------|-----------------------|--------------------------------|---------------|-------------|
| ST JOSEPH LIGHT & POWER CO | 520 FRANCIS ST | N 1/8 - 1/4 (0.174 mi.) | 34 | 102 |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|--------------------------------|-------------------------|-----------------------------|---------------|-------------|
| RICHMOND SCREW ANCHOR CO INC | 315 S 4TH ST | W 0 - 1/8 (0.035 mi.) | C7 | 19 |
| ST JOSEPH #2 FMGP | 510-514 S 5TH ST | S 0 - 1/8 (0.056 mi.) | D17 | 50 |
| ST JOSEPH LIGHT & POWER CO - O | S 5TH ST & OLIVE ST | S 1/4 - 1/2 (0.350 mi.) | L52 | 152 |
| ST JOSEPH #3 FMGP | S 6TH ST & LAFAYETTE ST | S 1/4 - 1/2 (0.433 mi.) | 56 | 158 |

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 11/12/2008 has revealed that there are 3 RCRA-LQG 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> |
|-------------------------------|----------------|-----------------------------|---------------|-------------|
| HPI PRODUCTS INC | 424 S 8TH ST | E 1/8 - 1/4 (0.181 mi.) | 35 | 105 |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|------------------------|----------------|-----------------------------|---------------|-------------|
| HPI PRODUCTS INC | 417 S 4TH ST | WSW 0 - 1/8 (0.034 mi.) | B5 | 11 |
| H P I PRODUCTS INC | 222 SYLVANIE | W 1/8 - 1/4 (0.133 mi.) | H29 | 77 |

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 11/12/2008 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> |
|---------------------------------------|-----------------------|--------------------------------|---------------|-------------|
| ST JOSEPH LIGHT & POWER CO | 520 FRANCIS ST | N 1/8 - 1/4 (0.174 mi.) | 34 | 102 |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|--------------------------------|----------------|-----------------------------|---------------|-------------|
| ENVIRONMENTAL SAMPLING TECH IN | 502 S 5TH ST | S 0 - 1/8 (0.052 mi.) | D12 | 38 |

EXECUTIVE SUMMARY

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 11/12/2008 has revealed that there is 1 RCRA-CESQG site within approximately 0.25 miles of the target property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|------------------------|----------------|-----------------------------|---------------|-------------|
| SALVATION ARMY | 618 S 6TH ST | SSE 1/8 - 1/4 (0.138 mi.) | I30 | 96 |

State and tribal leaking storage tank lists

MO LUST: Leaking Underground Storage Tanks.

A review of the MO LUST list, as provided by EDR, and dated 09/23/2009 has revealed that there are 10 MO 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> |
|---|------------------------------|----------------------------------|---------------|-------------|
| <i>HILAND DAIRY DIVISION</i> | <i>221 S 5TH ST</i> | <i>N 0 - 1/8 (0.052 mi.)</i> | <i>13</i> | <i>40</i> |
| <i>CENTRAL FIRE STATION</i> | <i>401 S 7TH ST</i> | <i>E 0 - 1/8 (0.117 mi.)</i> | <i>G27</i> | <i>72</i> |
| Date Of NFA Letter From DNR: 07/22/2004 | | | | |
| <i>RONALD WOOD DBA LAKE DRIVE INC</i> | <i>RFD 6</i> | <i>N 1/8 - 1/4 (0.223 mi.)</i> | <i>J42</i> | <i>122</i> |
| Date Of NFA Letter From DNR: 06/24/2002 | | | | |
| <i>LAW ENFORCEMENT CENTER</i> | <i>501 FARAON ST</i> | <i>N 1/4 - 1/2 (0.285 mi.)</i> | <i>48</i> | <i>133</i> |
| <i>ROBIDOUX</i> | <i>EDMOND & 10TH ST</i> | <i>ENE 1/4 - 1/2 (0.322 mi.)</i> | <i>50</i> | <i>143</i> |
| <i>HEARTLAND REGIONAL MEDICAL CEN</i> | <i>801 FARAON ST</i> | <i>NNE 1/4 - 1/2 (0.336 mi.)</i> | <i>51</i> | <i>145</i> |
| <i>SBC</i> | <i>320 NORTH 10TH STREET</i> | <i>NE 1/4 - 1/2 (0.395 mi.)</i> | <i>54</i> | <i>153</i> |
| <i>WIRE ROPE CORPORATION OF AMERI</i> | <i>609 N 2ND ST</i> | <i>NNW 1/4 - 1/2 (0.434 mi.)</i> | <i>57</i> | <i>159</i> |
| Date Of NFA Letter From DNR: 12/03/2001 | | | | |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|------------------------------------|---------------------|----------------------------------|---------------|-------------|
| <i>IMPERIAL SUPER GAS INC</i> | <i>811 S 6TH ST</i> | <i>SSE 1/4 - 1/2 (0.291 mi.)</i> | <i>49</i> | <i>137</i> |
| <i>CRISWELL PETROLEUM PROD, CO</i> | <i>916 S 9TH</i> | <i>SE 1/4 - 1/2 (0.442 mi.)</i> | <i>58</i> | <i>169</i> |

State and tribal registered storage tank lists

MO UST: Underground Storage Tank Information.

A review of the MO UST list, as provided by EDR, and dated 09/23/2009 has revealed that there are 10 MO 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> |
|---------------------------------------|----------------------|--------------------------------|---------------|-------------|
| <i>HILAND DAIRY DIVISION</i> | <i>221 S 5TH ST</i> | <i>N 0 - 1/8 (0.052 mi.)</i> | <i>13</i> | <i>40</i> |
| <i>RIVERMART</i> | <i>320 EDMOND ST</i> | <i>NW 0 - 1/8 (0.089 mi.)</i> | <i>E21</i> | <i>59</i> |
| <i>CENTRAL FIRE STATION</i> | <i>401 S 7TH ST</i> | <i>E 0 - 1/8 (0.117 mi.)</i> | <i>G27</i> | <i>72</i> |
| <i>RONALD WOOD DBA LAKE DRIVE INC</i> | <i>RFD 6</i> | <i>N 1/8 - 1/4 (0.223 mi.)</i> | <i>J42</i> | <i>122</i> |
| <i>HILLYARD INDUSTRIES</i> | <i>302 N 4TH ST</i> | <i>N 1/8 - 1/4 (0.233 mi.)</i> | <i>J44</i> | <i>129</i> |

EXECUTIVE SUMMARY

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|--------------------------------|-------------------------------------|--|---------------|-------------|
| SUNSHINE ELECTRIC ARENA | 501 SYLVANIE ST 4TH & CHARLES ST | 0 - 1/8 (0.000 mi.) W 0 - 1/8 (0.036 mi.) | A1 C8 | 7 20 |
| BROWN TRANSFER & STORAGE COMPA | MESSANIE ST BETWEEN 5TH | S 0 - 1/8 (0.055 mi.) | D15 | 48 |
| STEPHEN ROSENAUER | 524 S 5TH | S 0 - 1/8 (0.064 mi.) | D18 | 51 |
| CENTRAL TRUCK SERVICE | 5TH & MESSANIE | S 0 - 1/8 (0.108 mi.) | 25 | 65 |

MO AST: Aboveground Petroleum Storage.

A review of the MO AST list, as provided by EDR, and dated 10/01/2009 has revealed that there is 1 MO 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> |
|-------------------------------|----------------|-----------------------------|---------------|-------------|
| CITY STAR | 320 EDMOND | NW 0 - 1/8 (0.089 mi.) | E22 | 63 |

State and tribal voluntary cleanup sites

MO VCP: Voluntary Cleanup Program Site Listing.

A review of the MO VCP list, as provided by EDR, and dated 09/23/2009 has revealed that there are 4 MO VCP sites within approximately 0.5 miles of the target property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|--|---------------------------------------|--------------------------------------|------------------|------------------|
| <i>BROWN TRANSFER AND STORAGE (FO</i> | <i>402 S. 5TH STREET</i> | <i>0 - 1/8 (0.000 mi.)</i> | <i>A3</i> | <i>10</i> |
| <i>HEARTLAND/LIGHT AND POWER STOR</i> | <i>502 ANGELIQUE</i> | <i>S 0 - 1/8 (0.050 mi.)</i> | <i>D9</i> | <i>27</i> |
| <i>BIX SERVICE (FORMER)</i> | <i>507-523 SOUTH 6TH STREE</i> | <i>SE 0 - 1/8 (0.078 mi.)</i> | <i>20</i> | <i>58</i> |
| DOWNTOWN FURNITURE EMPORIUM | 302 S. 3RD STREET | W 0 - 1/8 (0.103 mi.) | F23 | 63 |

State and tribal Brownfields sites

MO BROWNFIELDS: Brownfields Site List

A review of the MO BROWNFIELDS list, as provided by EDR, and dated 09/23/2009 has revealed that there are 3 MO BROWNFIELDS sites within approximately 0.5 miles of the target property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|--|---------------------------------------|--------------------------------------|------------------|------------------|
| <i>BROWN TRANSFER AND STORAGE (FO</i> | <i>402 S. 5TH STREET</i> | <i>0 - 1/8 (0.000 mi.)</i> | <i>A3</i> | <i>10</i> |
| <i>HEARTLAND/LIGHT AND POWER STOR</i> | <i>502 ANGELIQUE</i> | <i>S 0 - 1/8 (0.050 mi.)</i> | <i>D9</i> | <i>27</i> |
| <i>BIX SERVICE (FORMER)</i> | <i>507-523 SOUTH 6TH STREE</i> | <i>SE 0 - 1/8 (0.078 mi.)</i> | <i>20</i> | <i>58</i> |

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

EXECUTIVE SUMMARY

US BROWNFIELDS: The EPA's listing of Brownfields properties addressed by Cooperative Agreement Recipients and Brownfields properties addressed by Targeted Brownfields Assessments

A review of the US BROWNFIELDS list, as provided by EDR, and dated 07/01/2009 has revealed that there is 1 US BROWNFIELDS site within approximately 0.5 miles of the target property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|--------------------------------|----------------------|-----------------------------|---------------|-------------|
| HEATLAND FOUNDATION EMPOWER PL | 502 ANGELIQUE STREET | S 0 - 1/8 (0.050 mi.) | D10 | 28 |

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 11/12/2008 has revealed that there are 16 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> |
|---|----------------------|----------------------------------|---------------|-------------|
| ST JOSEPH CENTRAL FIRE STA CIT | 401 S 7TH ST | E 0 - 1/8 (0.117 mi.) | G26 | 71 |
| CREVISTON & SON JEWELRY MFG CO | 114 N 7TH | NE 1/8 - 1/4 (0.172 mi.) | 33 | 101 |
| ST JOSEPH CITY OF | 224 N 4TH ST | N 1/8 - 1/4 (0.190 mi.) | 36 | 111 |
| AQUILA BUILDING SERVICE BLDG | 112 S 2ND ST | WNW 1/8 - 1/4 (0.205 mi.) | 39 | 116 |
| NEWS PRESS & GAZETTE CO | 825 EDMOND ST | ENE 1/8 - 1/4 (0.206 mi.) | 40 | 118 |
| FEDERAL EXPRESS CORP | 317 S 9TH ST | E 1/8 - 1/4 (0.248 mi.) | 45 | 131 |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|----------------------------------|----------------------|----------------------------------|---------------|-------------|
| SUNSHINE ELECTRONIC DISPLAY | 501 SYLVANIE | 0 - 1/8 (0.000 mi.) | A2 | 9 |
| RICHMOND SCREW ANCHOR CO INC | 315 S 4TH ST | W 0 - 1/8 (0.035 mi.) | C6 | 17 |
| HEARTLAND REG MED CTR WEST DEM | 520 ANGELIQUE | S 0 - 1/8 (0.051 mi.) | D11 | 36 |
| CENTRAL TRUCK SERVICE | 524 S 5TH | S 0 - 1/8 (0.064 mi.) | D19 | 57 |
| LESCO INC | 222B SYLVANIE | W 1/8 - 1/4 (0.132 mi.) | H28 | 76 |
| DALE ALLEY CO PLATTE CHEM | 202 SYLVANIE ST | W 1/8 - 1/4 (0.142 mi.) | H31 | 98 |
| ARNOLDS ANTIQUES | 644 S 6 ST | SSE 1/8 - 1/4 (0.157 mi.) | I32 | 99 |
| ST JOSEPH TRANSIT CITY OF | 702 S 5TH ST | S 1/8 - 1/4 (0.195 mi.) | 37 | 112 |
| NEW BONUS AUTO THE | 613 LOCUST ST | SSE 1/8 - 1/4 (0.201 mi.) | 38 | 114 |
| ADVANTAGE METALS RECYCLING LLC | 750 S 4TH ST | S 1/8 - 1/4 (0.227 mi.) | 43 | 128 |

CONSENT: Major Legal settlements that establish responsibility and standards for cleanup at NPL (superfund) sites. Released periodically by U.S. District Courts after settlement by parties to litigation matters.

A review of the CONSENT list, as provided by EDR, and dated 08/03/2009 has revealed that there is 1 CONSENT 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> |
|---------------------------------------|-------------------------------|------------------------------|---------------|-------------|
| FARMLAND INDUSTRIES OLD INSECT | 4TH ST & SENECA ST | S 1/2 - 1 (0.509 mi.) | 60 | 179 |

EXECUTIVE SUMMARY

EDR PROPRIETARY RECORDS

EDR Proprietary Records

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.

A review of the Manufactured Gas Plants list, as provided by EDR, has revealed that there are 6 Manufactured Gas Plants sites 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> |
|------------------------|-------------------------|-----------------------------|---------------|-------------|
| ST. JOSEPH FMGP #2 | | S 0 - 1/8 (0.053 mi.) | D14 | 48 |
| ST. JOSEPH FMGP #2 | 510-514 SOUTH 5TH ST. O | S 0 - 1/8 (0.056 mi.) | D16 | 50 |
| ST. JOSEPH FMGP #3 | 802 S. 5TH ST. (SOUTH | S 1/4 - 1/2 (0.279 mi.) | K46 | 133 |
| ST. JOSEPH FMGP #4 | | S 1/4 - 1/2 (0.282 mi.) | K47 | 133 |
| ST. JOSEPH FMGP #2 | | S 1/4 - 1/2 (0.353 mi.) | L53 | 153 |
| ST. JOSEPH FMGP #3 | | S 1/4 - 1/2 (0.407 mi.) | 55 | 158 |

EXECUTIVE SUMMARY

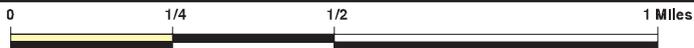
Due to poor or inadequate address information, the following sites were not mapped:

| <u>Site Name</u> | <u>Database(s)</u> |
|------------------------------------|---------------------|
| ST JOSEPH PUBLIC SCHOOLS | FTTS |
| ST JOSEPH LIGHT & POWER CO | FTTS |
| ST JOSEPH LIGHT & POWER | FTTS,HIST FTTS INSP |
| EAST HILLS CLEANERS | DRYCLEANERS |
| PIGEON HILL LANDFILL (NORRIS AND S | HWS |
| MERCURY-ST. JOSEPH CHRISTIAN SCHOO | CERCLIS |
| KUNKEL MERCURY | CERCLIS-NFRAP |
| KANSAS COMPOSTING, INC. | FINDS,LF |
| TRIPLE F FEEDLOT | LUST,UST |
| FORMER APCO STATION | LUST |
| WATHENA CONOCO | LUST |
| JACKS "66" ONE STOP | LUST |
| K & B SERVICE | UST |
| WIEDMAIER TRUCK STOP | AST |
| FILL UP GUYS | AST |
| AGRI LABORATORIES LTD | RCRA-SQG |
| DEAN MACHINERY CO | FINDS,RCRA-NLR |
| BOB WOLLENMAN | RCRA-NLR |
| FAMILY GUIDANCE CENTER | RCRA-NLR |
| DOYLE BRANT INC | RCRA-NLR |
| KING OIL STORE 2442 | RCRA-NLR |
| ALTEC INDUSTRIES INC | RCRA-NLR |
| G & L MILLWORK INC | RCRA-NLR |
| RUAN LEASING CO | FINDS,RCRA-NLR |
| SAINT JOSEPH DIESEL INC | RCRA-NLR |
| PETTYJOHNS AUTO SALVAGE | RCRA-NLR |
| BURLINGTON NORTHERN RAILROAD | RCRA-NLR |
| PENSKE TRUCK LEASING CO LP | RCRA-CESQG |
| UNITED PARCEL SERVICE | FINDS,RCRA-CESQG |
| ST. JOSEPH, CITY OF | FINDS |
| MERCURY-ST. JOSEPH CHRISTIAN SCHOO | FINDS |
| ST JOE PETROLEUM COMPANY | FINDS |
| SAINT JOSEPH DIESEL INC | FINDS |
| ST JOSEPH | FINDS |
| ST JOSEPH OPEN DUMP | ICIS |
| ST JOSEPH AGRI SERVICES INC | SSTS |

OVERVIEW MAP - 2649308.2s



- 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
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory

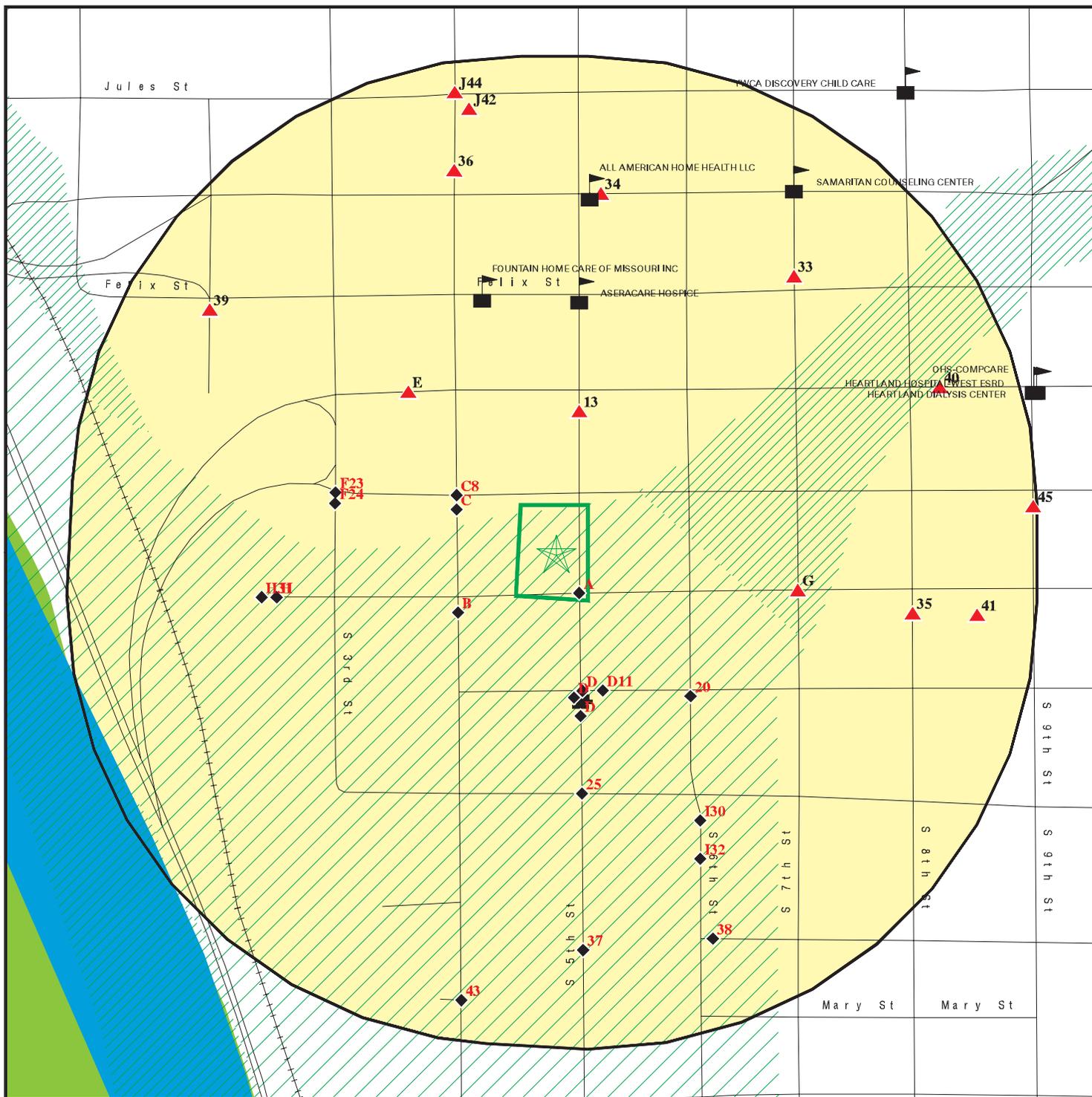


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: St. Joseph TBAs
 ADDRESS: 302 S. 5th St, 421 Sylvania St, 324 S. 5th St.
 Saint Joseph MO 64501
 LAT/LONG: 39.7645 / 94.8544

CLIENT: Seagull Env. Technologies
 CONTACT: Jeff Pritchard
 INQUIRY #: 2649308.2s
 DATE: December 01, 2009 5:51 pm

DETAIL MAP - 2649308.2s



- 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
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory

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: St. Joseph TBAs
 ADDRESS: 302 S. 5th St, 421 Sylvania St, 324 S. 5th St.
 Saint Joseph MO 64501
 LAT/LONG: 39.7645 / 94.8544

CLIENT: Seagull Env. Technologies
 CONTACT: Jeff Pritchard
 INQUIRY #: 2649308.2s
 DATE: December 01, 2009 5:52 pm

MAP FINDINGS SUMMARY

| Database | Target Property | Search Distance (Miles) | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|--|-----------------|-------------------------|-------|-----------|-----------|---------|-----|---------------|
| 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 | 2 | 1 | 1 | NR | NR | 4 |
| <i>Federal CERCLIS NFRAP site List</i> | | | | | | | | |
| | CERC-NFRAP | 0.500 | 2 | 1 | 2 | NR | NR | 5 |
| <i>Federal RCRA CORRACTS facilities list</i> | | | | | | | | |
| | CORRACTS | 1.000 | 0 | 0 | 0 | 0 | NR | 0 |
| <i>Federal RCRA non-CORRACTS TSD facilities list</i> | | | | | | | | |
| | RCRA-TSDF | 0.500 | 0 | 0 | 0 | NR | NR | 0 |
| <i>Federal RCRA generators list</i> | | | | | | | | |
| | RCRA-LQG | 0.250 | 1 | 2 | NR | NR | NR | 3 |
| | RCRA-SQG | 0.250 | 1 | 1 | 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> | | | | | | | | |
| | MO SHWS | 1.000 | 0 | 0 | 0 | 0 | NR | 0 |
| | KS SHWS | 1.000 | 0 | 0 | 0 | 0 | NR | 0 |
| <i>State and tribal landfill and/or solid waste disposal site lists</i> | | | | | | | | |
| | MO SWF/LF | 0.500 | 0 | 0 | 0 | NR | NR | 0 |
| | KS SWF/LF | 0.500 | 0 | 0 | 0 | NR | NR | 0 |
| <i>State and tribal leaking storage tank lists</i> | | | | | | | | |
| | MO LUST | 0.500 | 2 | 1 | 7 | NR | NR | 10 |
| | KS LUST | 0.500 | 0 | 0 | 0 | NR | NR | 0 |
| | MO LAST | 0.500 | 0 | 0 | 0 | NR | NR | 0 |
| | KS LAST | 0.500 | 0 | 0 | 0 | NR | NR | 0 |

MAP FINDINGS SUMMARY

| Database | Target Property | Search Distance (Miles) | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---|-----------------|-------------------------|-------|-----------|-----------|---------|-----|---------------|
| INDIAN LUST | | 0.500 | 0 | 0 | 0 | NR | NR | 0 |
| State and tribal registered storage tank lists | | | | | | | | |
| MO UST | | 0.250 | 8 | 2 | NR | NR | NR | 10 |
| KS UST | | 0.250 | 0 | 0 | NR | NR | NR | 0 |
| MO AST | | 0.250 | 1 | 0 | NR | NR | NR | 1 |
| KS AST | | 0.250 | 0 | 0 | NR | NR | NR | 0 |
| INDIAN UST | | 0.250 | 0 | 0 | NR | NR | NR | 0 |
| State and tribal voluntary cleanup sites | | | | | | | | |
| MO VCP | | 0.500 | 4 | 0 | 0 | NR | NR | 4 |
| KS VCP | | 0.500 | 0 | 0 | 0 | NR | NR | 0 |
| INDIAN VCP | | 0.500 | 0 | 0 | 0 | NR | NR | 0 |
| State and tribal Brownfields sites | | | | | | | | |
| MO BROWNFIELDS | | 0.500 | 3 | 0 | 0 | NR | NR | 3 |
| KS BROWNFIELDS | | 0.500 | 0 | 0 | 0 | NR | NR | 0 |
| ADDITIONAL ENVIRONMENTAL RECORDS | | | | | | | | |
| Local Brownfield lists | | | | | | | | |
| US BROWNFIELDS | | 0.500 | 1 | 0 | 0 | NR | NR | 1 |
| 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 |
| MO 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 |
| MO DEL SHWS | | 1.000 | 0 | 0 | 0 | 0 | NR | 0 |
| MO CDL | | TP | NR | NR | NR | NR | NR | 0 |
| KS 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 |
| Records of Emergency Release Reports | | | | | | | | |
| HMIRS | | TP | NR | NR | NR | NR | NR | 0 |
| MO SPILLS | | TP | NR | NR | NR | NR | NR | 0 |
| KS SPILLS | | TP | NR | NR | NR | NR | NR | 0 |
| Other Ascertainable Records | | | | | | | | |
| RCRA-NonGen | | 0.250 | 5 | 11 | NR | NR | NR | 16 |
| DOT OPS | | TP | NR | NR | NR | NR | NR | 0 |

MAP FINDINGS SUMMARY

| Database | Target Property | Search Distance (Miles) | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|------------------|-----------------|-------------------------|-------|-----------|-----------|---------|-----|---------------|
| DOD | | 1.000 | 0 | 0 | 0 | 0 | NR | 0 |
| FUDS | | 1.000 | 0 | 0 | 0 | 0 | NR | 0 |
| CONSENT | | 1.000 | 0 | 0 | 0 | 1 | NR | 1 |
| ROD | | 1.000 | 0 | 0 | 0 | 0 | NR | 0 |
| UMTRA | | 0.500 | 0 | 0 | 0 | NR | NR | 0 |
| MINES | | 0.250 | 0 | 0 | NR | NR | NR | 0 |
| TRIS | TP | | NR | NR | NR | NR | NR | 0 |
| TSCA | TP | | NR | NR | NR | NR | NR | 0 |
| FTTS | TP | | NR | NR | NR | NR | NR | 0 |
| 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 | | NR | NR | NR | NR | NR | 0 |
| RAATS | TP | | NR | NR | NR | NR | NR | 0 |
| MO UIC | TP | | NR | NR | NR | NR | NR | 0 |
| KS UIC | TP | | NR | NR | NR | NR | NR | 0 |
| MO DRYCLEANERS | | 0.250 | 0 | 0 | NR | NR | NR | 0 |
| KS DRYCLEANERS | | 0.250 | 0 | 0 | NR | NR | NR | 0 |
| MO RRC | TP | | NR | NR | NR | NR | NR | 0 |
| MO NPDES | TP | | NR | NR | NR | NR | NR | 0 |
| MO AIRS | TP | | NR | NR | NR | NR | NR | 0 |
| INDIAN RESERV | | 1.000 | 0 | 0 | 0 | 0 | NR | 0 |
| SCRD DRYCLEANERS | | 0.500 | 0 | 0 | 0 | NR | NR | 0 |
| MO COAL ASH | | 0.500 | 0 | 0 | 0 | NR | NR | 0 |
| PCB TRANSFORMER | TP | | NR | NR | NR | NR | NR | 0 |
| KS COAL ASH | | 0.500 | 0 | 0 | 0 | NR | NR | 0 |

EDR PROPRIETARY RECORDS

EDR Proprietary Records

| | | | | | | | | |
|-------------------------|--|-------|---|---|---|---|----|---|
| Manufactured Gas Plants | | 1.000 | 2 | 0 | 4 | 0 | NR | 6 |
|-------------------------|--|-------|---|---|---|---|----|---|

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

Site

Database(s)

EDR ID Number
EPA ID Number

A1 **SUNSHINE ELECTRIC**
501 SYLVANIE ST
< 1/8 **ST JOSEPH, MO 64501**
1 ft.

MO UST **U003974011**
 N/A

Site 1 of 3 in cluster A

Relative:
Lower

UST:

Actual:
837 ft.

Facility ID: ST0021208
Region: KC
Lat/Long: Not reported
Lat/Long (dms): Not reported
Easting: Not reported
Northing: Not reported
Method Data Was Obtained: Not reported
Accuracy Of Geospatial Data: Not reported
Owner Of Geospatial Data: Hazardous Waste Program
Amount Of Deviation In Accuracy: Not reported
Deviation In Meters; Feet; Pdrop; Score: Not reported
Geospatial Point Line Area Indicator: Not reported
Geospatial Horizontal Reference Datum: Not reported
Where Geospatial Data Collected On Site: Not reported
Geospatial Source Data Location: Not reported
Geospatial Data Collected By: Not reported
Geospatial Elevation Method: Not reported
Geospatial Elevation Reference Datum: Not reported
Date Gis Data Collected: Not reported

Owner:

Owner ID: OW20610
Owner Name: GORDEN & THEA IDE
Owner Address: P O BOX 89
Owner City,St,Zip: AMAZONIA, MO 64421
Owner County Code: Not reported
Owner Phone: 2616578
Mail Was Not Deliverable: No
Is Owner Active?: No
Date Registration Received: Not reported
Date Record Added: 1/7/2004
Date Record Edited: 1/7/2004
Name of Person Editing Record: NEVINS, H.

Tank ID: 1
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: No
Date Tank Installed: Not reported
Tank Material: Steel
Other Type Of Tank Material: Not reported
Tank Internal Protection: Not reported
Other Tank Internal Protection: Not reported
Tank Internal Protection Date: Not reported
Tank External Protection: Not reported
Other Type Tank Extn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: Not reported
Date Tank Permanently Closed/ Removed: 1/15/2004
Tank Fees Waived: Yes
Expedite Closure On Tank?: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUNSHINE ELECTRIC (Continued)

U003974011

Responsible Person Expediting Closure: Not reported
Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported
Date Administratively Closed: Not reported
Registration Fee 586: Not reported
Date Record Added: 1/7/2004
Date Record Edited: 10/18/2004
Person Adding/Editing Record: PARRIS, M
Amt Assessed By Current Cycle: 0
Amount Curenly Due: Not reported
Date Of NFA Letter: Not reported
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: 1/6/2004
Date Of Approval Letter: 1/7/2004
Firm Closing Tank: Underground Environmental Services Inc.
Date Closure Report Received: 2/17/2004
Registration End Date: Not reported
LockOut Flag: No
Site Useage: Not reported
Risk Type: Not reported
Soil Type: Not reported
GW Flow: Not reported
Offsite Impact: Not reported
Free Product: Not reported
Drinking Water: Not reported
Closed Under: Not reported
No Drinking Wells: 0
No Buildings: 0
Vapor Barrier: 0
St Louis Mo: 0
Special Well Area: 0
No Excavation: 0
Comments: 3-11-04--rev. CR; requested QA/QC (from M.D. Chemical and Testing) and amended site sketch to show locations of any underground utilities--MP 10-18-04--rev. response to deficient closure items; response adequately addresses closure deficiencies; drafted NFA--MP

Tank Compartment:

Tank Compartment PK: 38752
Tank PK: 38757
Compartment No: 1
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 1000
Pipe Installation Dt: Not reported
Pipe System: Not reported
Pipe Material: Not reported
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Dt: Not reported
Pipe Double Wall: 0
Substance: Gasoline, Including Blends
Substance Other: Not reported
Hazardous Substance: Not reported
Case Number: Not reported
Mixture: 0
Date of Last Use: Not reported
Spill Protection: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUNSHINE ELECTRIC (Continued)

U003974011

Tanks Use: 0

A2

SUNSHINE ELECTRONIC DISPLAY
501 SYLVANIE
ST JOSEPH, MO 64502

RCRA-NonGen 1007109653
MOP000045351

< 1/8
1 ft.

Site 2 of 3 in cluster A

Relative:
Lower

RCRA-NonGen:

Actual:
837 ft.

Date form received by agency: 12/26/2001
Facility name: SUNSHINE ELECTRONIC DISPLAY
Facility address: 501 SYLVANIE
ST JOSEPH, MO 64502
EPA ID: MOP000045351
Mailing address: PO BOX 727
ST JOSEPH, MO 64502
Contact: GREG PIERCE
Contact address: PO BOX 727
ST JOSEPH, MO 64502
Contact country: US
Contact telephone: (816) 232-4224
Contact email: Not reported
EPA Region: 07
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: SUNSHINE ELECTRONIC DISPLAY
Owner/operator address: PO BOX 727
ST JOSEPH, MO 64502
Owner/operator country: Not reported
Owner/operator telephone: (816) 232-4224
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/0001
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
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: Unknown
Furnace exemption: Unknown
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
Off-site waste receiver: Commercial status unknown

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUNSHINE ELECTRONIC DISPLAY (Continued)

1007109653

Historical Generators:

Date form received by agency: 11/07/2001
Facility name: SUNSHINE ELECTRONIC DISPLAY
Classification: Small Quantity Generator

Violation Status: No violations found

A3

BROWN TRANSFER AND STORAGE (FORMER)

**MO VCP
MO BROWNFIELDS**

**S108271779
N/A**

**< 1/8
1 ft.**

**402 S. 5TH STREET
ST. JOSEPH, MO 64501**

Site 3 of 3 in cluster A

**Relative:
Lower**

VCP:

Facility Status: Inactive/Terminated by VCP
Activity Use: Not reported
Manager: Vicky Kugler
Cert. of completion issued: Not reported
Application Received: 11/14/2006
State Funded: Yes
Federal Funded: Not reported
Acreage: 2
Northing: 4403216.3109999998
Easting: 341180.12800000003
Operable Unit: Brown Transfer and Storage (former)
Site Description: Not reported
Contaminant: Not reported

**Actual:
837 ft.**

MO BROWNFIELD:

Operable Unit: Brown Transfer and Storage (former)
State Funded: Yes
Federal Funded: Not reported

B4

HPI CHEMICAL PRODUCTS

CERCLIS

**1010082241
MON000705540**

**WSW
< 1/8
0.033 mi.
176 ft.**

**417 S. FOURTH ST.
ST JOSEPH, MO 64501**

Site 1 of 2 in cluster B

**Relative:
Lower**

CERCLIS:

Site ID: 0705540
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: Removal Only Site (No Site Assessment Work Needed)

**Actual:
830 ft.**

CERCLIS Site Contact Name(s):

Contact Name: Not reported
Contact Tel: Not reported
Contact Title: 72717

Site Description: Not reported

CERCLIS Assessment History:

Action: REMOVAL ASSESSMENT
Date Started: 3/11/2007 0:00:00
Date Completed: 3/20/2007 0:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HPI CHEMICAL PRODUCTS (Continued)

1010082241

Priority Level: Not reported

Action: UNILATERAL ADMIN ORDER
Date Started: Not reported
Date Completed: 3/21/2007 0:00:00
Priority Level: Not reported

Action: Notice of Intent by All Parties
Date Started: Not reported
Date Completed: 3/28/2007 0:00:00
Priority Level: Not reported

Action: PRE-CERCLIS SCREENING
Date Started: Not reported
Date Completed: 1/22/2008 0:00:00
Priority Level: Not reported

Action: PRP REMOVAL
Date Started: 3/14/2007 0:00:00
Date Completed: Not reported
Priority Level: Stabilized

B5
WSW
< 1/8
0.034 mi.
177 ft.

HPI PRODUCTS INC
417 S 4TH ST
ST JOSEPH, MO 64501
Site 2 of 2 in cluster B

RCRA-LQG **1010322858**
MOR000525592

Relative:
Lower

RCRA-LQG:

Actual:
830 ft.

Date form received by agency: 12/20/2006
Facility name: HPI PRODUCTS INC
Facility address: 417 S 4TH ST
ST JOSEPH, MO 645012113
EPA ID: MOR000525592
Mailing address: PO BOX 997
ST JOSEPH, MO 64502
Contact: SID HOOVER
Contact address: PO BOX 997
ST JOSEPH, MO 64502
Contact country: US
Contact telephone: (816) 233-1237
Contact email: SHOOVER@HOIPI.COM
EPA Region: 07
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HPI PRODUCTS INC (Continued)

1010322858

Owner/Operator Summary:

Owner/operator name: BILL GARVEY
Owner/operator address: SYLVANIE
ST JOSEPH, MO 64501
Owner/operator country: US
Owner/operator telephone: (816) 233-1237
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 12/20/2006
Owner/Op end date: Not reported

Owner/operator name: BILL GARVEY
Owner/operator address: SYLVANIE
ST JOSEPH, MO 64501
Owner/operator country: US
Owner/operator telephone: (816) 233-1237
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 12/20/2006
Owner/Op end date: Not reported

Handler Activities Summary:

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

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.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HPI PRODUCTS INC (Continued)

1010322858

DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D003
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

Waste code: D007
Waste name: CHROMIUM

Waste code: D016
Waste name: 2,4-D

Waste code: D028
Waste name: 1,2-DICHLOROETHANE

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

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.

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.

Waste code: P039
Waste name: DISULFOTON

Waste code: P044
Waste name: DIMETHOATE

Waste code: P089

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HPI PRODUCTS INC (Continued)

1010322858

| | |
|-------------|-------------------------------|
| Waste name: | PARATHION |
| Waste code: | U019 |
| Waste name: | BENZENE (I,T) |
| Waste code: | U055 |
| Waste name: | BENZENE, (1-METHYLETHYL)- (I) |
| Waste code: | U056 |
| Waste name: | BENZENE, HEXAHYDRO- (I) |
| Waste code: | U057 |
| Waste name: | CYCLOHEXANONE (I) |
| Waste code: | U092 |
| Waste name: | DIMETHYLAMINE (I) |
| Waste code: | U108 |
| Waste name: | 1,4-DIETHYLENEOXIDE |
| Waste code: | U112 |
| Waste name: | ACETIC ACID ETHYL ESTER (I) |
| Waste code: | U122 |
| Waste name: | FORMALDEHYDE |
| Waste code: | U134 |
| Waste name: | HYDROFLUORIC ACID (C,T) |
| Waste code: | U136 |
| Waste name: | ARSINIC ACID, DIMETHYL- |
| Waste code: | U140 |
| Waste name: | ISOBUTYL ALCOHOL (I,T) |
| Waste code: | U145 |
| Waste name: | LEAD PHOSPHATE |
| Waste code: | U154 |
| Waste name: | METHANOL (I) |
| Waste code: | U165 |
| Waste name: | NAPHTHALENE |
| Waste code: | U176 |
| Waste name: | N-NITROSO-N-ETHYLUREA |
| Waste code: | U177 |
| Waste name: | N-NITROSO-N-METHYLUREA |
| Waste code: | U183 |
| Waste name: | BENZENE, PENTACHLORO- |
| Waste code: | U220 |
| Waste name: | BENZENE, METHYL- |
| Waste code: | U239 |

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HPI PRODUCTS INC (Continued)

1010322858

Waste name: BENZENE, DIMETHYL- (I,T)
Waste code: U240
Waste name: ACETIC ACID, (2,4-DICHLOROPHENOXY)-, SALTS & ESTERS
Waste code: U249
Waste name: ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS OF 10% OR LESS
Waste code: U328
Waste name: BENZENAMINE, 2-METHYL-
Waste code: U353
Waste name: BENZENAMINE, 4-METHYL-
Waste code: U359
Waste name: ETHANOL, 2-ETHOXY-

Biennial Reports:

Last Biennial Reporting Year: 2007

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 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.
Amount (Lbs): 34181
Waste code: D004
Waste name: ARSENIC
Amount (Lbs): 568
Waste code: D014
Waste name: METHOXYCHLOR
Amount (Lbs): 299
Waste code: D016
Waste name: 2,4-D
Amount (Lbs): 153713
Waste code: U240
Waste name: ACETIC ACID, (2,4-DICHLOROPHENOXY)-, SALTS & ESTERS
Amount (Lbs): 4416
Waste code: U247
Waste name: BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS[4- METHOXY-
Amount (Lbs): 2837
Waste code: U279
Waste name: CARBARYL (OR) 1-NAPHTHALENOL, METHYLCARBAMATE
Amount (Lbs): 6571

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HPI PRODUCTS INC (Continued)

1010322858

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 03/13/2007
Date achieved compliance: Not reported
Violation lead agency: EPA
Enforcement action: FINAL IMMEDIATE HAZARD ORDER
Enforcement action date: 03/21/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
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: 03/13/2007
Date achieved compliance: Not reported
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/03/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
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: 12/13/2006
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: NOTICE OF DETERMINATION
Enforcement action date: 01/16/2007
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

Evaluation Action Summary:

Evaluation date: 05/24/2007
Evaluation: FOLLOW-UP INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 03/20/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HPI PRODUCTS INC (Continued)

1010322858

Evaluation date: 03/13/2007
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Generators - General
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 03/13/2007
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Generators - General
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 12/13/2006
Evaluation: CASE DEVELOPMENT INSPECTION
Area of violation: Generators - General
Date achieved compliance: Not reported
Evaluation lead agency: State

C6
West
< 1/8
0.035 mi.
187 ft.

RICHMOND SCREW ANCHOR CO INC
315 S 4TH ST
ST JOSEPH, MO 64501
Site 1 of 3 in cluster C

RCRA-NonGen **1007107563**
MOP000011619

Relative:
Lower

RCRA-NonGen:

Date form received by agency: 05/04/2005
Facility name: RICHMOND SCREW ANCHOR CO INC
Site name: BMS WAREHOUSE
Facility address: 315 S 4TH ST
ST JOSEPH, MO 64501
EPA ID: MOP000011619
Mailing address: W OSBORN RD
PHOENIX, AZ 85103
Contact: KAREN KRINGSTAD
Contact address: 301 W OSBORN RD
PHOENIX, AZ 85103
Contact country: US
Contact telephone: (800) 825-2555
Contact email: Not reported
EPA Region: 07

Actual:
835 ft.

Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: EVANS BROTHERS
Owner/operator address: 524 ALBEMARLE
ST JOSEPH, MO 64501
Owner/operator country: Not reported
Owner/operator telephone: (816) 364-6554
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/0001
Owner/Op end date: Not reported

Owner/operator name: EVANS BROTHERS
Owner/operator address: 524 ALBEMARLE
ST JOSEPH, MO 64501

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICHMOND SCREW ANCHOR CO INC (Continued)

1007107563

Owner/operator country: Not reported
Owner/operator telephone: (816) 364-6554
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
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: Unknown
Furnace exemption: Unknown
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
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 05/04/2005
Facility name: RICHMOND SCREW ANCHOR CO INC
Classification: Not a generator, verified

Date form received by agency: 03/14/1997
Facility name: RICHMOND SCREW ANCHOR CO INC
Site name: BMS WAREHOUSE
Classification: Not a generator, verified

Date form received by agency: 08/26/1993
Facility name: RICHMOND SCREW ANCHOR CO 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.

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICHMOND SCREW ANCHOR CO INC (Continued)

1007107563

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.

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 01/23/2008
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

C7
West
< 1/8
0.035 mi.
187 ft.

RICHMOND SCREW ANCHOR CO INC
315 S 4TH ST
ST JOSEPH, MO 64501

CERC-NFRAP **1003876427**
MOD073068116

Site 2 of 3 in cluster C

Relative:
Lower

CERC-NFRAP:
Site ID: 0701025
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP

Actual:
835 ft.

CERCLIS-NFRAP Site Contact Name(s):

Contact Title: Not reported
Contact Name: JAMIE BERNARD DRAKEY
Contact Tel: (913) 551-7400

Contact Title: BUDGET COORDINATOR
Contact Name: TERI HANKINS
Contact Tel: (913) 551-7118

Contact Title: SITE MANAGER
Contact Name: RON KING
Contact Tel: (913) 551-7568

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY
Date Started: Not reported
Date Completed: 08/01/1980
Priority Level: Not reported

Action: SITE INSPECTION
Date Started: 12/01/1983
Date Completed: 12/01/1983
Priority Level: NFRAP: No further Remedial Action planned

Action: PRELIMINARY ASSESSMENT
Date Started: 12/01/1983
Date Completed: 12/01/1983
Priority Level: Low priority for further assessment

Action: ARCHIVE SITE
Date Started: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICHMOND SCREW ANCHOR CO INC (Continued)

1003876427

Date Completed: 12/01/1983
Priority Level: Not reported

Action: 6I
Date Started: Not reported
Date Completed: 10/05/1989
Priority Level: Not reported

C8
West
< 1/8
0.036 mi.
190 ft.

ARENA
4TH & CHARLES ST
ST JOSEPH, MO 64501

Site 3 of 3 in cluster C

MO UST **U000284909**
N/A

Relative:
Lower

UST:
Facility ID: ST0011111
Region: KC
Lat/Long: 39.75775 / -94.85373
Lat/Long (dms): Not reported
Easting: Not reported
Northing: Not reported
Method Data Was Obtained: Zip Code Centroid
Accuracy Of Geospatial Data: 8
Owner Of Geospatial Data: Hazardous Waste Program
Amount Of Deviation In Accuracy: Not reported
Deviation In Meters; Feet; Pdrop; Score: Not reported
Geospatial Point Line Area Indicator: Not reported
Geospatial Horizontal Reference Datum: Not reported
Where Geospatial Data Collected On Site: Not reported
Geospatial Source Data Location: Not reported
Geospatial Data Collected By: Not reported
Geospatial Elevation Method: Not reported
Geospatial Elevation Reference Datum: Not reported
Date Gis Data Collected: Not reported

Actual:
836 ft.

Owner:
Owner ID: OW05405
Owner Name: HOME OIL & GAS CORP
Owner Address: 915 ATCHISON ST PO BOX 3108
Owner City,St,Zip: ST JOSEPH, MO 64503
Owner County Code: Not reported
Owner Phone: 2328494
Mail Was Not Deliverable: No
Is Owner Active?: Yes
Date Registration Received: Not reported
Date Record Added: 6/30/1995
Date Record Edited: 6/3/1997
Name of Person Editing Record: N\$TAYLK

Tank ID: 1
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: No
Date Tank Installed: 1/1/1964
Tank Material: Steel
Other Type Of Tank Material: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARENA (Continued)

U000284909

Tank Internal Protection: No
Other Tank Internal Protection: Not reported
Tank Internal Protection Date: Not reported
Tank External Protection: Present
Other Type Tank Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 10/1/1987
Date Tank Permanently Closed/ Removed: Not reported
Tank Fees Waived: Yes
Expedite Closure On Tank?: No
Responsible Person Expediting Closure: Not reported
Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported
Date Administratively Closed: Not reported
Registration Fee 586: 0
Date Record Added: 6/30/1995
Date Record Edited: 7/17/2007
Person Adding/Editing Record: LIGHT, K
Amt Assessed By Current Cycle: 0
Amount Curently Due: 0
Date Of NFA Letter: 3/7/1997
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: 3/16/1992
Date Of Approval Letter: Not reported
Firm Closing Tank: HOME OIL & GAS
Date Closure Report Received: 2/3/1994
Registration End Date: Not reported
LockOut Flag: No
Site Useage: Not reported
Risk Type: Not reported
Soil Type: Not reported
GW Flow: Not reported
Offsite Impact: Not reported
Free Product: Not reported
Drinking Water: Not reported
Closed Under: Not reported
No Drinking Wells: 0
No Buildings: 0
Vapor Barrier: 0
St Louis Mo: 0
Special Well Area: 0
No Excavation: 0
Comments: LETTER FOR 1-8,000 GAS, 1-600 GAS, 1-550 WASTE OIL & 1-550 GAS

----- NEED 3 SAMPLES FROM EXC SOIL, TCLP METALS FROM
BENEATH WASTE OIL UST, 1-8000 GAL GAS, 1-6000 GAL GAS, 2-550 1 WASTE
OIL 1-GAS

Tank Compartment:

Tank Compartment PK: 27483
Tank PK: 27483
Compartment No: 1
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 8000
Pipe Installation Dt: Not reported
Pipe System: Not reported
Pipe Material: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARENA (Continued)

U000284909

| | |
|--|----------------------------|
| Pipe Material Other: | Not reported |
| Pipe Protection: | Not reported |
| Pipe Protection Dt: | Not reported |
| Pipe Double Wall: | 0 |
| Substance: | Gasoline, Including Blends |
| Substance Other: | Not reported |
| Hazardous Substance: | Not reported |
| Case Number: | Not reported |
| Mixture: | 0 |
| Date of Last Use: | 10/1/1987 |
| Spill Protection: | 0 |
| Tanks Use: | 0 |
| | |
| Tank ID: | 2 |
| Tank Double Wall: | 0 |
| Tank Type: | Below Ground |
| Tank Status: | Removed |
| Meet 98 Update Requirements: | No |
| Date Tank Installed: | 1/1/1964 |
| Tank Material: | Steel |
| Other Type Of Tank Material: | Not reported |
| Tank Internal Protection: | No |
| Other Tank Internal Protection: | Not reported |
| Tank Internal Protection Date: | Not reported |
| Tank External Protection: | Present |
| Other Type Tank Extn Protec: | Not reported |
| Tank External Protec Date: | Not reported |
| Date Tank Last Used: | 10/1/1987 |
| Date Tank Permanently Closed/ Removed: | Not reported |
| Tank Fees Waived: | Yes |
| Expedite Closure On Tank?: | No |
| Responsible Person Expediting Closure: | Not reported |
| Temporary Status Verified Date: | Not reported |
| Admin Fee 585: | Not reported |
| Date Administratively Closed: | Not reported |
| Registration Fee 586: | 0 |
| Date Record Added: | 6/30/1995 |
| Date Record Edited: | 7/17/2007 |
| Person Adding/Editing Record: | LIGHT, K |
| Amt Assessed By Current Cycle: | 0 |
| Amount Curenly Due: | 0 |
| Date Of NFA Letter: | 3/7/1997 |
| Is Tank Used For Emergency Generator: | No |
| Date Closure Notice Received: | 3/16/1992 |
| Date Of Approval Letter: | Not reported |
| Firm Closing Tank: | HOME OIL & GAS |
| Date Closure Report Received: | 2/3/1994 |
| Registration End Date: | Not reported |
| LockOut Flag: | No |
| Site Useage: | Not reported |
| Risk Type: | Not reported |
| Soil Type: | Not reported |
| GW Flow: | Not reported |
| Offsite Impact: | Not reported |
| Free Product: | Not reported |

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARENA (Continued)

U000284909

Drinking Water: Not reported
Closed Under: Not reported
No Drinking Wells: 0
No Buildings: 0
Vapor Barrier: 0
St Louis Mo: 0
Special Well Area: 0
No Excavation: 0
Comments: LETTER FOR 1-8,000 GAS, 1-600 GAS, 1-550 WASTE OIL & 1-550 GAS

----- NEED 3 SAMPLES FROM EXC SOIL, TCLP METALS FROM
BENEATH WASTE OIL UST, 1-8000 GAL GAS, 1-6000 GAL GAS, 2-550 1 WASTE
OIL 1-GAS

Tank Compartment:

Tank Compartment PK: 27484
Tank PK: 27484
Compartment No: 1
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 6000
Pipe Installation Dt: Not reported
Pipe System: Not reported
Pipe Material: 1
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Dt: Not reported
Pipe Double Wall: 0
Substance: Gasoline, Including Blends
Substance Other: Not reported
Hazardous Substance: Not reported
Case Number: Not reported
Mixture: 0
Date of Last Use: 10/1/1987
Spill Protection: 0
Tanks Use: 0

Tank ID: 3
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: No
Date Tank Installed: 1/1/1952
Tank Material: Steel
Other Type Of Tank Material: Not reported
Tank Internal Protection: No
Other Tank Internal Protection: Not reported
Tank Internal Protection Date: Not reported
Tank External Protection: Present
Other Type Tank Extn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 2/1/1994
Date Tank Permanently Closed/ Removed: Not reported
Tank Fees Waived: Yes
Expedite Closure On Tank?: No
Responsible Person Expediting Closure: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARENA (Continued)

U000284909

Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported
Date Administratively Closed: Not reported
Registration Fee 586: 0
Date Record Added: 6/30/1995
Date Record Edited: 7/17/2007
Person Adding/Editing Record: LIGHT, K
Amt Assessed By Current Cycle: 0
Amount Curently Due: 0
Date Of NFA Letter: 3/7/1997
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: 3/16/1992
Date Of Approval Letter: Not reported
Firm Closing Tank: HOME OIL & GAS
Date Closure Report Received: 2/3/1994
Registration End Date: Not reported
LockOut Flag: No
Site Useage: Not reported
Risk Type: Not reported
Soil Type: Not reported
GW Flow: Not reported
Offsite Impact: Not reported
Free Product: Not reported
Drinking Water: Not reported
Closed Under: Not reported
No Drinking Wells: 0
No Buildings: 0
Vapor Barrier: 0
St Louis Mo: 0
Special Well Area: 0
No Excavation: 0
Comments: LETTER FOR 1-8,000 GAS, 1-600 GAS, 1-550 WASTE OIL & 1-550 GAS

----- NEED 3 SAMPLES FROM EXC SOIL, TCLP METALS FROM
BENEATH WASTE OIL UST, 1-8000 GAL GAS, 1-6000 GAL GAS, 2-550 1 WASTE
OIL 1-GAS

Tank Compartment:

Tank Compartment PK: 27485
Tank PK: 27485
Compartment No: 1
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 550
Pipe Installation Dt: Not reported
Pipe System: 4
Pipe Material: 1
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Dt: Not reported
Pipe Double Wall: 0
Substance: Used Oil
Substance Other: Not reported
Hazardous Substance: Not reported
Case Number: Not reported
Mixture: 0
Date of Last Use: 2/1/1994
Spill Protection: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARENA (Continued)

U000284909

Tanks Use: 0

Tank ID: 4
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: No
Date Tank Installed: 1/1/1952
Tank Material: Steel
Other Type Of Tank Material: Not reported
Tank Internal Protection: No
Other Tank Internal Protection: Not reported
Tank Internal Protection Date: Not reported
Tank External Protection: Present
Other Type Tank Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 1/1/1964
Date Tank Permanently Closed/ Removed: Not reported
Tank Fees Waived: Yes
Expedite Closure On Tank?: No
Responsible Person Expediting Closure: Not reported
Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported
Date Administratively Closed: Not reported
Registration Fee 586: 0
Date Record Added: 6/30/1995
Date Record Edited: 7/17/2007
Person Adding/Editing Record: LIGHT, K
Amt Assessed By Current Cycle: 0
Amount Curenly Due: 0
Date Of NFA Letter: 3/7/1997
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: 3/16/1992
Date Of Approval Letter: Not reported
Firm Closing Tank: HOME OIL & GAS
Date Closure Report Received: 2/3/1994
Registration End Date: Not reported
LockOut Flag: No
Site Useage: Not reported
Risk Type: Not reported
Soil Type: Not reported
GW Flow: Not reported
Offsite Impact: Not reported
Free Product: Not reported
Drinking Water: Not reported
Closed Under: Not reported
No Drinking Wells: 0
No Buildings: 0
Vapor Barrier: 0
St Louis Mo: 0
Special Well Area: 0
No Excavation: 0

Comments: LETTER FOR 1-8,000 GAS, 1-600 GAS, 1-550 WASTE OIL & 1-550 GAS

----- NEED 3 SAMPLES FROM EXC SOIL, TCLP METALS FROM

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARENA (Continued)

U000284909

BENEATH WASTE OIL UST, 1-8000 GAL GAS, 1-6000 GAL GAS, 2-550 1 WASTE OIL 1-GAS

Tank Compartment:

Tank Compartment PK: 27486
Tank PK: 27486
Compartment No: 1
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 550
Pipe Installation Dt: Not reported
Pipe System: Not reported
Pipe Material: 1
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Dt: Not reported
Pipe Double Wall: 0
Substance: Empty
Substance Other: Not reported
Hazardous Substance: Not reported
Case Number: Not reported
Mixture: 0
Date of Last Use: 1/1/1964
Spill Protection: 0
Tanks Use: 0

Tank ID: 5
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: No
Date Tank Installed: Not reported
Tank Material: Steel
Other Type Of Tank Material: Not reported
Tank Internal Protection: No
Other Tank Internal Protection: Not reported
Tank Internal Protection Date: Not reported
Tank External Protection: Unknown
Other Type Tank Extn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 11/1/1993
Date Tank Permanently Closed/ Removed: Not reported
Tank Fees Waived: No
Expedite Closure On Tank?: No
Responsible Person Expediting Closure: Not reported
Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported
Date Administratively Closed: Not reported
Registration Fee 586: 0
Date Record Added: 7/15/1996
Date Record Edited: 7/15/1996
Person Adding/Editing Record: N\$HOEGR
Amt Assessed By Current Cycle: 0
Amount Curently Due: 0
Date Of NFA Letter: Not reported
Is Tank Used For Emergency Generator: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARENA (Continued)

U000284909

Date Closure Notice Received: Not reported
Date Of Approval Letter: Not reported
Firm Closing Tank: Not reported
Date Closure Report Received: Not reported
Registration End Date: Not reported
LockOut Flag: No
Site Useage: Not reported
Risk Type: Not reported
Soil Type: Not reported
GW Flow: Not reported
Offsite Impact: Not reported
Free Product: Not reported
Drinking Water: Not reported
Closed Under: Not reported
No Drinking Wells: 0
No Buildings: 0
Vapor Barrier: 0
St Louis Mo: 0
Special Well Area: 0
No Excavation: 0
Comments: Not reported

Tank Compartment:

Tank Compartment PK: 27487
Tank PK: 27487
Compartment No: 1
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: Not reported
Pipe Installation Dt: Not reported
Pipe System: Not reported
Pipe Material: 22
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Dt: Not reported
Pipe Double Wall: 0
Substance: Gasoline, Including Blends
Substance Other: Not reported
Hazardous Substance: Not reported
Case Number: Not reported
Mixture: 0
Date of Last Use: 11/1/1993
Spill Protection: 0
Tanks Use: 0

D9
South
< 1/8
0.050 mi.
266 ft.

HEARTLAND/LIGHT AND POWER STORAGE BUILDING
502 ANGELIQUE
ST. JOSEPH, MO 64501
Site 1 of 10 in cluster D

MO VCP S105791257
MO BROWNFIELDS N/A

Relative:
Lower

VCP:
Facility Status: Cert. of Completion Issued
Activity Use: Not reported
Manager: Carey Bridges
Cert. of completion issued: 9/26/2007
Application Received: 10/23/2001

Actual:
833 ft.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HEARTLAND/LIGHT AND POWER STORAGE BUILDING (Continued)

S105791257

State Funded: Not reported
 Federal Funded: Yes
 Acreage: 3
 Northing: 4403063.1494500004
 Easting: 341208.69581
 Operable Unit: Heartland/Light and Power Storage Building
 Site Description: Not reported
 Contaminant: Asbestos,Fuel-Gasoline,Lead-Based Paint,Petroleum Product-Motor Oil

MO BROWNFIELD:

Operable Unit: Heartland/Light and Power Storage Building
 State Funded: Not reported
 Federal Funded: Yes

D10
South
< 1/8
0.050 mi.
266 ft.

HEATLAND FOUNDATION EMPOWER PLANT
502 ANGELIQUE STREET
ST. JOSEPH, MO 64501

US BROWNFIELDS **1009806452**
N/A

Site 2 of 10 in cluster D

Relative:
Lower

US BROWNFIELDS:

Recipient name: Heartland Foundation
 Project name: St. Joseph, MO - Heartland (C04)
 Property name: Heatland Foundation emPower Plant
 Parcel #: Lots 1, 3, 4, 5, 6, 10, 11,12 of Block 56
 Parcel size: 3
 Latitude: 39.76324
 Longitude: -94.85437
 Region: 7
 HCM label: Address Matching-House Number
 Map scale: 1:24,000
 Point of reference: Entrance Point of a Facility or Station
 Datum: World Geodetic System of 1984
 ICREQ date: Not reported
 ACRES property ID: 15853
 Start date: 11/28/2005
 Completed date: 4/25/2006
 Accomplishment type: Cleanup Activity
 Accomplishment (acres): Not reported
 Ownership entity: Government
 Current use: Not reported
 Current owner: Heartland Foundation
 Future use: Not reported
 Past use flag: Not reported
 Future use flag: Yes
 Cleanup required: Yes
 Proprietary controls: Not reported
 Gov. control: Not reported
 Enforcement permit tools: Not reported
 Info. devices: Not reported
 Video available: Not reported
 Photo available: Not reported
 Usage type: Greenspace
 Not in state/tribal program: Not reported
 IC data address: Not reported
 IC in place date: Not reported
 IC in place flag: No

Actual:
833 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEATLAND FOUNDATION EMPOWER PLANT (Continued)

1009806452

IC required flag: No
NFA issue date: Not reported
State and tribal program date: 11/8/2001
State and tribal program ID: N/A
Air contaminated: Not reported
Air cleaned: Not reported
Asbestos found: Yes
Asbestos cleaned: Yes
Controlled substance found: Not reported
Controlled substance cleaned: Not reported
Drinking water affected: Not reported
Drinking water cleaned: Not reported
Groundwater affected: Not reported
Groundwater cleaned: Not reported
Lead contaminant found: Yes
Lead cleaned up: Yes
None found: Not reported
None cleaned up: Not reported
No media found: Not reported
No media cleaned up: Not reported
Other found: Not reported
Other cleaned up: Not reported
Other metals found: Not reported
Other metals cleaned: Not reported
PAHs found: Not reported
PAHs cleaned up: Not reported
PCBs found: Not reported
PCBs cleaned up: Not reported
Petro products found: Yes
Petro products cleaned: Yes
Sediments found: Not reported
Sediments cleaned: Not reported
Soil affected: Yes
Soil cleaned up: Yes
Surface water affected: Not reported
Surface water cleaned: Not reported
Unknown found: Not reported
Unknown cleaned: Not reported
Unknown media: Not reported
Unknown media cleaned: Not reported
VOCs found: Yes
VOCs cleaned: Yes

Recipient name: Heartland Foundation
Project name: St. Joseph, MO - Heartland (C04)
Property name: Heartland Foundation emPower Plant
Parcel #: Lots 1, 3, 4, 5, 6, 10, 11,12 of Block 56
Parcel size: 3
Latitude: 39.76324
Longitude: -94.85437
Region: 7
HCM label: Address Matching-House Number
Map scale: 1:24,000
Point of reference: Entrance Point of a Facility or Station
Datum: World Geodetic System of 1984
ICREQ date: Not reported
ACRES property ID: 15853

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEATLAND FOUNDATION EMPOWER PLANT (Continued)

1009806452

Start date: 11/28/2005
Completed date: 4/25/2006
Accomplishment type: Cleanup Activity
Accomplishment (acres): Not reported
Ownership entity: Government
Current use: Not reported
Current owner: Heartland Foundation
Future use: Not reported
Past use flag: Not reported
Future use flag: Yes
Cleanup required: Yes
Proprietary controls: Not reported
Gov. control: Not reported
Enforcement permit tools: Not reported
Info. devices: Not reported
Video available: Not reported
Photo available: Not reported
Usage type: Commercial
Not in state/tribal program: Not reported
IC data address: Not reported
IC in place date: Not reported
IC in place flag: No
IC required flag: No
NFA issue date: Not reported
State and tribal program date: 11/8/2001
State and tribal program ID: N/A
Air contaminated: Not reported
Air cleaned: Not reported
Asbestos found: Yes
Asbestos cleaned: Yes
Controlled substance found: Not reported
Controlled substance cleaned: Not reported
Drinking water affected: Not reported
Drinking water cleaned: Not reported
Groundwater affected: Not reported
Groundwater cleaned: Not reported
Lead contaminant found: Yes
Lead cleaned up: Yes
None found: Not reported
None cleaned up: Not reported
No media found: Not reported
No media cleaned up: Not reported
Other found: Not reported
Other cleaned up: Not reported
Other metals found: Not reported
Other metals cleaned: Not reported
PAHs found: Not reported
PAHs cleaned up: Not reported
PCBs found: Not reported
PCBs cleaned up: Not reported
Petro products found: Yes
Petro products cleaned: Yes
Sediments found: Not reported
Sediments cleaned: Not reported
Soil affected: Yes
Soil cleaned up: Yes
Surface water affected: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEATLAND FOUNDATION EMPOWER PLANT (Continued)

1009806452

Surface water cleaned: Not reported
Unknown found: Not reported
Unknwon cleaned: Not reported
Unknown media: Not reported
Unknown media cleaned: Not reported
VOCs found: Yes
VOCs cleaned: Yes

Recipient name: Heartland Foundation
Project name: St. Joseph, MO - Heartland (C04)
Property name: Heatland Foundation emPower Plant
Parcel #: Lots 1, 3, 4, 5, 6, 10, 11,12 of Block 56
Parcel size: 3
Latitude: 39.76324
Longitude: -94.85437
Region: 7
HCM label: Address Matching-House Number
Map scale: 1:24,000
Point of reference: Entrance Point of a Facility or Station
Datum: World Geodetic System of 1984
ICREQ date: Not reported
ACRES property ID: 15853
Start date: 11/28/2005
Completed date: 4/25/2006
Accomplishment type: Cleanup Activity
Accomplishment (acres): Not reported
Ownership entity: Government
Current use: Not reported
Current owner: Heartland Foundation
Future use: Not reported
Past use flag: Yes
Future use flag: Not reported
Cleanup required: Yes
Proprietary controls: Not reported
Gov. control: Not reported
Enforcement permit tools: Not reported
Info. devices: Not reported
Video available: Not reported
Photo available: Not reported
Usage type: Commercial
Not in state/tribal program: Not reported
IC data address: Not reported
IC in place date: Not reported
IC in place flag: No
IC required flag: No
NFA issue date: Not reported
State and tribal program date: 11/8/2001
State and tribal program ID: N/A
Air contaminated: Not reported
Air cleaned: Not reported
Asbestos found: Yes
Asbestos cleaned: Yes
Controlled substance found: Not reported
Controlled substance cleaned: Not reported
Drinking water affected: Not reported
Drinking water cleaned: Not reported
Groundwater affected: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEATLAND FOUNDATION EMPOWER PLANT (Continued)

1009806452

Groundwater cleaned: Not reported
Lead contaminant found: Yes
Lead cleaned up: Yes
None found: Not reported
None cleaned up: Not reported
No media found: Not reported
No media cleaned up: Not reported
Other found: Not reported
Other cleaned up: Not reported
Other metals found: Not reported
Other metals cleaned: Not reported
PAHs found: Not reported
PAHs cleaned up: Not reported
PCBs found: Not reported
PCBs cleaned up: Not reported
Petro products found: Yes
Petro products cleaned: Yes
Sediments found: Not reported
Sediments cleaned: Not reported
Soil affected: Yes
Soil cleaned up: Yes
Surface water affected: Not reported
Surface water cleaned: Not reported
Unknown found: Not reported
Unknown cleaned: Not reported
Unknown media: Not reported
Unknown media cleaned: Not reported
VOCs found: Yes
VOCs cleaned: Yes

Recipient name: Heartland Foundation
Project name: St. Joseph, MO - Heartland (C04)
Property name: Heatland Foundation emPower Plant
Parcel #: Lots 1, 3, 4, 5, 6, 10, 11,12 of Block 56
Parcel size: 3
Latitude: 39.76324
Longitude: -94.85437
Region: 7
HCM label: Address Matching-House Number
Map scale: 1:24,000
Point of reference: Entrance Point of a Facility or Station
Datum: World Geodetic System of 1984
ICREQ date: Not reported
ACRES property ID: 15853
Start date: 4/25/2006
Completed date: 4/25/2006
Accomplishment type: Acres Cleaned Up
Accomplishment (acres): 3
Ownership entity: Government
Current use: Not reported
Current owner: Heartland Foundation
Future use: Not reported
Past use flag: Not reported
Future use flag: Yes
Cleanup required: Yes
Proprietary controls: Not reported
Gov. control: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEATLAND FOUNDATION EMPOWER PLANT (Continued)

1009806452

Enforcement permit tools: Not reported
Info. devices: Not reported
Video available: Not reported
Photo available: Not reported
Usage type: Greenspace
Not in state/tribal program: Not reported
IC data address: Not reported
IC in place date: Not reported
IC in place flag: No
IC required flag: No
NFA issue date: Not reported
State and tribal program date: 11/8/2001
State and tribal program ID: N/A
Air contaminated: Not reported
Air cleaned: Not reported
Asbestos found: Yes
Asbestos cleaned: Yes
Controlled substance found: Not reported
Controlled substance cleaned: Not reported
Drinking water affected: Not reported
Drinking water cleaned: Not reported
Groundwater affected: Not reported
Groundwater cleaned: Not reported
Lead contaminant found: Yes
Lead cleaned up: Yes
None found: Not reported
None cleaned up: Not reported
No media found: Not reported
No media cleaned up: Not reported
Other found: Not reported
Other cleaned up: Not reported
Other metals found: Not reported
Other metals cleaned: Not reported
PAHs found: Not reported
PAHs cleaned up: Not reported
PCBs found: Not reported
PCBs cleaned up: Not reported
Petro products found: Yes
Petro products cleaned: Yes
Sediments found: Not reported
Sediments cleaned: Not reported
Soil affected: Yes
Soil cleaned up: Yes
Surface water affected: Not reported
Surface water cleaned: Not reported
Unknown found: Not reported
Unknown cleaned: Not reported
Unknown media: Not reported
Unknown media cleaned: Not reported
VOCs found: Yes
VOCs cleaned: Yes

Recipient name: Heartland Foundation
Project name: St. Joseph, MO - Heartland (C04)
Property name: Heatland Foundation emPower Plant
Parcel #: Lots 1, 3, 4, 5, 6, 10, 11, 12 of Block 56
Parcel size: 3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEATLAND FOUNDATION EMPOWER PLANT (Continued)

1009806452

Latitude: 39.76324
Longitude: -94.85437
Region: 7
HCM label: Address Matching-House Number
Map scale: 1:24,000
Point of reference: Entrance Point of a Facility or Station
Datum: World Geodetic System of 1984
ICREQ date: Not reported
ACRES property ID: 15853
Start date: 4/25/2006
Completed date: 4/25/2006
Accomplishment type: Acres Cleaned Up
Accomplishment (acres): 3
Ownership entity: Government
Current use: Not reported
Current owner: Heartland Foundation
Future use: Not reported
Past use flag: Not reported
Future use flag: Yes
Cleanup required: Yes
Proprietary controls: Not reported
Gov. control: Not reported
Enforcement permit tools: Not reported
Info. devices: Not reported
Video available: Not reported
Photo available: Not reported
Usage type: Commercial
Not in state/tribal program: Not reported
IC data address: Not reported
IC in place date: Not reported
IC in place flag: No
IC required flag: No
NFA issue date: Not reported
State and tribal program date: 11/8/2001
State and tribal program ID: N/A
Air contaminated: Not reported
Air cleaned: Not reported
Asbestos found: Yes
Asbestos cleaned: Yes
Controlled substance found: Not reported
Controlled substance cleaned: Not reported
Drinking water affected: Not reported
Drinking water cleaned: Not reported
Groundwater affected: Not reported
Groundwater cleaned: Not reported
Lead contaminant found: Yes
Lead cleaned up: Yes
None found: Not reported
None cleaned up: Not reported
No media found: Not reported
No media cleaned up: Not reported
Other found: Not reported
Other cleaned up: Not reported
Other metals found: Not reported
Other metals cleaned: Not reported
PAHs found: Not reported
PAHs cleaned up: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEATLAND FOUNDATION EMPOWER PLANT (Continued)

1009806452

| | |
|--------------------------------|---|
| PCBs found: | Not reported |
| PCBs cleaned up: | Not reported |
| Petro products found: | Yes |
| Petro products cleaned: | Yes |
| Sediments found: | Not reported |
| Sediments cleaned: | Not reported |
| Soil affected: | Yes |
| Soil cleaned up: | Yes |
| Surface water affected: | Not reported |
| Surface water cleaned: | Not reported |
| Unknown found: | Not reported |
| Unknwon cleaned: | Not reported |
| Unknown media: | Not reported |
| Unknown media cleaned: | Not reported |
| VOCs found: | Yes |
| VOCs cleaned: | Yes |
| Recipient name: | Heartland Foundation |
| Project name: | St. Joseph, MO - Heartland (C04) |
| Property name: | Heatland Foundation emPower Plant |
| Parcel #: | Lots 1, 3, 4, 5, 6, 10, 11,12 of Block 56 |
| Parcel size: | 3 |
| Latitude: | 39.76324 |
| Longitude: | -94.85437 |
| Region: | 7 |
| HCM label: | Address Matching-House Number |
| Map scale: | 1:24,000 |
| Point of reference: | Entrance Point of a Facility or Station |
| Datum: | World Geodetic System of 1984 |
| ICREQ date: | Not reported |
| ACRES property ID: | 15853 |
| Start date: | 4/25/2006 |
| Completed date: | 4/25/2006 |
| Accomplishment type: | Acres Cleaned Up |
| Accomplishment (acres): | 3 |
| Ownership entity: | Government |
| Current use: | Not reported |
| Current owner: | Heartland Foundation |
| Future use: | Not reported |
| Past use flag: | Yes |
| Future use flag: | Not reported |
| Cleanup required: | Yes |
| Proprietary controls: | Not reported |
| Gov. control: | Not reported |
| Enforcement permit tools: | Not reported |
| Info. devices: | Not reported |
| Video available: | Not reported |
| Photo available: | Not reported |
| Usage type: | Commercial |
| Not in state/tribal program: | Not reported |
| IC data address: | Not reported |
| IC in place date: | Not reported |
| IC in place flag: | No |
| IC required flag: | No |
| NFA issue date: | Not reported |
| State and tribal program date: | 11/8/2001 |
| State and tribal program ID: | N/A |

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HEATLAND FOUNDATION EMPOWER PLANT (Continued)

1009806452

| | |
|-------------------------------|--------------|
| Air contaminated: | Not reported |
| Air cleaned: | Not reported |
| Asbestos found: | Yes |
| Asbestos cleaned: | Yes |
| Controlled substance found: | Not reported |
| Controlled substance cleaned: | Not reported |
| Drinking water affected: | Not reported |
| Drinking water cleaned: | Not reported |
| Groundwater affected: | Not reported |
| Groundwater cleaned: | Not reported |
| Lead contaminant found: | Yes |
| Lead cleaned up: | Yes |
| None found: | Not reported |
| None cleaned up: | Not reported |
| No media found: | Not reported |
| No media cleaned up: | Not reported |
| Other found: | Not reported |
| Other cleaned up: | Not reported |
| Other metals found: | Not reported |
| Other metals cleaned: | Not reported |
| PAHs found: | Not reported |
| PAHs cleaned up: | Not reported |
| PCBs found: | Not reported |
| PCBs cleaned up: | Not reported |
| Petro products found: | Yes |
| Petro products cleaned: | Yes |
| Sediments found: | Not reported |
| Sediments cleaned: | Not reported |
| Soil affected: | Yes |
| Soil cleaned up: | Yes |
| Surface water affected: | Not reported |
| Surface water cleaned: | Not reported |
| Unknown found: | Not reported |
| Unknown cleaned: | Not reported |
| Unknown media: | Not reported |
| Unknown media cleaned: | Not reported |
| VOCs found: | Yes |
| VOCs cleaned: | Yes |

Property Description: Approximate three acre property improved with a 40,000 sq.ft. brick storage warehouse. The site was owned by variations of St. Joseph Power and Light from 1916 to 1980.

D11
South
< 1/8
0.051 mi.
268 ft.

HEARTLAND REG MED CTR WEST DEMO
520 ANGELOU
ST JOSEPH, MO 64501

RCRA-NonGen 1010322603
MOP000515833

Site 3 of 10 in cluster D

Relative:
Lower

RCRA-NonGen:
 Date form received by agency: 11/27/2006
 Facility name: HEARTLAND REG MED CTR WEST DEMO
 Facility address: 520 ANGELOU
 ST JOSEPH, MO 64501
 EPA ID: MOP000515833
 Mailing address: PO BOX 32
 GREENWOOD, MO 64034
 Contact: MONICA BAKER
 Contact address: PO BOX 32

Actual:
835 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEARTLAND REG MED CTR WEST DEMO (Continued)

1010322603

GREENWOOD, MO 64034
Contact country: US
Contact telephone: (816) 537-4950
Contact email: Not reported
EPA Region: 07
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: HEARTLAND REG MED CTR WEST
Owner/operator address: ANGELIQUE
ST JOSEPH, MO 64501
Owner/operator country: US
Owner/operator telephone: (816) 537-4950
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 11/07/2006
Owner/Op end date: Not reported

Owner/operator name: HEARTLAND REG MED CTR WEST
Owner/operator address: ANGELIQUE
ST JOSEPH, MO 64501
Owner/operator country: US
Owner/operator telephone: (816) 537-4950
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 11/07/2006
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 11/07/2006
Facility name: HEARTLAND REG MED CTR WEST DEMO
Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEARTLAND REG MED CTR WEST DEMO (Continued)

1010322603

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.

Waste code: D002

Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Violation Status: No violations found

D12
South
< 1/8
0.052 mi.
272 ft.

ENVIRONMENTAL SAMPLING TECH INC
502 S 5TH ST
ST JOSEPH, MO 64501
Site 4 of 10 in cluster D

RCRA-SQG 1008374096
MOR000520460

Relative:
Lower

RCRA-SQG:

Date form received by agency: 05/16/2006

Facility name: ENVIRONMENTAL SAMPLING TECH INC

Facility address: 502 S 5TH ST
ST JOSEPH, MO 645012149

EPA ID: MOR000520460

Mailing address: S 5TH ST
ST JOSEPH, MO 645012149

Contact: TERRI SPENCER

Contact address: 502 S 5TH ST
ST JOSEPH, MO 645012149

Contact country: US

Contact telephone: (816) 232-8860

Contact email: SPND-EST@SBCGLOBAL.NET

EPA Region: 07

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: ENVIRONMENTAL SAMPLING TECHNOLOGIES INC

Owner/operator address: 502 S 5TH ST
ST JOSEPH, MO 64501

Owner/operator country: US

Owner/operator telephone: (816) 232-8860

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: 06/08/2005

Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ENVIRONMENTAL SAMPLING TECH INC (Continued)

1008374096

Owner/operator name: ENVIRONMENTAL SAMPLING TECHNOLOGIES INC
Owner/operator address: 502 S 5TH ST
ST JOSEPH, MO 64501
Owner/operator country: US
Owner/operator telephone: (816) 232-8860
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 06/08/2005
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
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 06/08/2005
Facility name: ENVIRONMENTAL SAMPLING TECH INC
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

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.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ENVIRONMENTAL SAMPLING TECH INC (Continued)

1008374096

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 01/23/2008
 Evaluation: COMPLIANCE ASSISTANCE VISIT
 Area of violation: Not reported
 Date achieved compliance: Not reported
 Evaluation lead agency: State

13
 North
 < 1/8
 0.052 mi.
 276 ft.

**HILAND DAIRY DIVISION
 221 S 5TH ST
 ST JOSEPH, MO 64501**

**MO LUST U003164676
 MO UST N/A**

**Relative:
 Higher**

LUST:

**Actual:
 851 ft.**

Facility ID: ST0009341
 Region: KC - Kansas City Regional Office
 Spill Number: 960104-1021-DLT
 Release Date: 01/04/1996
 Release Type: UNDERGROUND STORAGE TANK
 Source: Not reported
 Media Affected: SOIL
 Date Cleanup Started: 01/08/1996
 Date Cleanup Finished: 01/10/1996
 Expedite: No
 Active: No
Date Of NFA Letter From DNR: Not reported
 Date Record Meets Archive Criteria: Not reported
 Remediation ID: R005620
 Funding Agency: 1
 Rank: Not reported
 Emergency Response Date: Not reported
 Emergency Cleanup Start: 01/04/1996
 Referred To DGLS for Investigation: Not reported
 Contractor Performing Clean Up: PUTNUM PETROLEUM
 Remediation Techniques: Land Fill
 RBCA NFA: 0
 Project Manager: L
 Next Correspondence/Update With Fac: Not reported
 Date Added: 08/14/1996
 Date Record Edited: 11/20/1996
 Person Adding Or Editing Record: N\$TAYLK
 Facility Sent To State Archive: Yes
 Date Remediation Unit Closed The File: Not reported
 Site Affectd By Funding Level From PSTIF: No
 Lust 2a Flag: -1
 Lust 2a Flag Date: 09/30/2003
 Lust 2b Flag: -1
 Lust 2b Flag Date: 09/30/2008
 Lust 3a Flag: -1
 Lust 3a Flag Date: 09/30/2003
 Lust 3b Flag: -1
 Lust 3b Flag Date: 09/30/2008
 Lust 4 Flag: 0
 Lust 4 Flag Date: Not reported
 Lat/Long (dms): Not reported
 General Comments: 5-16-96/DB/ Siteclosed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HILAND DAIRY DIVISION (Continued)

U003164676

UST:

Facility ID: ST0009341
Region: KC
Lat/Long: 39.765545174 / -94.854428601
Lat/Long (dms): Not reported
Easting: 341161.388273
Northing: 4403380.06829
Method Data Was Obtained: Street Centerline
Accuracy Of Geospatial Data: 8
Owner Of Geospatial Data: Hazardous Waste Program
Amount Of Deviation In Accuracy: 100
Deviation In Meters; Feet; Pdrop; Score: Score
Geospatial Point Line Area Indicator: 001
Geospatial Horizontal Reference Datum: NAD83
Where Geospatial Data Collected On Site: Not reported
Geospatial Source Data Location: HWP
Geospatial Data Collected By: ROBERTS, J
Geospatial Elevation Method: Not reported
Geospatial Elevation Reference Datum: Not reported
Date Gis Data Collected: 1/15/2004

Owner:

Owner ID: OW06621
Owner Name: ROBERTS DAIRY CO
Owner Address: PO BOX 4866
Owner City,St,Zip: DES MOINES, IA 50306
Owner County Code: 167
Owner Phone: 2326776
Mail Was Not Deliverable: No
Is Owner Active?: No
Date Registration Received: Not reported
Date Record Added: 6/30/1995
Date Record Edited: 3/26/1999
Name of Person Editing Record: NREQHW-FASTT

Tank ID: 1
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: No
Date Tank Installed: Not reported
Tank Material: Steel
Other Type Of Tank Material: Not reported
Tank Internal Protection: Not reported
Other Tank Internal Protection: Not reported
Tank Internal Protection Date: Not reported
Tank External Protection: Not reported
Other Type Tank Extn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 6/30/1995
Date Tank Permanently Closed/ Removed: 2/24/1996
Tank Fees Waived: No
Expedite Closure On Tank?: No
Responsible Person Expediting Closure: Not reported
Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HILAND DAIRY DIVISION (Continued)

U003164676

| | |
|---------------------------------------|--|
| Date Administratively Closed: | Not reported |
| Registration Fee 586: | 0 |
| Date Record Added: | 6/30/1995 |
| Date Record Edited: | Not reported |
| Person Adding/Editing Record: | Not reported |
| Amt Assessed By Current Cycle: | 0 |
| Amount Curenly Due: | 0 |
| Date Of NFA Letter: | 2/24/1996 |
| Is Tank Used For Emergency Generator: | No |
| Date Closure Notice Received: | 9/6/1995 |
| Date Of Approval Letter: | 2/24/1996 |
| Firm Closing Tank: | PUTNAM PETROLEUM SERVICES |
| Date Closure Report Received: | 1/29/1996 |
| Registration End Date: | Not reported |
| LockOut Flag: | No |
| Site Useage: | Not reported |
| Risk Type: | Not reported |
| Soil Type: | Not reported |
| GW Flow: | Not reported |
| Offsite Impact: | Not reported |
| Free Product: | Not reported |
| Drinking Water: | Not reported |
| Closed Under: | Not reported |
| No Drinking Wells: | 0 |
| No Buildings: | 0 |
| Vapor Barrier: | 0 |
| St Louis Mo: | 0 |
| Special Well Area: | 0 |
| No Excavation: | 0 |
| Comments: | LETTER FOR 2-4,000 GAS, 1-2,000 GAS, 1-1,000 WASTE OIL & 1-560 WASTE OIL |

Tank Compartment:

| | |
|-------------------------------|----------------------------|
| Tank Compartment PK: | 23069 |
| Tank PK: | 23069 |
| Compartment No: | 1 |
| Compartment Status: | Removed |
| Compartment Temp Verified Dt: | Not reported |
| Capacity: | 4000 |
| Pipe Installation Dt: | Not reported |
| Pipe System: | Not reported |
| Pipe Material: | 1 |
| Pipe Material Other: | Not reported |
| Pipe Protection: | Not reported |
| Pipe Protection Dt: | Not reported |
| Pipe Double Wall: | 0 |
| Substance: | Gasoline, Including Blends |
| Substance Other: | Not reported |
| Hazardous Substance: | Not reported |
| Case Number: | Not reported |
| Mixture: | 0 |
| Date of Last Use: | 6/30/1995 |
| Spill Protection: | 0 |
| Tanks Use: | 0 |

Tank ID: 2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HILAND DAIRY DIVISION (Continued)

U003164676

Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: No
Date Tank Installed: Not reported
Tank Material: Steel
Other Type Of Tank Material: Not reported
Tank Internal Protection: Not reported
Other Tank Internal Protection: Not reported
Tank Internal Protection Date: Not reported
Tank External Protection: Not reported
Other Type Tank Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 6/30/1995
Date Tank Permanently Closed/ Removed: 2/24/1996
Tank Fees Waived: No
Expedite Closure On Tank?: No
Responsible Person Expediting Closure: Not reported
Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported
Date Administratively Closed: Not reported
Registration Fee 586: 0
Date Record Added: 6/30/1995
Date Record Edited: Not reported
Person Adding/Editing Record: Not reported
Amt Assessed By Current Cycle: 0
Amount Curently Due: 0
Date Of NFA Letter: 2/24/1996
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: 9/6/1995
Date Of Approval Letter: 2/24/1996
Firm Closing Tank: PUTNAM PETROLEUM SERVICES
Date Closure Report Received: 1/29/1996
Registration End Date: Not reported
LockOut Flag: No
Site Useage: Not reported
Risk Type: Not reported
Soil Type: Not reported
GW Flow: Not reported
Offsite Impact: Not reported
Free Product: Not reported
Drinking Water: Not reported
Closed Under: Not reported
No Drinking Wells: 0
No Buildings: 0
Vapor Barrier: 0
St Louis Mo: 0
Special Well Area: 0
No Excavation: 0
Comments: LETTER FOR 2-4,000 GAS, 1-2,000 GAS, 1-1,000 WASTE OIL & 1-560 WASTE OIL

Tank Compartment:
Tank Compartment PK: 23070
Tank PK: 23070
Compartment No: 1
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HILAND DAIRY DIVISION (Continued)

U003164676

Capacity: 4000
Pipe Installation Dt: Not reported
Pipe System: Not reported
Pipe Material: 1
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Dt: Not reported
Pipe Double Wall: 0
Substance: Gasoline, Including Blends
Substance Other: Not reported
Hazardous Substance: Not reported
Case Number: Not reported
Mixture: 0
Date of Last Use: 6/30/1995
Spill Protection: 0
Tanks Use: 0

Tank ID: 3
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: No
Date Tank Installed: Not reported
Tank Material: Steel
Other Type Of Tank Material: Not reported
Tank Internal Protection: Not reported
Other Tank Internal Protection: Not reported
Tank Internal Protection Date: Not reported
Tank External Protection: Not reported
Other Type Tank Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 6/30/1995
Date Tank Permanently Closed/ Removed: 2/24/1996
Tank Fees Waived: No
Expedite Closure On Tank?: No
Responsible Person Expediting Closure: Not reported
Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported
Date Administratively Closed: Not reported
Registration Fee 586: 0
Date Record Added: 6/30/1995
Date Record Edited: Not reported
Person Adding/Editing Record: Not reported
Amt Assessed By Current Cycle: 0
Amount Curently Due: 0
Date Of NFA Letter: 2/24/1996
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: 9/6/1995
Date Of Approval Letter: 2/24/1996
Firm Closing Tank: PUTNAM PETROLEUM SERVICES
Date Closure Report Received: 1/29/1996
Registration End Date: Not reported
LockOut Flag: No
Site Usage: Not reported
Risk Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HILAND DAIRY DIVISION (Continued)

U003164676

Soil Type: Not reported
GW Flow: Not reported
Offsite Impact: Not reported
Free Product: Not reported
Drinking Water: Not reported
Closed Under: Not reported
No Drinking Wells: 0
No Buildings: 0
Vapor Barrier: 0
St Louis Mo: 0
Special Well Area: 0
No Excavation: 0
Comments: LETTER FOR 2-4,000 GAS, 1-2,000 GAS, 1-1,000 WASTE OIL & 1-560 WASTE OIL

Tank Compartment:
Tank Compartment PK: 23071
Tank PK: 23071
Compartment No: 1
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 2000
Pipe Installation Dt: Not reported
Pipe System: Not reported
Pipe Material: 1
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Dt: Not reported
Pipe Double Wall: 0
Substance: Gasoline, Including Blends
Substance Other: Not reported
Hazardous Substance: Not reported
Case Number: Not reported
Mixture: 0
Date of Last Use: 6/30/1995
Spill Protection: 0
Tanks Use: 0

Tank ID: 4
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: No
Date Tank Installed: Not reported
Tank Material: Steel
Other Type Of Tank Material: Not reported
Tank Internal Protection: Not reported
Other Tank Internal Protection: Not reported
Tank Internal Protection Date: Not reported
Tank External Protection: Not reported
Other Type Tank Extn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 6/30/1995
Date Tank Permanently Closed/ Removed: 2/24/1996
Tank Fees Waived: No
Expedite Closure On Tank?: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HILAND DAIRY DIVISION (Continued)

U003164676

Responsible Person Expediting Closure: Not reported
Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported
Date Administratively Closed: Not reported
Registration Fee 586: 0
Date Record Added: 6/30/1995
Date Record Edited: Not reported
Person Adding/Editing Record: Not reported
Amt Assessed By Current Cycle: 0
Amount Curenly Due: 0
Date Of NFA Letter: 2/24/1996
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: 9/6/1995
Date Of Approval Letter: 2/24/1996
Firm Closing Tank: PUTNAM PETROLEUM SERVICES
Date Closure Report Received: 1/29/1996
Registration End Date: Not reported
LockOut Flag: No
Site Useage: Not reported
Risk Type: Not reported
Soil Type: Not reported
GW Flow: Not reported
Offsite Impact: Not reported
Free Product: Not reported
Drinking Water: Not reported
Closed Under: Not reported
No Drinking Wells: 0
No Buildings: 0
Vapor Barrier: 0
St Louis Mo: 0
Special Well Area: 0
No Excavation: 0
Comments: LETTER FOR 2-4,000 GAS, 1-2,000 GAS, 1-1,000 WASTE OIL & 1-560 WASTE OIL

Tank Compartment:

Tank Compartment PK: 23072
Tank PK: 23072
Compartment No: 1
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 500
Pipe Installation Dt: Not reported
Pipe System: Not reported
Pipe Material: 1
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Dt: Not reported
Pipe Double Wall: 0
Substance: Gasoline, Including Blends
Substance Other: Not reported
Hazardous Substance: Not reported
Case Number: Not reported
Mixture: 0
Date of Last Use: 6/30/1995
Spill Protection: 0
Tanks Use: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HILAND DAIRY DIVISION (Continued)

U003164676

Tank ID: 5
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: No
Date Tank Installed: Not reported
Tank Material: Not reported
Other Type Of Tank Material: Not reported
Tank Internal Protection: Not reported
Other Tank Internal Protection: Not reported
Tank Internal Protection Date: Not reported
Tank External Protection: Not reported
Other Type Tank Extn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 6/30/1995
Date Tank Permanently Closed/ Removed: 2/24/1996
Tank Fees Waived: No
Expedite Closure On Tank?: No
Responsible Person Expediting Closure: Not reported
Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported
Date Administratively Closed: Not reported
Registration Fee 586: 0
Date Record Added: 4/25/1997
Date Record Edited: Not reported
Person Adding/Editing Record: N\$TAYLK
Amt Assessed By Current Cycle: 0
Amount Curently Due: 0
Date Of NFA Letter: 2/24/1996
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: 9/6/1995
Date Of Approval Letter: 2/24/1996
Firm Closing Tank: PUTNAM PETROLEUM SERVICES
Date Closure Report Received: 1/29/1996
Registration End Date: Not reported
LockOut Flag: No
Site Useage: Not reported
Risk Type: Not reported
Soil Type: Not reported
GW Flow: Not reported
Offsite Impact: Not reported
Free Product: Not reported
Drinking Water: Not reported
Closed Under: Not reported
No Drinking Wells: 0
No Buildings: 0
Vapor Barrier: 0
St Louis Mo: 0
Special Well Area: 0
No Excavation: 0
Comments: LETTER FOR 2-4,000 GAS, 1-2,000 GAS, 1-1,000 WASTE OIL & 1-560 WASTE OIL

Tank Compartment:
Tank Compartment PK: 23073
Tank PK: 23073
Compartment No: 1
Compartment Status: Removed

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HILAND DAIRY DIVISION (Continued)

U003164676

Compartment Temp Verified Dt: Not reported
 Capacity: 1000
 Pipe Installation Dt: Not reported
 Pipe System: 4
 Pipe Material: Not reported
 Pipe Material Other: Not reported
 Pipe Protection: Not reported
 Pipe Protection Dt: Not reported
 Pipe Double Wall: 0
 Substance: Used Oil
 Substance Other: Not reported
 Hazardous Substance: Not reported
 Case Number: Not reported
 Mixture: 0
 Date of Last Use: 6/30/1995
 Spill Protection: 0
 Tanks Use: 0

D14
South
< 1/8
0.053 mi.
282 ft.

Relative:
Lower

ST. JOSEPH FMGP #2
BUCHANAN (County), MO 64501
Site 5 of 10 in cluster D

Manufactured Gas Plants **1012008722**
N/A

Actual:
833 ft.
D15
South
< 1/8
0.055 mi.
288 ft.

BROWN TRANSFER & STORAGE COMPANY
MESSANIE ST BETWEEN 5TH & 6TH
ST JOSEPH, MO 64502
Site 6 of 10 in cluster D

MO UST **U000284140**
N/A

Relative:
Lower

UST:
 Facility ID: ST0002419
 Region: KC
 Lat/Long: 39.7625 / -94.853333
 Lat/Long (dms): 39 45 45 / 94 51 12
 Easting: 341248.240834
 Northing: 4403040.12202
 Method Data Was Obtained: GPS, Carrier Phase, Static Mode (SA Off)
 Accuracy Of Geospatial Data: 8
 Owner Of Geospatial Data: Hazardous Waste Program
 Amount Of Deviation In Accuracy: Not reported
 Deviation In Meters; Feet; Pdrop; Score: Not reported
 Geospatial Point Line Area Indicator: Not reported
 Geospatial Horizontal Reference Datum: Not reported
 Where Geospatial Data Collected On Site: Not reported
 Geospatial Source Data Location: Not reported
 Geospatial Data Collected By: Not reported
 Geospatial Elevation Method: Not reported
 Geospatial Elevation Reference Datum: Not reported
 Date Gis Data Collected: Not reported

Owner:
 Owner ID: OW04767

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROWN TRANSFER & STORAGE COMPANY (Continued)

U000284140

Owner Name: BROWN TRANSFER & STORAGE COMPANY
Owner Address: 5501 CORPORATE DR / PO BOX 7
Owner City,St,Zip: ST JOSEPH, MO 64502
Owner County Code: 21
Owner Phone: 2790855
Mail Was Not Deliverable: No
Is Owner Active?: No
Date Registration Received: Not reported
Date Record Added: 6/30/1995
Date Record Edited: 12/30/1998
Name of Person Editing Record: NREQHW-WILDB

Tank ID: 1
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Permanently Closed in place
Meet 98 Update Requirements: No
Date Tank Installed: 1/1/1970
Tank Material: Steel
Other Type Of Tank Material: Not reported
Tank Internal Protection: No
Other Tank Internal Protection: Not reported
Tank Internal Protection Date: Not reported
Tank External Protection: None
Other Type Tank Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: Not reported
Date Tank Permanently Closed/ Removed: 12/1/1988
Tank Fees Waived: No
Expedite Closure On Tank?: No
Responsible Person Expediting Closure: Not reported
Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported
Date Administratively Closed: Not reported
Registration Fee 586: 0
Date Record Added: 6/30/1995
Date Record Edited: 12/3/2002
Person Adding/Editing Record: EVERS, L
Amt Assessed By Current Cycle: 0
Amount Curently Due: 0
Date Of NFA Letter: Not reported
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: Not reported
Date Of Approval Letter: Not reported
Firm Closing Tank: Not reported
Date Closure Report Received: Not reported
Registration End Date: Not reported
LockOut Flag: No
Site Useage: Not reported
Risk Type: Not reported
Soil Type: Not reported
GW Flow: Not reported
Offsite Impact: Not reported
Free Product: Not reported
Drinking Water: Not reported
Closed Under: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BROWN TRANSFER & STORAGE COMPANY (Continued)

U000284140

No Drinking Wells: 0
 No Buildings: 0
 Vapor Barrier: 0
 St Louis Mo: 0
 Special Well Area: 0
 No Excavation: 0
 Comments: Not reported

Tank Compartment:
 Tank Compartment PK: 6056
 Tank PK: 6056
 Compartment No: 1
 Compartment Status: Permanently Closed in place
 Compartment Temp Verified Dt: Not reported
 Capacity: 6000
 Pipe Installation Dt: Not reported
 Pipe System: Not reported
 Pipe Material: 0
 Pipe Material Other: Not reported
 Pipe Protection: Not reported
 Pipe Protection Dt: Not reported
 Pipe Double Wall: 0
 Substance: Other
 Substance Other: UNKNOWN
 Hazardous Substance: Not reported
 Case Number: Not reported
 Mixture: 0
 Date of Last Use: Not reported
 Spill Protection: 0
 Tanks Use: 0

D16
 South
 < 1/8
 0.056 mi.
 297 ft.

ST. JOSEPH FMGP #2
510-514 SOUTH 5TH ST. OR 5TH
ST. JOSEPH, MO 64501
 Site 7 of 10 in cluster D

Manufactured Gas Plants **1008407838**
 N/A

Relative:
 Lower

Actual:
 833 ft.
D17
 South
 < 1/8
 0.056 mi.
 297 ft.

ST JOSEPH #2 FMGP
510-514 S 5TH ST
ST JOSEPH, MO 64501
 Site 8 of 10 in cluster D

CERC-NFRAP **1003877137**
MOD985795848

Relative:
 Lower

CERC-NFRAP:
 Site ID: 0702443
 Federal Facility: Not a Federal Facility
 NPL Status: Not on the NPL
 Non NPL Status: NFRAP

Actual:
 833 ft.

CERCLIS-NFRAP Site Contact Name(s):
 Contact Title: SITE MANAGER
 Contact Name: PAULETTA FRANCE
 Contact Tel: (913) 551-7701

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ST JOSEPH #2 FMGP (Continued)

1003877137

Contact Title: BUDGET COORDINATOR
Contact Name: TERI HANKINS
Contact Tel: (913) 551-7118

Contact Title: EPS
Contact Name: PAMELA SAMEK
Contact Tel: (913) 551-7679

CERCLIS-NFRAP Site Alias Name(s):

Alias Name: J.B. RANNEY & COMPANY
Alias Address: Not reported
MO

Alias Name: MUTUAL GAS LIGHT COMPANY (FINDS)
Alias Address: S 6TH & LAFAYETTE ST
ST JOSEPH, MO 64501

Alias Name: CITIZENS GAS LIGHT CO (FINDS)
Alias Address: Not reported
MO

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY
Date Started: Not reported
Date Completed: 03/13/1991
Priority Level: Not reported

Action: 6I
Date Started: Not reported
Date Completed: 04/17/1992
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: 06/18/1991
Date Completed: 04/17/1992
Priority Level: NFRAP: No further Remedial Action planned

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 04/17/1992
Priority Level: Not reported

D18 **STEPHEN ROSENAUER**
South **524 S 5TH**
< 1/8 **ST JOSEPH, MO 64501**
0.064 mi.
340 ft. **Site 9 of 10 in cluster D**

MO UST **U000283012**
 N/A

Relative:
Lower

UST:

Facility ID: ST0002423
Region: KC

Actual:
832 ft.

Lat/Long: 39.75775 / -94.85373
Lat/Long (dms): Not reported
Easting: 341203.319
Northing: 4402513.5935
Method Data Was Obtained: Zip Code Centroid
Accuracy Of Geospatial Data: 8

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STEPHEN ROSENAUER (Continued)

U000283012

Owner Of Geospatial Data: Hazardous Waste Program
Amount Of Deviation In Accuracy: Not reported
Deviation In Meters; Feet; Pdrop; Score: Not reported
Geospatial Point Line Area Indicator: Not reported
Geospatial Horizontal Reference Datum: Not reported
Where Geospatial Data Collected On Site: Not reported
Geospatial Source Data Location: Not reported
Geospatial Data Collected By: Not reported
Geospatial Elevation Method: Not reported
Geospatial Elevation Reference Datum: Not reported
Date Gis Data Collected: Not reported

Owner:

Owner ID: OW02482
Owner Name: STEPHEN ROSENAUER
Owner Address: 524 S 5TH
Owner City,St,Zip: ST JOSEPH, MO 64501
Owner County Code: 21
Owner Phone: 2790443
Mail Was Not Deliverable: No
Is Owner Active?: No
Date Registration Received: Not reported
Date Record Added: 6/30/1995
Date Record Edited: Not reported
Name of Person Editing Record: Not reported

Tank ID: 1
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Permanently Closed in place
Meet 98 Update Requirements: No
Date Tank Installed: 1/1/1979
Tank Material: Steel
Other Type Of Tank Material: Not reported
Tank Internal Protection: No
Other Tank Internal Protection: Not reported
Tank Internal Protection Date: Not reported
Tank External Protection: Unknown
Other Type Tank Extn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 12/1/1982
Date Tank Permanently Closed/ Removed: 12/1/1982
Tank Fees Waived: No
Expedite Closure On Tank?: No
Responsible Person Expediting Closure: Not reported
Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported
Date Administratively Closed: Not reported
Registration Fee 586: 0
Date Record Added: 6/30/1995
Date Record Edited: 12/20/1995
Person Adding/Editing Record: Not reported
Amt Assessed By Current Cycle: 0
Amount Curenly Due: 0
Date Of NFA Letter: 12/1/1982
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STEPHEN ROSENAUER (Continued)

U000283012

Date Of Approval Letter: Not reported
Firm Closing Tank: Not reported
Date Closure Report Received: Not reported
Registration End Date: Not reported
LockOut Flag: No
Site Useage: Not reported
Risk Type: Not reported
Soil Type: Not reported
GW Flow: Not reported
Offsite Impact: Not reported
Free Product: Not reported
Drinking Water: Not reported
Closed Under: Not reported
No Drinking Wells: 0
No Buildings: 0
Vapor Barrier: 0
St Louis Mo: 0
Special Well Area: 0
No Excavation: 0
Comments: Not reported

Tank Compartment:

Tank Compartment PK: 6059
Tank PK: 6059
Compartment No: 1
Compartment Status: Permanently Closed in place
Compartment Temp Verified Dt: Not reported
Capacity: 2000
Pipe Installation Dt: Not reported
Pipe System: Not reported
Pipe Material: 1
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Dt: Not reported
Pipe Double Wall: 0
Substance: Diesel
Substance Other: Not reported
Hazardous Substance: Not reported
Case Number: Not reported
Mixture: 0
Date of Last Use: 12/1/1982
Spill Protection: 0
Tanks Use: 0

Tank ID: 2
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Permanently Closed in place
Meet 98 Update Requirements: No
Date Tank Installed: 1/1/1979
Tank Material: Steel
Other Type Of Tank Material: Not reported
Tank Internal Protection: No
Other Tank Internal Protection: Not reported
Tank Internal Protection Date: Not reported
Tank External Protection: Unknown

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STEPHEN ROSENAUER (Continued)

U000283012

Other Type Tank Extn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 12/1/1982
Date Tank Permanently Closed/ Removed: 12/1/1982
Tank Fees Waived: No
Expedite Closure On Tank?: No
Responsible Person Expediting Closure: Not reported
Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported
Date Administratively Closed: Not reported
Registration Fee 586: 0
Date Record Added: 6/30/1995
Date Record Edited: 12/20/1995
Person Adding/Editing Record: Not reported
Amt Assessed By Current Cycle: 0
Amount Curently Due: 0
Date Of NFA Letter: 12/1/1982
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: Not reported
Date Of Approval Letter: Not reported
Firm Closing Tank: Not reported
Date Closure Report Received: Not reported
Registration End Date: Not reported
LockOut Flag: No
Site Useage: Not reported
Risk Type: Not reported
Soil Type: Not reported
GW Flow: Not reported
Offsite Impact: Not reported
Free Product: Not reported
Drinking Water: Not reported
Closed Under: Not reported
No Drinking Wells: 0
No Buildings: 0
Vapor Barrier: 0
St Louis Mo: 0
Special Well Area: 0
No Excavation: 0
Comments: Not reported

Tank Compartment:

Tank Compartment PK: 6060
Tank PK: 6060
Compartment No: 1
Compartment Status: Permanently Closed in place
Compartment Temp Verified Dt: Not reported
Capacity: 2000
Pipe Installation Dt: Not reported
Pipe System: Not reported
Pipe Material: 1
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Dt: Not reported
Pipe Double Wall: 0
Substance: Gasoline, Including Blends
Substance Other: Not reported
Hazardous Substance: Not reported
Case Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STEPHEN ROSENAUER (Continued)

U000283012

Mixture: 0
Date of Last Use: 12/1/1982
Spill Protection: 0
Tanks Use: 0

Tank ID: 3
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Permanently Closed in place
Meet 98 Update Requirements: No
Date Tank Installed: 1/1/1977
Tank Material: Steel
Other Type Of Tank Material: Not reported
Tank Internal Protection: No
Other Tank Internal Protection: Not reported
Tank Internal Protection Date: Not reported
Tank External Protection: Unknown
Other Type Tank Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 12/1/1982
Date Tank Permanently Closed/ Removed: 12/1/1982
Tank Fees Waived: No
Expedite Closure On Tank?: No
Responsible Person Expediting Closure: Not reported
Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported
Date Administratively Closed: Not reported
Registration Fee 586: 0
Date Record Added: 6/30/1995
Date Record Edited: 12/20/1995
Person Adding/Editing Record: Not reported
Amt Assessed By Current Cycle: 0
Amount Curently Due: 0
Date Of NFA Letter: 12/1/1982
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: Not reported
Date Of Approval Letter: Not reported
Firm Closing Tank: Not reported
Date Closure Report Received: Not reported
Registration End Date: Not reported
LockOut Flag: No
Site Useage: Not reported
Risk Type: Not reported
Soil Type: Not reported
GW Flow: Not reported
Offsite Impact: Not reported
Free Product: Not reported
Drinking Water: Not reported
Closed Under: Not reported
No Drinking Wells: 0
No Buildings: 0
Vapor Barrier: 0
St Louis Mo: 0
Special Well Area: 0
No Excavation: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STEPHEN ROSENAUER (Continued)

U000283012

Comments: Not reported

Tank Compartment:

| | |
|-------------------------------|-----------------------------|
| Tank Compartment PK: | 6061 |
| Tank PK: | 6061 |
| Compartment No: | 1 |
| Compartment Status: | Permanently Closed in place |
| Compartment Temp Verified Dt: | Not reported |
| Capacity: | 2000 |
| Pipe Installation Dt: | Not reported |
| Pipe System: | Not reported |
| Pipe Material: | 1 |
| Pipe Material Other: | Not reported |
| Pipe Protection: | Not reported |
| Pipe Protection Dt: | Not reported |
| Pipe Double Wall: | 0 |
| Substance: | Diesel |
| Substance Other: | Not reported |
| Hazardous Substance: | Not reported |
| Case Number: | Not reported |
| Mixture: | 0 |
| Date of Last Use: | 12/1/1982 |
| Spill Protection: | 0 |
| Tanks Use: | 0 |

| | |
|--|------------------------------------|
| Tank ID: | 4 |
| Tank Double Wall: | 0 |
| Tank Type: | Below Ground |
| Tank Status: | Permanently Closed in place |
| Meet 98 Update Requirements: | No |
| Date Tank Installed: | 1/1/1977 |
| Tank Material: | Steel |
| Other Type Of Tank Material: | Not reported |
| Tank Internal Protection: | No |
| Other Tank Internal Protection: | Not reported |
| Tank Internal Protection Date: | Not reported |
| Tank External Protection: | Unknown |
| Other Type Tank Extrn Protec: | Not reported |
| Tank External Protec Date: | Not reported |
| Date Tank Last Used: | 11/1/1986 |
| Date Tank Permanently Closed/ Removed: | 11/1/1986 |
| Tank Fees Waived: | No |
| Expedite Closure On Tank?: | No |
| Responsible Person Expediting Closure: | Not reported |
| Temporary Status Verified Date: | Not reported |
| Admin Fee 585: | Not reported |
| Date Administratively Closed: | Not reported |
| Registration Fee 586: | 0 |
| Date Record Added: | 6/30/1995 |
| Date Record Edited: | 12/20/1995 |
| Person Adding/Editing Record: | Not reported |
| Amt Assessed By Current Cycle: | 0 |
| Amount Curenly Due: | 0 |
| Date Of NFA Letter: | 11/1/1986 |
| Is Tank Used For Emergency Generator: | No |
| Date Closure Notice Received: | Not reported |

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STEPHEN ROSENAUER (Continued)

U000283012

Date Of Approval Letter: Not reported
Firm Closing Tank: Not reported
Date Closure Report Received: Not reported
Registration End Date: Not reported
LockOut Flag: No
Site Useage: Not reported
Risk Type: Not reported
Soil Type: Not reported
GW Flow: Not reported
Offsite Impact: Not reported
Free Product: Not reported
Drinking Water: Not reported
Closed Under: Not reported
No Drinking Wells: 0
No Buildings: 0
Vapor Barrier: 0
St Louis Mo: 0
Special Well Area: 0
No Excavation: 0
Comments: Not reported

Tank Compartment:

Tank Compartment PK: 6062
Tank PK: 6062
Compartment No: 1
Compartment Status: Permanently Closed in place
Compartment Temp Verified Dt: Not reported
Capacity: 300
Pipe Installation Dt: Not reported
Pipe System: 4
Pipe Material: 1
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Dt: Not reported
Pipe Double Wall: 0
Substance: Used Oil
Substance Other: Not reported
Hazardous Substance: Not reported
Case Number: Not reported
Mixture: 0
Date of Last Use: 11/1/1986
Spill Protection: 0
Tanks Use: 0

D19
South
< 1/8
0.064 mi.
340 ft.

CENTRAL TRUCK SERVICE
524 S 5TH
ST JOSEPH, MO 64501
Site 10 of 10 in cluster D

RCRA-NonGen 1007106501
MOD985792027

Relative:
Lower

RCRA-NonGen:
Date form received by agency: 07/11/2001
Facility name: CENTRAL TRUCK SERVICE
Facility address: 524 S 5TH
ST JOSEPH, MO 64501
EPA ID: MOD985792027
Mailing address: S 5TH

Actual:
832 ft.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CENTRAL TRUCK SERVICE (Continued)

1007106501

Contact: ST JOSEPH, MO 64501
 Contact address: STEPHEN ROSENAUER
 524 S 5TH
 ST JOSEPH, MO 64501
 Contact country: US
 Contact telephone: (816) 279-0443
 Contact email: Not reported
 EPA Region: 07
 Classification: Non-Generator
 Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: STEPHEN ROSENAUER
 Owner/operator address: 524 S 5TH
 ST JOSEPH, MO 64501
 Owner/operator country: Not reported
 Owner/operator telephone: (816) 279-0443
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 01/01/0001
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
 Mixed waste (haz. and radioactive): Unknown
 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: Unknown
 Furnace exemption: Unknown
 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
 Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 09/24/1990
 Facility name: CENTRAL TRUCK SERVICE
 Classification: Large Quantity Generator

Violation Status: No violations found

20
 SE
 < 1/8
 0.078 mi.
 413 ft.

BIX SERVICE (FORMER)
507-523 SOUTH 6TH STREET
ST. JOSEPH, MO 64501

MO VCP S109385996
MO BROWNFIELDS N/A

Relative:
Lower

Actual:
837 ft.

VCP:
 Facility Status: Active/Investigation
 Activity Use: Not reported
 Manager: Jennifer Lamons

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BIX SERVICE (FORMER) (Continued)

S109385996

Cert. of completion issued: Not reported
Application Received: 1/7/2009
State Funded: Yes
Federal Funded: Not reported
Acreage: .05
Northing: Not reported
Easting: Not reported
Operable Unit: Bix Service (former)
Site Description: Not reported
Contaminant: Not reported

MO BROWNFIELD:

Operable Unit: Bix Service (former)
State Funded: Yes
Federal Funded: Not reported

**E21
NW
< 1/8
0.089 mi.
469 ft.**

**RIVERMART
320 EDMOND ST
ST JOSEPH, MO 64501**

**MO UST U002115108
N/A**

Site 1 of 2 in cluster E

**Relative:
Higher**

UST:

Facility ID: ST0009044
Region: KC
Lat/Long: 39.76541 / -94.85636
Lat/Long (dms): Not reported
Easting: 340995.63518
Northing: 4403368.49266
Method Data Was Obtained: GPS, Carrier Phase, Static Mode (SA Off)
Accuracy Of Geospatial Data: 8
Owner Of Geospatial Data: Hazardous Waste Program
Amount Of Deviation In Accuracy: 14
Deviation In Meters; Feet; Pdop; Score: Feet
Geospatial Point Line Area Indicator: 001
Geospatial Horizontal Reference Datum: WGS84
Where Geospatial Data Collected On Site: TU
Geospatial Source Data Location: KCRO
Geospatial Data Collected By: VRLENICH, M
Geospatial Elevation Method: Not reported
Geospatial Elevation Reference Datum: Not reported
Date Gis Data Collected: Not reported

**Actual:
843 ft.**

Owner:

Owner ID: OW20872
Owner Name: ATHWAL BROTHERS, INCORPORATED
Owner Address: 320 EDMOND ST
Owner City,St,Zip: ST JOSEPH, MO 64501 2120
Owner County Code: Not reported
Owner Phone: 2798371
Mail Was Not Deliverable: No
Is Owner Active?: Yes
Date Registration Received: 8/18/2005
Date Record Added: 8/31/2005
Date Record Edited: 8/31/2005
Name of Person Editing Record: PURVIS, K

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RIVERMART (Continued)

U002115108

Tank ID: 1
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Curently in use
Meet 98 Update Requirements: Yes
Date Tank Installed: 7/18/1994
Tank Material: Fiberglass
Other Type Of Tank Material: Not reported
Tank Internal Protection: Not reported
Other Tank Internal Protection: Not reported
Tank Internal Protection Date: Not reported
Tank External Protection: Not reported
Other Type Tank Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: Not reported
Date Tank Permanently Closed/ Removed: Not reported
Tank Fees Waived: No
Expedite Closure On Tank?: No
Responsible Person Expediting Closure: Not reported
Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported
Date Administratively Closed: Not reported
Registration Fee 586: 75
Date Record Added: Not reported
Date Record Edited: 6/12/2009
Person Adding/Editing Record: CORBIN, M
Amt Assessed By Current Cycle: 75
Amount Curently Due: 0
Date Of NFA Letter: Not reported
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: Not reported
Date Of Approval Letter: Not reported
Firm Closing Tank: Not reported
Date Closure Report Received: Not reported
Registration End Date: 9/30/2014
LockOut Flag: No
Site Useage: Not reported
Risk Type: Not reported
Soil Type: Not reported
GW Flow: Not reported
Offsite Impact: Not reported
Free Product: Not reported
Drinking Water: Not reported
Closed Under: Not reported
No Drinking Wells: 0
No Buildings: 0
Vapor Barrier: 0
St Louis Mo: 0
Special Well Area: 0
No Excavation: 0
Comments: Not reported

Tank Compartment:
Tank Compartment PK: 40594
Tank PK: 22480
Compartment No: 2
Compartment Status: Curently in use
Compartment Temp Verified Dt: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RIVERMART (Continued)

U002115108

Capacity: 8000
Pipe Installation Dt: 8/1/1994
Pipe System: 1
Pipe Material: 2
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Dt: 7/20/1994
Pipe Double Wall: 0
Substance: Diesel
Substance Other: Not reported
Hazardous Substance: Not reported
Case Number: Not reported
Mixture: 0
Date of Last Use: Not reported
Spill Protection: -1
Tanks Use: 0

Tank Compartment PK: 22480
Tank PK: 22480
Compartment No: 1
Compartment Status: Curently in use
Compartment Temp Verified Dt: Not reported
Capacity: 12000
Pipe Installation Dt: 8/1/1994
Pipe System: 1
Pipe Material: 2
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Dt: 7/20/1994
Pipe Double Wall: 0
Substance: Gasoline, Including Blends
Substance Other: GAS/DIESEL
Hazardous Substance: Not reported
Case Number: Not reported
Mixture: 0
Date of Last Use: Not reported
Spill Protection: -1
Tanks Use: 0

Tank ID: 2
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Curently in use
Meet 98 Update Requirements: Yes
Date Tank Installed: 7/18/1994
Tank Material: Fiberglass
Other Type Of Tank Material: Not reported
Tank Internal Protection: Not reported
Other Tank Internal Protection: Not reported
Tank Internal Protection Date: Not reported
Tank External Protection: Not reported
Other Type Tank Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: Not reported
Date Tank Permanently Closed/ Removed: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RIVERMART (Continued)

U002115108

Tank Fees Waived: No
Expedite Closure On Tank?: No
Responsible Person Expediting Closure: Not reported
Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported
Date Administratively Closed: Not reported
Registration Fee 586: 75
Date Record Added: Not reported
Date Record Edited: 6/12/2009
Person Adding/Editing Record: CORBIN, M
Amt Assessed By Current Cycle: 75
Amount Curently Due: 0
Date Of NFA Letter: Not reported
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: Not reported
Date Of Approval Letter: Not reported
Firm Closing Tank: Not reported
Date Closure Report Received: Not reported
Registration End Date: 9/30/2014
LockOut Flag: No
Site Useage: Not reported
Risk Type: Not reported
Soil Type: Not reported
GW Flow: Not reported
Offsite Impact: Not reported
Free Product: Not reported
Drinking Water: Not reported
Closed Under: Not reported
No Drinking Wells: 0
No Buildings: 0
Vapor Barrier: 0
St Louis Mo: 0
Special Well Area: 0
No Excavation: 0
Comments: Not reported

Tank Compartment:

Tank Compartment PK: 40595
Tank PK: 22481
Compartment No: 2
Compartment Status: Curently in use
Compartment Temp Verified Dt: Not reported
Capacity: 4000
Pipe Installation Dt: 8/1/1994
Pipe System: 1
Pipe Material: 2
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Dt: 7/20/1994
Pipe Double Wall: 0
Substance: Diesel
Substance Other: Not reported
Hazardous Substance: Not reported
Case Number: Not reported
Mixture: 0
Date of Last Use: Not reported
Spill Protection: -1
Tanks Use: 0

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

RIVERMART (Continued)

U002115108

Tank Compartment PK: 22481
 Tank PK: 22481
 Compartment No: 1
 Compartment Status: Curently in use
 Compartment Temp Verified Dt: Not reported
 Capacity: 8000
 Pipe Installation Dt: 8/1/1994
 Pipe System: 1
 Pipe Material: 2
 Pipe Material Other: Not reported
 Pipe Protection: Not reported
 Pipe Protection Dt: 7/20/1994
 Pipe Double Wall: 0
 Substance: Gasoline, Including Blends
 Substance Other: DIESEL/GASOLINE
 Hazardous Substance: Not reported
 Case Number: Not reported
 Mixture: 0
 Date of Last Use: Not reported
 Spill Protection: -1
 Tanks Use: 0

**E22
 NW
 < 1/8
 0.089 mi.
 469 ft.**

**CITY STAR
 320 EDMOND
 ST JOSEPH, MO 64501
 Site 2 of 2 in cluster E**

**MO AST A100343153
 N/A**

**Relative:
 Higher**

AST:
 Facility ID: 452
 Business Id: 94
 Tax Id: Not reported
 Facility Telephone Number: 816-279-8371
 Status: Active
 Total # of dispensers: 26
 Total # of cabinets: 5
 Total number of meters: 26
 Bulk: Not reported
 Marina: Not reported
 Airport: Not reported
 Other: Not reported
 Off Road Diesel at Location: Not reported
 Total # of storage tanks: Not reported

**Actual:
 843 ft.**

**F23
 West
 < 1/8
 0.103 mi.
 546 ft.**

**DOWNTOWN FURNITURE EMPORIUM
 302 S. 3RD STREET
 ST. JOSEPH, MO 64501
 Site 1 of 2 in cluster F**

**MO VCP S108430847
 N/A**

**Relative:
 Lower**

VCP:
 Facility Status: Active/Investigation
 Activity Use: Not reported
 Manager: Jennifer Surber
 Cert. of completion issued: Not reported

**Actual:
 832 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DOWNTOWN FURNITURE EMPORIUM (Continued)

S108430847

Application Received: 2/20/2007
State Funded: Not reported
Federal Funded: Not reported
Acreage: Not reported
Northing: 4403296.733
Easting: 340963.36300000001
Operable Unit: Downtown Furniture Emporium
Site Description: Not reported
Contaminant: Petroleum

**F24
West
< 1/8
0.103 mi.
546 ft.**

**HPI PRODUCTS, INC - 3RD STREET
313 SOUTH 3RD STREET
ST JOSEPH, MO 64501
Site 2 of 2 in cluster F**

**CERCLIS 1010417201
MON000705794**

**Relative:
Lower**

CERCLIS:
Site ID: 0705794
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: Removal Only Site (No Site Assessment Work Needed)

**Actual:
831 ft.**

CERCLIS Site Contact Name(s):

Contact Name: Not reported
Contact Tel: Not reported
Contact Title: 72717

Site Description: Not reported

CERCLIS Assessment History:

Action: REMOVAL ASSESSMENT
Date Started: 3/11/2007 0:00:00
Date Completed: 8/14/2007 0:00:00
Priority Level: Not reported

Action: UNILATERAL ADMIN ORDER
Date Started: Not reported
Date Completed: 8/14/2007 0:00:00
Priority Level: Not reported

Action: Notice of Intent by All Parties
Date Started: Not reported
Date Completed: 8/20/2007 0:00:00
Priority Level: Not reported

Action: PRP REMOVAL
Date Started: 10/22/2007 0:00:00
Date Completed: Not reported
Priority Level: Stabilized

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

25
South
< 1/8
0.108 mi.
568 ft.

CENTRAL TRUCK SERVICE
5TH & MESSANIE
ST JOSEPH, MO 64501

MO UST **U001162112**
N/A

Relative:
Lower

UST:

Facility ID: ST0002418
 Region: KC
 Lat/Long: 39.75775 / -94.85373
 Lat/Long (dms): Not reported
 Easting: 341203.319
 Northing: 4402513.5935
 Method Data Was Obtained: Zip Code Centroid
 Accuracy Of Geospatial Data: 8
 Owner Of Geospatial Data: Hazardous Waste Program
 Amount Of Deviation In Accuracy: Not reported
 Deviation In Meters; Feet; Pdrop; Score: Not reported
 Geospatial Point Line Area Indicator: Not reported
 Geospatial Horizontal Reference Datum: Not reported
 Where Geospatial Data Collected On Site: Not reported
 Geospatial Source Data Location: Not reported
 Geospatial Data Collected By: Not reported
 Geospatial Elevation Method: Not reported
 Geospatial Elevation Reference Datum: Not reported
 Date Gis Data Collected: Not reported

Actual:
828 ft.

Owner:

Owner ID: OW04768
 Owner Name: CENTRAL TRUCK SERVICE
 Owner Address: 5TH & MESSANIE
 Owner City,St,Zip: ST JOSEPH, MO 64501
 Owner County Code: 21
 Owner Phone: Not reported
 Mail Was Not Deliverable: No
 Is Owner Active?: No
 Date Registration Received: Not reported
 Date Record Added: 6/30/1995
 Date Record Edited: Not reported
 Name of Person Editing Record: Not reported

Tank ID: 1
 Tank Double Wall: 0
 Tank Type: Below Ground
Tank Status: Removed
 Meet 98 Update Requirements: No
 Date Tank Installed: 1/1/1975
 Tank Material: Steel
 Other Type Of Tank Material: Not reported
 Tank Internal Protection: No
 Other Tank Internal Protection: Not reported
 Tank Internal Protection Date: Not reported
 Tank External Protection: None
 Other Type Tank Extn Protec: Not reported
 Tank External Protec Date: Not reported
 Date Tank Last Used: 6/1/1989
 Date Tank Permanently Closed/ Removed: 6/1/1989
 Tank Fees Waived: No
 Expedite Closure On Tank?: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CENTRAL TRUCK SERVICE (Continued)

U001162112

Responsible Person Expediting Closure: Not reported
Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported
Date Administratively Closed: Not reported
Registration Fee 586: 0
Date Record Added: 6/30/1995
Date Record Edited: 12/28/2000
Person Adding/Editing Record: KP3
Amt Assessed By Current Cycle: 0
Amount Curently Due: 0
Date Of NFA Letter: 6/1/1989
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: Not reported
Date Of Approval Letter: Not reported
Firm Closing Tank: Not reported
Date Closure Report Received: Not reported
Registration End Date: Not reported
LockOut Flag: No
Site Useage: Not reported
Risk Type: Not reported
Soil Type: Not reported
GW Flow: Not reported
Offsite Impact: Not reported
Free Product: Not reported
Drinking Water: Not reported
Closed Under: Not reported
No Drinking Wells: 0
No Buildings: 0
Vapor Barrier: 0
St Louis Mo: 0
Special Well Area: 0
No Excavation: 0
Comments: Not reported

Tank Compartment:

Tank Compartment PK: 6052
Tank PK: 6052
Compartment No: 1
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 4000
Pipe Installation Dt: Not reported
Pipe System: Not reported
Pipe Material: 0
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Dt: Not reported
Pipe Double Wall: 0
Substance: Gasoline, Including Blends
Substance Other: Not reported
Hazardous Substance: Not reported
Case Number: Not reported
Mixture: 0
Date of Last Use: 6/1/1989
Spill Protection: 0
Tanks Use: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CENTRAL TRUCK SERVICE (Continued)

U001162112

Tank ID: 2
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: No
Date Tank Installed: Not reported
Tank Material: Not reported
Other Type Of Tank Material: Not reported
Tank Internal Protection: No
Other Tank Internal Protection: Not reported
Tank Internal Protection Date: Not reported
Tank External Protection: Unknown
Other Type Tank Extn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 6/1/1989
Date Tank Permanently Closed/ Removed: 6/1/1989
Tank Fees Waived: No
Expedite Closure On Tank?: No
Responsible Person Expediting Closure: Not reported
Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported
Date Administratively Closed: Not reported
Registration Fee 586: 0
Date Record Added: 6/30/1995
Date Record Edited: 12/28/2000
Person Adding/Editing Record: KP3
Amt Assessed By Current Cycle: 0
Amount Curently Due: 0
Date Of NFA Letter: 6/1/1989
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: Not reported
Date Of Approval Letter: Not reported
Firm Closing Tank: Not reported
Date Closure Report Received: Not reported
Registration End Date: Not reported
LockOut Flag: No
Site Useage: Not reported
Risk Type: Not reported
Soil Type: Not reported
GW Flow: Not reported
Offsite Impact: Not reported
Free Product: Not reported
Drinking Water: Not reported
Closed Under: Not reported
No Drinking Wells: 0
No Buildings: 0
Vapor Barrier: 0
St Louis Mo: 0
Special Well Area: 0
No Excavation: 0
Comments: Not reported

Tank Compartment:
Tank Compartment PK: 6053
Tank PK: 6053
Compartment No: 1
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CENTRAL TRUCK SERVICE (Continued)

U001162112

Capacity: 2000
Pipe Installation Dt: Not reported
Pipe System: Not reported
Pipe Material: 0
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Dt: Not reported
Pipe Double Wall: 0
Substance: Gasoline, Including Blends
Substance Other: Not reported
Hazardous Substance: Not reported
Case Number: Not reported
Mixture: 0
Date of Last Use: 6/1/1989
Spill Protection: 0
Tanks Use: 0

Tank ID: 3
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: No
Date Tank Installed: Not reported
Tank Material: Not reported
Other Type Of Tank Material: Not reported
Tank Internal Protection: No
Other Tank Internal Protection: Not reported
Tank Internal Protection Date: Not reported
Tank External Protection: Unknown
Other Type Tank Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 6/1/1989
Date Tank Permanently Closed/ Removed: 6/1/1989
Tank Fees Waived: No
Expedite Closure On Tank?: No
Responsible Person Expediting Closure: Not reported
Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported
Date Administratively Closed: Not reported
Registration Fee 586: 0
Date Record Added: 6/30/1995
Date Record Edited: 12/28/2000
Person Adding/Editing Record: KP3
Amt Assessed By Current Cycle: 0
Amount Curently Due: 0
Date Of NFA Letter: 6/1/1989
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: Not reported
Date Of Approval Letter: Not reported
Firm Closing Tank: Not reported
Date Closure Report Received: Not reported
Registration End Date: Not reported
LockOut Flag: No
Site Usage: Not reported
Risk Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CENTRAL TRUCK SERVICE (Continued)

U001162112

Soil Type: Not reported
GW Flow: Not reported
Offsite Impact: Not reported
Free Product: Not reported
Drinking Water: Not reported
Closed Under: Not reported
No Drinking Wells: 0
No Buildings: 0
Vapor Barrier: 0
St Louis Mo: 0
Special Well Area: 0
No Excavation: 0
Comments: Not reported

Tank Compartment:

Tank Compartment PK: 6054
Tank PK: 6054
Compartment No: 1
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 1000
Pipe Installation Dt: Not reported
Pipe System: Not reported
Pipe Material: 0
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Dt: Not reported
Pipe Double Wall: 0
Substance: Diesel
Substance Other: Not reported
Hazardous Substance: Not reported
Case Number: Not reported
Mixture: 0
Date of Last Use: 6/1/1989
Spill Protection: 0
Tanks Use: 0

Tank ID: 4
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Permanently Closed in place
Meet 98 Update Requirements: No
Date Tank Installed: 1/1/1972
Tank Material: Steel
Other Type Of Tank Material: Not reported
Tank Internal Protection: No
Other Tank Internal Protection: Not reported
Tank Internal Protection Date: Not reported
Tank External Protection: None
Other Type Tank Extn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 7/1/1989
Date Tank Permanently Closed/ Removed: 7/1/1989
Tank Fees Waived: No
Expedite Closure On Tank?: No
Responsible Person Expediting Closure: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CENTRAL TRUCK SERVICE (Continued)

U001162112

Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported
Date Administratively Closed: Not reported
Registration Fee 586: 0
Date Record Added: 6/30/1995
Date Record Edited: 8/22/1996
Person Adding/Editing Record: Not reported
Amt Assessed By Current Cycle: 0
Amount Curently Due: 0
Date Of NFA Letter: 7/1/1989
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: Not reported
Date Of Approval Letter: Not reported
Firm Closing Tank: Not reported
Date Closure Report Received: Not reported
Registration End Date: Not reported
LockOut Flag: No
Site Useage: Not reported
Risk Type: Not reported
Soil Type: Not reported
GW Flow: Not reported
Offsite Impact: Not reported
Free Product: Not reported
Drinking Water: Not reported
Closed Under: Not reported
No Drinking Wells: 0
No Buildings: 0
Vapor Barrier: 0
St Louis Mo: 0
Special Well Area: 0
No Excavation: 0
Comments: Not reported

Tank Compartment:

Tank Compartment PK: 6055
Tank PK: 6055
Compartment No: 1
Compartment Status: Permanently Closed in place
Compartment Temp Verified Dt: Not reported
Capacity: 250
Pipe Installation Dt: Not reported
Pipe System: Not reported
Pipe Material: 0
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Dt: Not reported
Pipe Double Wall: 0
Substance: Other
Substance Other: Not reported
Hazardous Substance: Not reported
Case Number: Not reported
Mixture: 0
Date of Last Use: 7/1/1989
Spill Protection: 0
Tanks Use: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

G26
East
< 1/8
0.117 mi.
618 ft.

ST JOSEPH CENTRAL FIRE STA CITY OF
401 S 7TH ST
ST JOSEPH, MO 64501

RCRA-NonGen **1007108232**
MOP000029231

Site 1 of 2 in cluster G

Relative:
Higher

RCRA-NonGen:

Date form received by agency: 01/29/1999

Facility name: ST JOSEPH CENTRAL FIRE STA CITY OF

Facility address: 401 S 7TH ST
ST JOSEPH, MO 64501

EPA ID: MOP000029231

Mailing address: FREDERICK
ST JOSEPH, MO 64501

Contact: DAVID FRAZIER

Contact address: 1100 FREDERICK
ST JOSEPH, MO 64501

Contact country: US

Contact telephone: (816) 271-5320

Contact email: Not reported

EPA Region: 07

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: CITY OF ST JOSEPH
Owner/operator address: 1100 FREDERICK
ST JOSEPH, MO 64501

Owner/operator country: Not reported

Owner/operator telephone: (816) 271-5320

Legal status: Municipal

Owner/Operator Type: Owner

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
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: Unknown
Furnace exemption: Unknown
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
Off-site waste receiver: Commercial status unknown

Hazardous Waste Summary:

Waste code: D018
Waste name: BENZENE

Violation Status: No violations found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

G27 **CENTRAL FIRE STATION**
East **401 S 7TH ST**
< 1/8 **ST JOSEPH, MO 64501**
0.117 mi.
618 ft. **Site 2 of 2 in cluster G**

MO LUST **U003164663**
MO UST **N/A**

Relative:
Higher

LUST:

Actual:
850 ft.

| |
|---|
| <p>Facility ID: ST0009327 Region: KC - Kansas City Regional Office Spill Number: Not reported Release Date: 11/18/1998 Release Type: UNDERGROUND STORAGE TANK Source: Not reported Media Affected: SOIL, GROUND WATER Date Cleanup Started: 11/18/1998 Date Cleanup Finished: 03/07/2004 Expedite: No Active: No Date Of NFA Letter From DNR: 07/22/2004 Date Record Meets Archive Criteria: 09/05/2007 Remediation ID: R006412 Funding Agency: 1 Rank: 14 Emergency Response Date: Not reported Emergency Cleanup Start: Not reported Referred To DGLS for Investigation: Not reported Contractor Performing Clean Up: P.W. STEPHENS Remediation Techniques: Not reported RBCA NFA: 0 Project Manager: L Next Correspondence/Update With Fac: Not reported Date Added: 05/25/1999 Date Record Edited: 07/23/2004 Person Adding Or Editing Record: REPPER, S Facility Sent To State Archive: No Date Remediation Unit Closed The File: Not reported Site Affectd By Funding Level From PSTIF: No Lust 2a Flag: -1 Lust 2a Flag Date: 09/30/2003 Lust 2b Flag: -1 Lust 2b Flag Date: 09/30/2008 Lust 3a Flag: -1 Lust 3a Flag Date: 09/30/2004 Lust 3b Flag: -1 Lust 3b Flag Date: 09/30/2008 Lust 4 Flag: 0 Lust 4 Flag Date: Not reported Lat/Long (dms): Not reported General Comments: 5/25/99 Cont. found during tank closure. 11/4/99 kk response letter. Item 1 ok but asked for doc for haz waste disposal and for SC (3rd time). 12/30/99 kk letter rev asking for extension due to new contractor and bid procedure. aproved. 1/26/99 phone call from contractor indicating that info I asked for was in previous correspondance, if so that item is ok, still need SC plan. City is working on that. 4/11/00 kk rev letter asking for extension of time to submit SC plan. Approved 01/29/01 kk rev SC report (1/16/01). Soil cont limited to tank pit, cannot be excavated due to structural integrity of building. Gw cont in MW-2,3,5. Req quarterly gw mont. Events. 07/27/01 kk rev work plan dated June 21, 2001. Approved gw</p> |
|---|

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CENTRAL FIRE STATION (Continued)

U003164663

monitoring for one year. 4/5/02 kk rev file. Req update on gw mont activities. 3/11/03 BAS - Sent request update letter. 6/4/03 BAS - received update letter dated April 2, 2003 stating that a notice to proceed and contract has been sent to Stevens and Associates to proceed with GWM. 1/2/04 MLM - Review 1st qtrly gw monitoring report dated May 2, 2003. Nothing detected. Consultant recommends 3 additional quarters of monitoring to verify. Responed with approval and recommend MRBCA, request MRBCA proposal. 1/15/04 MLM - Review 2nd qtrly gw mon report. Concentrations are below cleanup standards. They recommend additional 2 qtrs monitoring - approved 2/4/04 MLM - Rev Nov 26, 2003 3rd qtrly gw mon report. Concentrations are below cleanup standards. They recommend a 4 th sample round to confirm results - approved. 21/17/04 MLM - call from consultant, will not be able to sample until March due to weather, they will send a letter. 7/13/04 RPS - Reviewed March groundwater monitoring report. Drafted NFA letter. 07/22/04 RPS - NFA letter went out.

UST:

Facility ID: ST0009327
Region: KC
Lat/Long: 39.7641012553556 / -94.8519040292854
Lat/Long (dms): Not reported
Easting: 341374.326328
Northing: 4403215.32303
Method Data Was Obtained: Street Centerline
Accuracy Of Geospatial Data: 8
Owner Of Geospatial Data: Hazardous Waste Program
Amount Of Deviation In Accuracy: 70
Deviation In Meters; Feet; Pdrop; Score: Score
Geospatial Point Line Area Indicator: 001
Geospatial Horizontal Reference Datum: NAD83
Where Geospatial Data Collected On Site: Not reported
Geospatial Source Data Location: HWP
Geospatial Data Collected By: ROBERTS, J
Geospatial Elevation Method: Not reported
Geospatial Elevation Reference Datum: Not reported
Date Gis Data Collected: Not reported

Owner:

Owner ID: OW06613
Owner Name: CITY OF ST JOSEPH
Owner Address: 1100 FREDERICK AVENUE
Owner City,St,Zip: ST JOSEPH, MO 64501
Owner County Code: 21
Owner Phone: 2714670
Mail Was Not Deliverable: No
Is Owner Active?: Yes
Date Registration Received: Not reported
Date Record Added: 6/30/1995
Date Record Edited: 5/24/1999
Name of Person Editing Record: NREQHW-WILDB

Tank ID: 1
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CENTRAL FIRE STATION (Continued)

U003164663

Meet 98 Update Requirements: No
Date Tank Installed: 1/1/1955
Tank Material: Steel
Other Type Of Tank Material: Not reported
Tank Internal Protection: No
Other Tank Internal Protection: Not reported
Tank Internal Protection Date: Not reported
Tank External Protection: Unknown
Other Type Tank Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 1/1/1985
Date Tank Permanently Closed/ Removed: 10/19/1998
Tank Fees Waived: No
Expedite Closure On Tank?: No
Responsible Person Expediting Closure: Not reported
Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported
Date Administratively Closed: Not reported
Registration Fee 586: 0
Date Record Added: 6/30/1995
Date Record Edited: 5/25/1999
Person Adding/Editing Record: NREQHW-WILDB
Amt Assessed By Current Cycle: 0
Amount Curently Due: 0
Date Of NFA Letter: 10/19/1998
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: 10/6/1998
Date Of Approval Letter: 10/19/1998
Firm Closing Tank: PW STEPHENS
Date Closure Report Received: 4/23/1999
Registration End Date: Not reported
LockOut Flag: No
Site Useage: Not reported
Risk Type: Not reported
Soil Type: Not reported
GW Flow: Not reported
Offsite Impact: Not reported
Free Product: Not reported
Drinking Water: Not reported
Closed Under: Not reported
No Drinking Wells: 0
No Buildings: 0
Vapor Barrier: 0
St Louis Mo: 0
Special Well Area: 0
No Excavation: 0
Comments: Not reported

Tank Compartment:

Tank Compartment PK: 23047
Tank PK: 23047
Compartment No: 1
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 850
Pipe Installation Dt: Not reported
Pipe System: 0
Pipe Material: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CENTRAL FIRE STATION (Continued)

U003164663

Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Dt: Not reported
Pipe Double Wall: 0
Substance: Gasoline, Including Blends
Substance Other: Not reported
Hazardous Substance: Not reported
Case Number: Not reported
Mixture: 0
Date of Last Use: 1/1/1985
Spill Protection: 0
Tanks Use: 0

Tank ID: 2
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: No
Date Tank Installed: Not reported
Tank Material: Steel
Other Type Of Tank Material: Not reported
Tank Internal Protection: No
Other Tank Internal Protection: Not reported
Tank Internal Protection Date: Not reported
Tank External Protection: Unknown
Other Type Tank Extn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 1/1/1985
Date Tank Permanently Closed/ Removed: 10/19/1998
Tank Fees Waived: No
Expedite Closure On Tank?: No
Responsible Person Expediting Closure: Not reported
Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported
Date Administratively Closed: Not reported
Registration Fee 586: 0
Date Record Added: 5/25/1999
Date Record Edited: Not reported
Person Adding/Editing Record: NREQHW-WILDB
Amt Assessed By Current Cycle: 0
Amount Curently Due: 0
Date Of NFA Letter: 10/19/1998
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: 10/6/1998
Date Of Approval Letter: 10/19/1998
Firm Closing Tank: PW STEPHENS
Date Closure Report Received: 4/23/1999
Registration End Date: Not reported
LockOut Flag: No
Site Useage: Not reported
Risk Type: Not reported
Soil Type: Not reported
GW Flow: Not reported
Offsite Impact: Not reported
Free Product: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CENTRAL FIRE STATION (Continued)

U003164663

Drinking Water: Not reported
Closed Under: Not reported
No Drinking Wells: 0
No Buildings: 0
Vapor Barrier: 0
St Louis Mo: 0
Special Well Area: 0
No Excavation: 0
Comments: Not reported

Tank Compartment:
Tank Compartment PK: 23048
Tank PK: 23048
Compartment No: 1
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 300
Pipe Installation Dt: Not reported
Pipe System: 0
Pipe Material: 0
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Dt: Not reported
Pipe Double Wall: 0
Substance: Diesel
Substance Other: Not reported
Hazardous Substance: Not reported
Case Number: Not reported
Mixture: 0
Date of Last Use: 1/1/1985
Spill Protection: 0
Tanks Use: 0

H28
West
1/8-1/4
0.132 mi.
696 ft.

LESCO INC
222B SYLVANIE
ST JOSEPH, MO 64501
Site 1 of 3 in cluster H

RCRA-NonGen 1007107360
MOP000006551

Relative:
Lower

RCRA-NonGen:
Date form received by agency: 04/04/1997
Facility name: LESCO INC
Facility address: 222B SYLVANIE
ST JOSEPH, MO 64501
EPA ID: MOP000006551
Mailing address: LAKE RD
CLEVELAND, OH 44116
Contact: MARK GRADERT
Contact address: 20005 LAKE RD
CLEVELAND, OH 44116
Contact country: US
Contact telephone: (216) 333-9250
Contact email: Not reported
EPA Region: 07
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Actual:
822 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LESCO INC (Continued)

1007107360

Owner/Operator Summary:

Owner/operator name: HPI
Owner/operator address: 222 SYLVANIE
ST JOSEPH, MO 64501
Owner/operator country: Not reported
Owner/operator telephone: (816) 233-1237
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
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: Unknown
Furnace exemption: Unknown
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
Off-site waste receiver: Commercial status unknown

Hazardous Waste Summary:

Waste code: NONE
Waste name: None

Violation Status: No violations found

H29
West
1/8-1/4
0.133 mi.
703 ft.

H P I PRODUCTS INC
222 SYLVANIE
ST JOSEPH, MO 64503
Site 2 of 3 in cluster H

RCRA-LQG 1001817748
MO0000011445

Relative:
Lower

RCRA-LQG:

Date form received by agency: 06/29/2006
Facility name: H P I PRODUCTS INC
Facility address: 222 SYLVANIE
ST JOSEPH, MO 64501
EPA ID: MO0000011445
Mailing address: PO BOX 997
ST JOSEPH, MO 64502
Contact: SID HOOVER
Contact address: PO BOX 997
ST JOSEPH, MO 64502
Contact country: US
Contact telephone: (816) 233-1237
Contact email: SHOOVEREHPIPI.COM
EPA Region: 07
Land type: Private

Actual:
822 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

H P I PRODUCTS INC (Continued)

1001817748

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

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
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: Unknown
Furnace exemption: Unknown
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
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 08/15/2005
Facility name: H P I PRODUCTS INC
Classification: Large Quantity Generator

Date form received by agency: 07/14/2004
Facility name: H P I PRODUCTS INC
Classification: Small Quantity Generator

Date form received by agency: 04/16/2004
Facility name: H P I PRODUCTS INC
Classification: Large Quantity Generator

Date form received by agency: 09/24/1999
Facility name: H P I PRODUCTS INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 09/07/1993
Facility name: H P I PRODUCTS INC
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

H P I PRODUCTS INC (Continued)

1001817748

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.

Waste code: D003

Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

Waste code: D007

Waste name: CHROMIUM

Waste code: D016

Waste name: 2,4-D

Waste code: D028

Waste name: 1,2-DICHLOROETHANE

Waste code: F002

Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

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.

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.

Waste code: P039

Waste name: DISULFOTON

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

H P I PRODUCTS INC (Continued)

1001817748

| | |
|-------------|-------------------------------|
| Waste code: | P044 |
| Waste name: | DIMETHOATE |
| Waste code: | P089 |
| Waste name: | PARATHION |
| Waste code: | U019 |
| Waste name: | BENZENE (I,T) |
| Waste code: | U055 |
| Waste name: | BENZENE, (1-METHYLETHYL)- (I) |
| Waste code: | U056 |
| Waste name: | BENZENE, HEXAHYDRO- (I) |
| Waste code: | U057 |
| Waste name: | CYCLOHEXANONE (I) |
| Waste code: | U108 |
| Waste name: | 1,4-DIETHYLENEOXIDE |
| Waste code: | U112 |
| Waste name: | ACETIC ACID ETHYL ESTER (I) |
| Waste code: | U122 |
| Waste name: | FORMALDEHYDE |
| Waste code: | U136 |
| Waste name: | ARSINIC ACID, DIMETHYL- |
| Waste code: | U140 |
| Waste name: | ISOBUTYL ALCOHOL (I,T) |
| Waste code: | U145 |
| Waste name: | LEAD PHOSPHATE |
| Waste code: | U154 |
| Waste name: | METHANOL (I) |
| Waste code: | U165 |
| Waste name: | NAPHTHALENE |
| Waste code: | U176 |
| Waste name: | N-NITROSO-N-ETHYLUREA |
| Waste code: | U177 |
| Waste name: | N-NITROSO-N-METHYLUREA |
| Waste code: | U183 |
| Waste name: | BENZENE, PENTACHLORO- |
| Waste code: | U220 |
| Waste name: | BENZENE, METHYL- |
| Waste code: | U239 |
| Waste name: | BENZENE, DIMETHYL- (I,T) |

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

H P I PRODUCTS INC (Continued)

1001817748

Waste code: U240
Waste name: ACETIC ACID, (2,4-DICHLOROPHENOXY)-, SALTS & ESTERS

Waste code: U249
Waste name: ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS OF 10% OR LESS

Waste code: U328
Waste name: BENZENAMINE, 2-METHYL-

Waste code: U353
Waste name: BENZENAMINE, 4-METHYL-

Waste code: U359
Waste name: ETHANOL, 2-ETHOXY-

Biennial Reports:

Last Biennial Reporting Year: 2007

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 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.

Amount (Lbs): 165796

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Amount (Lbs): 255

Waste code: D003
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

Amount (Lbs): 121

Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 152476

Waste code: D008
Waste name: LEAD
Amount (Lbs): 3820

Waste code: D009
Waste name: MERCURY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

H P I PRODUCTS INC (Continued)

1001817748

| | |
|---------------|--|
| Amount (Lbs): | 6 |
| Waste code: | D011 |
| Waste name: | SILVER |
| Amount (Lbs): | 80 |
| Waste code: | D014 |
| Waste name: | METHOXYCHLOR |
| Amount (Lbs): | 10502 |
| Waste code: | D016 |
| Waste name: | 2,4-D |
| Amount (Lbs): | 179377 |
| Waste code: | D028 |
| Waste name: | 1,2-DICHLOROETHANE |
| Amount (Lbs): | 152396 |
| 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): | 152396 |
| Waste code: | U002 |
| Waste name: | ACETONE (I) |
| Amount (Lbs): | 743 |
| Waste code: | U003 |
| Waste name: | ACETONITRILE (I,T) |
| Amount (Lbs): | 743 |
| Waste code: | U154 |
| Waste name: | METHANOL (I) |
| Amount (Lbs): | 743 |
| Waste code: | U185 |
| Waste name: | BENZENE, PENTACHLORONITRO- |
| Amount (Lbs): | 1302 |
| Waste code: | U188 |
| Waste name: | PHENOL |
| Amount (Lbs): | 80 |
| Waste code: | U239 |
| Waste name: | BENZENE, DIMETHYL- (I,T) |
| Amount (Lbs): | 476 |
| Waste code: | U247 |
| Waste name: | BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS[4- METHOXY- |

Map ID
Direction
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Elevation

MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

H P I PRODUCTS INC (Continued)

1001817748

Amount (Lbs): 9040

Waste code: U249
Waste name: ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS OF 10% OR LESS
Amount (Lbs): 210

Waste code: U279
Waste name: CARBARYL (OR) 1-NAPHTHALENOL, METHYLCARBAMATE
Amount (Lbs): 5888

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Formal Enforcement Agreement or Order
Date violation determined: 09/06/2007
Date achieved compliance: Not reported
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/14/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-General Facility Standards
Date violation determined: 05/16/2007
Date achieved compliance: Not reported
Violation lead agency: EPA
Enforcement action: FINAL IMMINENT HAZARD ORDER
Enforcement action date: 08/14/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-General Facility Standards
Date violation determined: 05/16/2007
Date achieved compliance: Not reported
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/03/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Container Use and Management
Date violation determined: 05/16/2007

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

H P I PRODUCTS INC (Continued)

1001817748

Date achieved compliance: Not reported
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/03/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
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: 05/16/2007
Date achieved compliance: Not reported
Violation lead agency: EPA
Enforcement action: FINAL IMMEDIATE HAZARD ORDER
Enforcement action date: 08/14/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Preparedness and Prevention
Date violation determined: 05/16/2007
Date achieved compliance: Not reported
Violation lead agency: EPA
Enforcement action: FINAL IMMEDIATE HAZARD ORDER
Enforcement action date: 08/14/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Contingency Plan and Emergency Procedures
Date violation determined: 05/16/2007
Date achieved compliance: Not reported
Violation lead agency: EPA
Enforcement action: FINAL IMMEDIATE HAZARD ORDER
Enforcement action date: 08/14/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
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: 05/16/2007
Date achieved compliance: Not reported

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

H P I PRODUCTS INC (Continued)

1001817748

Violation lead agency: EPA
Enforcement action: FINAL IMMINENT HAZARD ORDER
Enforcement action date: 08/14/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
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: 05/16/2007
Date achieved compliance: Not reported
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/03/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
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: 05/16/2007
Date achieved compliance: Not reported
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/03/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
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: 05/16/2007
Date achieved compliance: Not reported
Violation lead agency: EPA
Enforcement action: FINAL IMMINENT HAZARD ORDER
Enforcement action date: 08/14/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
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: 05/16/2007
Date achieved compliance: Not reported
Violation lead agency: EPA

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

H P I PRODUCTS INC (Continued)

1001817748

Enforcement action: FINAL IMMEDIATE HAZARD ORDER
Enforcement action date: 08/14/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Contingency Plan and Emergency Procedures
Date violation determined: 05/16/2007
Date achieved compliance: Not reported
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/03/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Container Use and Management
Date violation determined: 05/16/2007
Date achieved compliance: Not reported
Violation lead agency: EPA
Enforcement action: FINAL IMMEDIATE HAZARD ORDER
Enforcement action date: 08/14/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
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: 05/16/2007
Date achieved compliance: Not reported
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/03/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
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: 05/16/2007
Date achieved compliance: Not reported
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

H P I PRODUCTS INC (Continued)

1001817748

Enforcement action date: 08/03/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Preparedness and Prevention
Date violation determined: 05/16/2007
Date achieved compliance: Not reported
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/03/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
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: 12/13/2006
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: NOTICE OF DETERMINATION
Enforcement action date: 01/16/2007
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 - Pre-transport
Date violation determined: 12/13/2006
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: NOTICE OF DETERMINATION
Enforcement action date: 01/16/2007
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: SR - B14
Area of violation: Generators - Pre-transport
Date violation determined: 11/15/2005
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 11/15/2005

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H P I PRODUCTS INC (Continued)

1001817748

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: SR - D3
Area of violation: Generators - Pre-transport
Date violation determined: 11/15/2005
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 11/15/2005
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: SR - A6
Area of violation: Generators - General
Date violation determined: 11/15/2005
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 11/15/2005
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: SR - G3
Area of violation: Generators - General
Date violation determined: 11/15/2005
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 11/15/2005
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: SR - B18
Area of violation: Generators - Pre-transport
Date violation determined: 11/15/2005
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 11/15/2005
Enf. disposition status: Not reported

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H P I PRODUCTS INC (Continued)

1001817748

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: SR - E1
Area of violation: Generators - Manifest
Date violation determined: 11/15/2005
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 11/15/2005
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: SR - H1
Area of violation: Generators - General
Date violation determined: 11/15/2005
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 11/15/2005
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: SR - A5
Area of violation: Generators - General
Date violation determined: 11/15/2005
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 11/15/2005
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: SR - B15
Area of violation: Generators - Pre-transport
Date violation determined: 11/15/2005
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 11/15/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

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H P I PRODUCTS INC (Continued)

1001817748

Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - A2
Area of violation: Generators - General
Date violation determined: 11/15/2005
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 11/15/2005
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: SR - D4
Area of violation: Generators - Pre-transport
Date violation determined: 11/15/2005
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 11/15/2005
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: SR - B1
Area of violation: Generators - Pre-transport
Date violation determined: 11/15/2005
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 11/15/2005
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: SR - G4
Area of violation: Generators - General
Date violation determined: 11/15/2005
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 11/15/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

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H P I PRODUCTS INC (Continued)

1001817748

Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - B6
Area of violation: Generators - General
Date violation determined: 11/15/2005
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 11/15/2005
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: SR - B4
Area of violation: Generators - Pre-transport
Date violation determined: 11/15/2005
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 11/15/2005
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: SR - B16
Area of violation: Generators - Pre-transport
Date violation determined: 11/15/2005
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 11/15/2005
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: SR - B19
Area of violation: Generators - Pre-transport
Date violation determined: 11/15/2005
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 11/15/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

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H P I PRODUCTS INC (Continued)

1001817748

Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - D2
Area of violation: Generators - Pre-transport
Date violation determined: 11/15/2005
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 11/15/2005
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: SR - A3
Area of violation: Generators - General
Date violation determined: 11/15/2005
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 11/15/2005
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: SR - B17
Area of violation: Generators - General
Date violation determined: 11/15/2005
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 11/15/2005
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: SR - B13
Area of violation: Generators - Pre-transport
Date violation determined: 11/15/2005
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 11/15/2005
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

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H P I PRODUCTS INC (Continued)

1001817748

Paid penalty amount: Not reported

Regulation violated: SR - B20
Area of violation: Generators - General
Date violation determined: 11/15/2005
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 11/15/2005
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: SR - A4
Area of violation: Generators - General
Date violation determined: 11/15/2005
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 11/15/2005
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: SR - D1
Area of violation: Generators - Pre-transport
Date violation determined: 11/15/2005
Date achieved compliance: Not reported
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 11/15/2005
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

Evaluation Action Summary:

Evaluation date: 09/06/2007
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Formal Enforcement Agreement or Order
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 05/16/2007
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: TSD IS-Preparedness and Prevention
Date achieved compliance: Not reported
Evaluation lead agency: EPA

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H P I PRODUCTS INC (Continued)

1001817748

| | |
|---------------------------|--|
| Evaluation date: | 05/16/2007 |
| Evaluation: | SIGNIFICANT NON-COMPLIER |
| Area of violation: | TSD IS-General Facility Standards |
| Date achieved compliance: | Not reported |
| Evaluation lead agency: | EPA |
| Evaluation date: | 05/16/2007 |
| Evaluation: | SIGNIFICANT NON-COMPLIER |
| Area of violation: | State Statute or Regulation |
| Date achieved compliance: | Not reported |
| Evaluation lead agency: | EPA |
| Evaluation date: | 05/16/2007 |
| Evaluation: | SIGNIFICANT NON-COMPLIER |
| Area of violation: | TSD IS-Container Use and Management |
| Date achieved compliance: | Not reported |
| Evaluation lead agency: | EPA |
| Evaluation date: | 05/16/2007 |
| Evaluation: | SIGNIFICANT NON-COMPLIER |
| Area of violation: | TSD IS-Contingency Plan and Emergency Procedures |
| Date achieved compliance: | Not reported |
| Evaluation lead agency: | EPA |
| Evaluation date: | 05/16/2007 |
| Evaluation: | SIGNIFICANT NON-COMPLIER |
| Area of violation: | Used Oil - Generators |
| Date achieved compliance: | Not reported |
| Evaluation lead agency: | EPA |
| Evaluation date: | 05/16/2007 |
| Evaluation: | SIGNIFICANT NON-COMPLIER |
| Area of violation: | Generators - General |
| Date achieved compliance: | Not reported |
| Evaluation lead agency: | EPA |
| Evaluation date: | 05/16/2007 |
| Evaluation: | SIGNIFICANT NON-COMPLIER |
| Area of violation: | Generators - Pre-transport |
| Date achieved compliance: | Not reported |
| Evaluation lead agency: | EPA |
| Evaluation date: | 03/20/2007 |
| Evaluation: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Area of violation: | TSD IS-General Facility Standards |
| Date achieved compliance: | Not reported |
| Evaluation lead agency: | EPA |
| Evaluation date: | 03/20/2007 |
| Evaluation: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Area of violation: | Generators - General |
| Date achieved compliance: | Not reported |
| Evaluation lead agency: | EPA |
| Evaluation date: | 03/20/2007 |
| Evaluation: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Area of violation: | TSD IS-Container Use and Management |

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MAP FINDINGS

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Database(s)

EDR ID Number
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H P I PRODUCTS INC (Continued)

1001817748

Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 03/20/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 03/20/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Preparedness and Prevention
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 03/20/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: State Statute or Regulation
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 03/20/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Contingency Plan and Emergency Procedures
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 03/20/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Used Oil - Generators
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 03/13/2007
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Generators - General
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 12/13/2006
Evaluation: CASE DEVELOPMENT INSPECTION
Area of violation: Generators - General
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/13/2006
Evaluation: CASE DEVELOPMENT INSPECTION
Area of violation: Generators - Pre-transport
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/15/2005
Evaluation: CASE DEVELOPMENT INSPECTION
Area of violation: Generators - General
Date achieved compliance: Not reported
Evaluation lead agency: State

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
 EPA ID Number

H P I PRODUCTS INC (Continued)

1001817748

| | |
|---------------------------|--|
| Evaluation date: | 11/15/2005 |
| Evaluation: | SIGNIFICANT NON-COMPLIER |
| Area of violation: | Not reported |
| Date achieved compliance: | Not reported |
| Evaluation lead agency: | State |
| | |
| Evaluation date: | 11/15/2005 |
| Evaluation: | CASE DEVELOPMENT INSPECTION |
| Area of violation: | Generators - Pre-transport |
| Date achieved compliance: | Not reported |
| Evaluation lead agency: | State |
| | |
| Evaluation date: | 11/15/2005 |
| Evaluation: | CASE DEVELOPMENT INSPECTION |
| Area of violation: | Generators - Manifest |
| Date achieved compliance: | Not reported |
| Evaluation lead agency: | State |
| | |
| Evaluation date: | 09/12/2005 |
| Evaluation: | FOCUSED COMPLIANCE INSPECTION |
| Area of violation: | Not reported |
| Date achieved compliance: | Not reported |
| Evaluation lead agency: | State |
| | |
| Evaluation date: | 03/12/2003 |
| Evaluation: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Area of violation: | Not reported |
| Date achieved compliance: | Not reported |
| Evaluation lead agency: | State |
| | |
| Evaluation date: | 09/24/1999 |
| Evaluation: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Area of violation: | Not reported |
| Date achieved compliance: | Not reported |
| Evaluation lead agency: | EPA |

I30
SSE
1/8-1/4
0.138 mi.
727 ft.

SALVATION ARMY
618 S 6TH ST
ST JOSEPH, MO 64501
Site 1 of 2 in cluster I

RCRA-CESQG **1007203085**
MOP000510578

Relative:
Lower

RCRA-CESQG:
 Date form received by agency: 02/13/2004
 Facility name: SALVATION ARMY
 Facility address: 618 S 6TH ST
 ST JOSEPH, MO 64501
 EPA ID: MOP000510578
 Mailing address: MESSANIE ST
 ST JOSEPH, MO 64501
 Contact: RONALD LEMIRANO
 Contact address: MESSANIE ST
 ST JOSEPH, MO 64501
 Contact country: US
 Contact telephone: (816) 279-2101
 Contact email: Not reported
 EPA Region: 07
 Classification: Conditionally Exempt Small Quantity Generator
 Description: Handler: generates 100 kg or less of hazardous waste per calendar

Actual:
832 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SALVATION ARMY (Continued)

1007203085

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: SALVATION ARMY
Owner/operator address: BROADWAY
KANSAS CITY, MO 64141
Owner/operator country: US
Owner/operator telephone: (816) 756-1455
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 02/13/2004
Owner/Op end date: Not reported

Owner/operator name: SALVATION ARMY
Owner/operator address: BROADWAY
KANSAS CITY, MO 64141
Owner/operator country: US
Owner/operator telephone: (816) 756-1455
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 02/13/2004
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: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SALVATION ARMY (Continued)

1007203085

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

Waste code: D008
Waste name: LEAD

Waste code: D018
Waste name: BENZENE

Violation Status: No violations found

**H31
West
1/8-1/4
0.142 mi.
748 ft.**

**DALE ALLEY CO PLATTE CHEM
202 SYLVANIE ST
ST JOSEPH, MO 64502**

**RCRA-NonGen 1000195215
MOD981719263**

Site 3 of 3 in cluster H

**Relative:
Lower**

RCRA-NonGen:
Date form received by agency: 03/08/2005
Facility name: DALE ALLEY CO PLATTE CHEM
Facility address: 202 SYLVANIE ST
ST JOSEPH, MO 64502
EPA ID: MOD981719263
Mailing address: PO BOX 452
ST JOSEPH, MO 64502
Contact: FRED SCHNEIDER
Contact address: PO BOX 452
ST JOSEPH, MO 64502
Contact country: US
Contact telephone: (816) 279-2753
Contact email: Not reported
EPA Region: 07
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

**Actual:
822 ft.**

Owner/Operator Summary:

Owner/operator name: GINA-JULJET 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: 01/01/0001
Owner/Op end date: Not reported

Owner/operator name: GINA-JULJET 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: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DALE ALLEY CO PLATTE CHEM (Continued)

1000195215

Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
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: Unknown
Furnace exemption: Unknown
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
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 11/09/1987
Facility name: DALE ALLEY CO PLATTE CHEM
Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D000
Waste name: Not Defined

Violation Status: No violations found

I32
SSE
1/8-1/4
0.157 mi.
829 ft.

ARNOLDS ANTIQUES
644 S 6 ST
ST JOSEPH, MO 64501
Site 2 of 2 in cluster I

RCRA-NonGen **1004740655**
FINDS **MOD985796465**

Relative:
Lower

RCRA-NonGen:

Date form received by agency: 11/26/2007
Facility name: ARNOLDS ANTIQUES
Facility address: 644 S 6 ST
ST JOSEPH, MO 64501
EPA ID: MOD985796465
Mailing address: RT 2 BOX 99
WATHENA, KS 66090
Contact: GALEN ARNOLD
Contact address: RT 2 BOX 99
WATHENA, KS 66090
Contact country: US
Contact telephone: (913) 365-4832
Contact email: Not reported
EPA Region: 07
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARNOLDS ANTIQUES (Continued)

1004740655

Owner/Operator Summary:

Owner/operator name: GALEN ARNOLD
Owner/operator address: PO BOX 99
WATHENA, KS 66090
Owner/operator country: Not reported
Owner/operator telephone: (913) 365-4832
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/0001
Owner/Op end date: Not reported

Owner/operator name: GALEN ARNOLD
Owner/operator address: PO BOX 99
WATHENA, KS 66090
Owner/operator country: Not reported
Owner/operator telephone: (913) 365-4832
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/0001
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
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 01/18/2001
Facility name: ARNOLDS ANTIQUES
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/16/1994
Facility name: ARNOLDS ANTIQUES
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 08/06/2008
Evaluation: COMPLIANCE ASSISTANCE VISIT
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

ARNOLDS ANTIQUES (Continued)

1004740655

Evaluation lead agency: State

FINDS:

Registry ID: 110003964791

Environmental Interest/Information System

The MO-DNR (Missouri Department of Natural Resources) program involves a Resource Assessment and Monitoring Program, biological criteria development, monitoring of targeted sites to determine compliance with the designated use of aquatic life protection in the standards, monitoring for 303(3) purposes, and the development of a stream classification framework.

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.

33
NE
1/8-1/4
0.172 mi.
906 ft.

CREVISTON & SON JEWELRY MFG CO INC
114 N 7TH
SAINT JOSEPH, MO 64501

RCRA-NonGen 1000433365
FINDS MOD007127434

Relative:
Higher

RCRA-NonGen:

Date form received by agency: 08/18/1980
Facility name: CREVISTON & SON JEWELRY MFG CO INC
Facility address: 114 N 7TH
ST JOSEPH, MO 645011404
EPA ID: MOD007127434
Mailing address: N 7TH
ST JOSEPH, MO 64501
Contact: JAMES CREVISTON
Contact address: 114 N 7TH
ST JOSEPH, MO 64501
Contact country: US
Contact telephone: (816) 232-7971
Contact email: Not reported
EPA Region: 07
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Actual:
873 ft.

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
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: Unknown
Furnace exemption: Unknown
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

CREVISTON & SON JEWELRY MFG CO INC (Continued)

1000433365

Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Hazardous Waste Summary:

Waste code: D000
Waste name: Not Defined

Waste code: F007
Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS

Violation Status: No violations found

FINDS:

Registry ID: 110003941361

Environmental Interest/Information System

The MO-DNR (Missouri Department of Natural Resources) program involves a Resource Assessment and Monitoring Program, biological criteria development, monitoring of targeted sites to determine compliance with the designated use of aquatic life protection in the standards, monitoring for 303(3) purposes, and the development of a stream classification framework.

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.

34
North
1/8-1/4
0.174 mi.
917 ft.

ST JOSEPH LIGHT & POWER CO
520 FRANCIS ST
ST JOSEPH, MO 64501

CERC-NFRAP 1000265691
RCRA-SQG MOD006966881
FTTS
HIST FTTS
PADS
FINDS

Relative:
Higher

CERC-NFRAP:
Site ID: 0700849
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP

Actual:
873 ft.

CERCLIS-NFRAP Site Contact Name(s):

Contact Title: Not reported
Contact Name: JAMIE BERNARD DRAKEY
Contact Tel: (913) 551-7400

Contact Title: BUDGET COORDINATOR
Contact Name: TERI HANKINS
Contact Tel: (913) 551-7118

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ST JOSEPH LIGHT & POWER CO (Continued)

1000265691

Contact Title: SITE MANAGER
Contact Name: RON KING
Contact Tel: (913) 551-7568

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY
Date Started: Not reported
Date Completed: 07/01/1980
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: 03/01/1985
Date Completed: 08/21/1985
Priority Level: Low priority for further assessment

Action: SITE INSPECTION
Date Started: 03/05/1985
Date Completed: 08/21/1985
Priority Level: NFRAP: No further Remedial Action planned

Action: 6I
Date Started: Not reported
Date Completed: 08/31/1985
Priority Level: Not reported

Action: 6I
Date Started: Not reported
Date Completed: 07/08/1994
Priority Level: Not reported

Action: SH
Date Started: Not reported
Date Completed: 07/08/1994
Priority Level: Not reported

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 07/08/1994
Priority Level: Not reported

RCRA-SQG:

Date form received by agency: 07/14/1980
Facility name: ST JOSEPH LIGHT & POWER CO
Facility address: 520 FRANCIS ST
ST JOSEPH, MO 64501
EPA ID: MOD006966881
Mailing address: FRANCIS ST
ST JOSEPH, MO 64502
Contact: EARL MYERS
Contact address: 520 FRANCIS ST
ST JOSEPH, MO 64502
Contact country: US
Contact telephone: (816) 253-8888
Contact email: Not reported
EPA Region: 07
Classification: Small Small Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ST JOSEPH LIGHT & POWER CO (Continued)

1000265691

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

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
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: Unknown
Furnace exemption: Unknown
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
Off-site waste receiver: Commercial status unknown

Hazardous Waste Summary:

Waste code: D000
Waste name: Not Defined

Violation Status: No violations found

FTTS INSP:

Inspection Number: 19891116MO-01 9
Region: 07
Inspection Date: 11/16/89
Inspector: STEINER
Violation occurred: No
Investigation Type: Specific Product Review
Investigation Reason: Neutral Scheme, Region
Legislation Code: FIFRA
Facility Function: User

HIST FTTS INSP:

Inspection Number: 19891116MO-01 9
Region: 07
Inspection Date: Not reported
Inspector: STEINER
Violation occurred: No
Investigation Type: Specific Product Review
Investigation Reason: Neutral Scheme, Region
Legislation Code: FIFRA
Facility Function: User

FINDS:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ST JOSEPH LIGHT & POWER CO (Continued)

1000265691

Registry ID: 110003941209

Environmental Interest/Information System

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 MO-DNR (Missouri Department of Natural Resources) program involves a Resource Assessment and Monitoring Program, biological criteria development, monitoring of targeted sites to determine compliance with the designated use of aquatic life protection in the standards, monitoring for 303(3) purposes, and the development of a stream classification framework.

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.

35
East
1/8-1/4
0.181 mi.
955 ft.

HPI PRODUCTS INC
424 S 8TH ST
ST JOSEPH, MO 64501

RCRA-LQG **1010322891**
MOR000526053

Relative:
Higher

RCRA-LQG:

Date form received by agency: 04/16/2007
Facility name: HPI PRODUCTS INC
Facility address: 424 S 8TH ST
ST JOSEPH, MO 645012214
EPA ID: MOR000526053
Mailing address: PO BOX 997
ST JOSEPH, MO 64502
Contact: SID HOOVER
Contact address: PO BOX 997
ST JOSEPH, MO 64502
Contact country: US
Contact telephone: (816) 233-1237
Telephone ext.: 1314
Contact email: SHOOVER@HPIPI.COM
EPA Region: 07
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HPI PRODUCTS INC (Continued)

1010322891

hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: BILL GARVEY
Owner/operator address: SYLVANIE
ST JOSEPH, MO 64501
Owner/operator country: US
Owner/operator telephone: (816) 233-1287
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 04/16/2007
Owner/Op end date: Not reported

Owner/operator name: BILL GARVEY
Owner/operator address: SYLVANIE
ST JOSEPH, MO 64501
Owner/operator country: US
Owner/operator telephone: (816) 233-1287
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 04/16/2007
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
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 04/02/2007
Facility name: HPI PRODUCTS INC
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HPI PRODUCTS INC (Continued)

1010322891

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D003
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

Waste code: D013
Waste name: LINDANE

Waste code: D014
Waste name: METHOXYCHLOR

Waste code: D016
Waste name: 2,4-D

Waste code: D028
Waste name: 1,2-DICHLOROETHANE

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

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.

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HPI PRODUCTS INC (Continued)

1010322891

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.

| | |
|-------------|---|
| Waste code: | F027 |
| Waste name: | DISCARDED UNUSED FORMULATIONS CONTAINING TRI-, TETRA-, OR PENTACHLOROPHENOL OR DISCARDED UNUSED FORMULATIONS CONTAINING COMPOUNDS DERIVED FROM THESE CHLOROPHENOLS. (THIS LISTING DOES NOT INCLUDE FORMULATIONS CONTAINING HEXACHLOROPHENE SYNTHESIZED FROM PREPURIFIED 2,4,5-TRICHLOROPHENOL AS THE SOLE COMPONENT). |
| Waste code: | P039 |
| Waste name: | DISULFOTON |
| Waste code: | P044 |
| Waste name: | DIMETHOATE |
| Waste code: | P089 |
| Waste name: | PARATHION |
| Waste code: | U001 |
| Waste name: | ACETALDEHYDE (I) |
| Waste code: | U002 |
| Waste name: | ACETONE (I) |
| Waste code: | U003 |
| Waste name: | ACETONITRILE (I,T) |
| Waste code: | U019 |
| Waste name: | BENZENE (I,T) |
| Waste code: | U031 |
| Waste name: | 1-BUTANOL (I) |
| Waste code: | U055 |
| Waste name: | BENZENE, (1-METHYLETHYL)- (I) |
| Waste code: | U056 |
| Waste name: | BENZENE, HEXAHYDRO- (I) |
| Waste code: | U057 |
| Waste name: | CYCLOHEXANONE (I) |
| Waste code: | U092 |
| Waste name: | DIMETHYLAMINE (I) |
| Waste code: | U108 |
| Waste name: | 1,4-DIETHYLENEOXIDE |
| Waste code: | U112 |
| Waste name: | ACETIC ACID ETHYL ESTER (I) |
| Waste code: | U122 |
| Waste name: | FORMALDEHYDE |

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HPI PRODUCTS INC (Continued)

1010322891

| | |
|-------------|---|
| Waste code: | U129 |
| Waste name: | CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA,2ALPHA,3BETA,4ALPHA,5ALPHA,6BETA)- |
| Waste code: | U136 |
| Waste name: | ARSINIC ACID, DIMETHYL- |
| Waste code: | U140 |
| Waste name: | ISOBUTYL ALCOHOL (I,T) |
| Waste code: | U145 |
| Waste name: | LEAD PHOSPHATE |
| Waste code: | U154 |
| Waste name: | METHANOL (I) |
| Waste code: | U165 |
| Waste name: | NAPHTHALENE |
| Waste code: | U176 |
| Waste name: | N-NITROSO-N-ETHYLUREA |
| Waste code: | U177 |
| Waste name: | N-NITROSO-N-METHYLUREA |
| Waste code: | U183 |
| Waste name: | BENZENE, PENTACHLORO- |
| Waste code: | U220 |
| Waste name: | BENZENE, METHYL- |
| Waste code: | U239 |
| Waste name: | BENZENE, DIMETHYL- (I,T) |
| Waste code: | U240 |
| Waste name: | ACETIC ACID, (2,4-DICHLOROPHENOXY)-, SALTS & ESTERS |
| Waste code: | U244 |
| Waste name: | THIOPEROXYDICARBONIC DIAMIDE [(H2N)C(S)]2S2, TETRAMETHYL- |
| Waste code: | U249 |
| Waste name: | ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS OF 10% OR LESS |
| Waste code: | U359 |
| Waste name: | ETHANOL, 2-ETHOXY- |

Biennial Reports:

Last Biennial Reporting Year: 2007

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 PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT |

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HPI PRODUCTS INC (Continued)

1010322891

Amount (Lbs): WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
20658

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Amount (Lbs): 5912

Waste code: D004
Waste name: ARSENIC
Amount (Lbs): 122869

Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 2262

Waste code: D013
Waste name: LINDANE
Amount (Lbs): 6011

Waste code: D014
Waste name: METHOXYCHLOR
Amount (Lbs): 26805

Waste code: D016
Waste name: 2,4-D
Amount (Lbs): 164456

Waste code: D018
Waste name: BENZENE
Amount (Lbs): 1578

Waste code: D019
Waste name: CARBON TETRACHLORIDE
Amount (Lbs): 2262

Waste code: D037
Waste name: PENTRACHLOROPHENOL
Amount (Lbs): 400

Waste code: U240
Waste name: ACETIC ACID, (2,4-DICHLOROPHENOXY)-, SALTS & ESTERS
Amount (Lbs): 16953

Waste code: U279
Waste name: CARBARYL (OR) 1-NAPHTHALENOL, METHYLCARBAMATE
Amount (Lbs): 7161

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HPI PRODUCTS INC (Continued)

1010322891

Date violation determined: 03/13/2007
Date achieved compliance: Not reported
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/03/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
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: 03/13/2007
Date achieved compliance: Not reported
Violation lead agency: EPA
Enforcement action: FINAL IMMEDIATE HAZARD ORDER
Enforcement action date: 03/30/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 03/21/2007
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Generators - General
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 03/20/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 03/13/2007
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Generators - General
Date achieved compliance: Not reported
Evaluation lead agency: EPA

36
North
1/8-1/4
0.190 mi.
1004 ft.

ST JOSEPH CITY OF
224 N 4TH ST
ST JOSEPH, MO 64501

RCRA-NonGen 1007107624
MOP000013581

Relative:
Higher

RCRA-NonGen:
Date form received by agency: 07/28/1997
Facility name: ST JOSEPH CITY OF
Facility address: 224 N 4TH ST
ST JOSEPH, MO 64501
EPA ID: MOP000013581
Mailing address: FREDERICK

Actual:
874 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ST JOSEPH CITY OF (Continued)

1007107624

RM 201
ST JOSEPH, MO 64501
Contact: BRAD LAU
Contact address: 1100 FREDERICK RM 201
ST JOSEPH, MO 64501
Contact country: US
Contact telephone: (816) 271-4787
Contact email: Not reported
EPA Region: 07
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: CITY OF ST JOSEPH
Owner/operator address: 1100 FREDERICK
ST JOSEPH, MO 64501
Owner/operator country: Not reported
Owner/operator telephone: (816) 271-4787
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
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: Unknown
Furnace exemption: Unknown
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
Off-site waste receiver: Commercial status unknown

Hazardous Waste Summary:

Waste code: P098
Waste name: POTASSIUM CYANIDE

Violation Status: No violations found

37
South
1/8-1/4
0.195 mi.
1029 ft.

**ST JOSEPH TRANSIT CITY OF
702 S 5TH ST
ST JOSEPH, MO 64501**

**RCRA-NonGen 1001488521
FINDS MOR000033167**

**Relative:
Lower**

RCRA-NonGen:
Date form received by agency: 06/19/2000
Facility name: ST JOSEPH TRANSIT CITY OF
Facility address: 702 S 5TH ST

**Actual:
821 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ST JOSEPH TRANSIT CITY OF (Continued)

1001488521

EPA ID: ST JOSEPH, MO 64501
MOR000033167
Mailing address: S 5TH ST
ST JOSEPH, MO 64501
Contact: CHARLIE MOSSER
Contact address: 702 S 5TH ST
ST JOSEPH, MO 64501
Contact country: US
Contact telephone: (816) 271-5384
Contact email: Not reported
EPA Region: 07
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: CITY OF ST JOSEPH
Owner/operator address: 11TH & FREDERICK
ST JOSEPH, MO 64501
Owner/operator country: Not reported
Owner/operator telephone: (816) 271-4653
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
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: Unknown
Furnace exemption: Unknown
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
Off-site waste receiver: Commercial status unknown

Hazardous Waste Summary:

Waste code: NONE
Waste name: None

Violation Status: No violations found

FINDS:

Registry ID: 110003991734

Environmental Interest/Information System

The MO-DNR (Missouri Department of Natural Resources) program involves a Resource Assessment and Monitoring Program, biological criteria

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ST JOSEPH TRANSIT CITY OF (Continued)

1001488521

development, monitoring of targeted sites to determine compliance with the designated use of aquatic life protection in the standards, monitoring for 303(3) purposes, and the development of a stream classification framework.

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.

38
SSE
 1/8-1/4
 0.201 mi.
 1061 ft.

NEW BONUS AUTO THE
613 LOCUST ST
ST JOSEPH, MO 64501

RCRA-NonGen **1001118335**
FINDS **MOR000008524**

Relative:
Lower

RCRA-NonGen:

Actual:
827 ft.

Date form received by agency: 01/23/1998
 Facility name: NEW BONUS AUTO THE
 Facility address: 613 LOCUST ST
 ST JOSEPH, MO 64501
 EPA ID: MOR000008524
 Mailing address: LOCUST ST
 ST JOSEPH, MO 64501
 Contact: TIMOTHY PEERMAN
 Contact address: 613 LOCUST ST
 ST JOSEPH, MO 64501
 Contact country: US
 Contact telephone: (816) 233-0816
 Contact email: Not reported
 EPA Region: 07
 Classification: Non-Generator
 Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: GERALD RAY
 Owner/operator address: 613 LOCUST ST
 ST JOSEPH, MO 64501
 Owner/operator country: Not reported
 Owner/operator telephone: (816) 233-0816
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 01/01/0001
 Owner/Op end date: Not reported

Owner/operator name: GERALD RAY
 Owner/operator address: 613 LOCUST ST
 ST JOSEPH, MO 64501
 Owner/operator country: Not reported
 Owner/operator telephone: (816) 233-0816
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: Not reported
 Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NEW BONUS AUTO THE (Continued)

1001118335

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
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: Unknown
Furnace exemption: Unknown
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
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 08/05/1996
Facility name: NEW BONUS AUTO THE
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 PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D003
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

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.

Violation Status: No violations found

FINDS:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NEW BONUS AUTO THE (Continued)

1001118335

Registry ID: 110003982557

Environmental Interest/Information System

The MO-DNR (Missouri Department of Natural Resources) program involves a Resource Assessment and Monitoring Program, biological criteria development, monitoring of targeted sites to determine compliance with the designated use of aquatic life protection in the standards, monitoring for 303(3) purposes, and the development of a stream classification framework.

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.

39
WNW
1/8-1/4
0.205 mi.
1080 ft.

AQUILA BUILDING SERVICE BLDG
112 S 2ND ST
ST JOSEPH, MO 64501

RCRA-NonGen **1008404213**
WI MANIFEST **MOP000514158**

Relative:
Higher

RCRA-NonGen:

Date form received by agency: 08/10/2006
Facility name: AQUILA BUILDING SERVICE BLDG
Facility address: 112 S 2ND ST
ST JOSEPH, MO 64501
EPA ID: MOP000514158
Mailing address: E HWY 350 PO BOX 11739
KANSAS CITY, MO 64138
Contact: FRANK WEAVER
Contact address: 10700 E HWY 350 PO BOX 11739
KANSAS CITY, MO 64138
Contact country: US
Contact telephone: (816) 737-7953
Contact email: Not reported
EPA Region: 07
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: AQUILA INC
Owner/operator address: 20 W 9TH ST
KANSAS CITY, MO 64105
Owner/operator country: US
Owner/operator telephone: (816) 737-7953
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 08/22/2005
Owner/Op end date: Not reported
Owner/operator name: AQUILA INC
Owner/operator address: 20 W 9TH ST
KANSAS CITY, MO 64105
Owner/operator country: US

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AQUILA BUILDING SERVICE BLDG (Continued)

1008404213

Owner/operator telephone: (816) 737-7953
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 08/22/2005
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
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 08/22/2005
Facility name: AQUILA BUILDING SERVICE BLDG
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.

Waste code: D035
Waste name: METHYL ETHYL KETONE

Violation Status: No violations found

WI MANIFEST:

Year: 05
EPA ID: MOP000514158
FID: 0
ACT Code: 202
ACT Status: A
ACT Code 1: 202
ACT Name: HW Generator - Small
Contact First Name: Not reported
Contact Last Name: Not reported
Contact Title: Not reported
Contact Address: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AQUILA BUILDING SERVICE BLDG (Continued)

1008404213

Contact State: Not reported
Contact City: Not reported
Contact Zip: 0
Contact Telephone: 0
Contact Extention: Not reported
Contact Email Address: Not reported
WI MANIFEST SHIP: -
Manifest DOC ID: Not reported
Copy Type: Not reported
Gen EPA ID: Not reported
Gen Date: Not reported
TSD Date: Not reported
TSD EPA ID: Not reported
GEN Copy Revd Date: Not reported
TSG Copy Revd Date: Not reported
Manifest DOC ID: Not reported
Waste Page No: Not reported
Waste Line No: Not reported
Waste Code: Not reported
Waste Amount: Not reported
Unit of Measure: Not reported
Waste LBS: Not reported

WI MANIFEST TRANS: -
Mifest DOC ID: Not reported
TRAN EPA ID: Not reported
TRAN ORDER NO: Not reported
TRAN Date: Not reported

Manifest DOC ID: Not reported
Waste Page No: Not reported
Waste Line No: Not reported
Waste Code: Not reported
Waste Amount: Not reported
Unit of Measure: Not reported
Waste LBS: Not reported

40
ENE
1/8-1/4
0.206 mi.
1090 ft.

NEWS PRESS & GAZETTE CO
825 EDMOND ST
SAINT JOSEPH, MO 64501

RCRA-NonGen 1000376396
FINDS MOD007134190

Relative:
Higher

RCRA-NonGen:
Date form received by agency: 02/05/2007
Facility name: NEWS PRESS & GAZETTE CO
Facility address: 825 EDMOND ST
ST JOSEPH, MO 64501
EPA ID: MOD007134190
Mailing address: PO BOX 29
ST JOSEPH, MO 64502
Contact: MICKEY KNEALE
Contact address: PO BOX 29
ST JOSEPH, MO 64502
Contact country: US
Contact telephone: (816) 279-5671
Contact email: Not reported

Actual:
870 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NEWS PRESS & GAZETTE CO (Continued)

1000376396

EPA Region: 07
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NEWS-PRESS & GAZETTE CO
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: Not reported
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
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 02/03/1997
Facility name: NEWS PRESS & GAZETTE CO
Classification: Small Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: SR - A6
Area of violation: Generators - General
Date violation determined: 10/06/2005
Date achieved compliance: 10/06/2005
Violation lead agency: State
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

Regulation violated: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NEWS PRESS & GAZETTE CO (Continued)

1000376396

Area of violation: Generators - General
Date violation determined: 07/14/1986
Date achieved compliance: 12/30/1986
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/01/1986
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: 07/14/1986
Date achieved compliance: 11/13/1986
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/13/1986
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: 10/06/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/06/2005
Evaluation lead agency: State

Evaluation date: 01/15/1987
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/14/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 12/30/1986
Evaluation lead agency: State

Evaluation date: 07/14/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 11/13/1986
Evaluation lead agency: State

FINDS:

Registry ID: 110003941496

Environmental Interest/Information System

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NEWS PRESS & GAZETTE CO (Continued)

1000376396

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).

The MO-DNR (Missouri Department of Natural Resources) program involves a Resource Assessment and Monitoring Program, biological criteria development, monitoring of targeted sites to determine compliance with the designated use of aquatic life protection in the standards, monitoring for 303(3) purposes, and the development of a stream classification framework.

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.

41
East
1/8-1/4
0.217 mi.
1145 ft.

HPI SOUTH EIGHTH STREET
424 SOUTH 8TH STREET
ST JOSEPH, MO 64501

CERCLIS 1010417200
MON000705793

Relative:
Higher

CERCLIS:
Site ID: 0705793
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: Removal Only Site (No Site Assessment Work Needed)

Actual:
871 ft.

CERCLIS Site Contact Name(s):
Contact Name: Not reported
Contact Tel: Not reported
Contact Title: 72717

Site Description: Not reported

CERCLIS Assessment History:
Action: REMOVAL ASSESSMENT
Date Started: 3/11/2007 0:00:00
Date Completed: 3/27/2007 0:00:00
Priority Level: Not reported

Action: UNILATERAL ADMIN ORDER
Date Started: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HPI SOUTH EIGHTH STREET (Continued)

1010417200

Date Completed: 3/30/2007 0:00:00
 Priority Level: Not reported

Action: Notice of Intent by All Parties
 Date Started: Not reported
 Date Completed: 4/6/2007 0:00:00
 Priority Level: Not reported

Action: PRP REMOVAL
 Date Started: 3/26/2007 0:00:00
 Date Completed: Not reported
 Priority Level: Stabilized

J42
North
1/8-1/4
0.223 mi.
1175 ft.

RONALD WOOD DBA LAKE DRIVE INC
RFD 6
ST JOSEPH, MO 64504

MO LUST U001161196
MO UST N/A

Site 1 of 2 in cluster J

Relative:
Higher

Actual:
887 ft.

LUST:

Facility ID: ST0005499
 Region: KC - Kansas City Regional Office
 Spill Number: Not reported
 Release Date: Not reported
 Release Type: UNDERGROUND STORAGE TANK
 Source: 6
 Media Affected: SOIL, GROUND WATER
 Date Cleanup Started: 09/10/1999
 Date Cleanup Finished: 06/11/2002
 Expedite: No
 Active: No
Date Of NFA Letter From DNR: 06/24/2002
 Date Record Meets Archive Criteria: 09/05/2007
 Remediation ID: R006763
 Funding Agency: 1
 Rank: Not reported
 Emergency Response Date: Not reported
 Emergency Cleanup Start: Not reported
 Referred To DGLS for Investigation: Not reported
 Contractor Performing Clean Up: enviro-co.
 Remediation Techniques: Monitoring, Excavation, Tank Closure, Land Fill
 RBCA NFA: 0
 Project Manager: L
 Next Correspondence/Update With Fac: Not reported
 Date Added: 04/12/2000
 Date Record Edited: 06/27/2002
 Person Adding Or Editing Record: REPPER, S
 Facility Sent To State Archive: Yes
 Date Remediation Unit Closed The File: Not reported
 Site Affectd By Funding Level From PSTIF: No
 Lust 2a Flag: -1
 Lust 2a Flag Date: 09/30/2003
 Lust 2b Flag: -1
 Lust 2b Flag Date: 09/30/2008
 Lust 3a Flag: -1
 Lust 3a Flag Date: 09/30/2003
 Lust 3b Flag: -1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RONALD WOOD DBA LAKE DRIVE INC (Continued)

U001161196

Lust 3b Flag Date: 09/30/2008
Lust 4 Flag: 0
Lust 4 Flag Date: Not reported
Lat/Long (dms): Not reported
General Comments: soil and groundwater contamination discovered during phase II assessment. 4-21-00 vg app wp for exc of impacted soil. 6-1-00 PSTIF app \$ for OE of up to 500 yds soil. 6-30-00 vg app req for exc of an add 300 yds impacted soil. 8-2-00 vg rev CAR, 731 yds soil exc., cont remains in west wall along road, app rec for SA to determine extent of contamination remaining. 8-23-00 vg app wp for off-site SA. 9-27-00 pstif app \$ for inst of MW. 05/01/01: Approved work plan for quarterly monitoring as submitted. SB 9/11/01 kk rev gw mont report dated July 30, 2001. Gw cont below cleanup - look forward to next report. 10/02/02 kk rev gwmr dated December 10, 2001. Gw cont below cleanup levels. Look forward to next report. If cont levels stay below cleanup, closure can be granted. 2/19/02 kk rev gwmr dated 2/5/02 and a well abandonment work plan dated 2/6/02. Gw below cleanup, approved well abandonment plan. 6/11/2002:HM:Revd well aband doc of April 19, 2002. Issued NFA.

UST:

Facility ID: ST0005499
Region: KC
Lat/Long: 39.783472 / -94.735619
Lat/Long (dms): Not reported
Easting: 351377.032203
Northing: 4405165.84932
Method Data Was Obtained: GPS, Carrier Phase, Static Mode (SA Off)
Accuracy Of Geospatial Data: 8
Owner Of Geospatial Data: Hazardous Waste Program
Amount Of Deviation In Accuracy: 3.1
Deviation In Meters; Feet; Pdop; Score: PDOP
Geospatial Point Line Area Indicator: 001
Geospatial Horizontal Reference Datum: WGS84
Where Geospatial Data Collected On Site: TU
Geospatial Source Data Location: HWP
Geospatial Data Collected By: Interns
Geospatial Elevation Method: Not reported
Geospatial Elevation Reference Datum: Not reported
Date Gis Data Collected: 7/18/2002

Owner:

Owner ID: OW06955
Owner Name: DELUXE TRUCK STOP LLC
Owner Address: 4500 PACKERS AVE
Owner City,St,Zip: ST JOSEPH, MO 64504
Owner County Code: 21
Owner Phone: 2320000
Mail Was Not Deliverable: No
Is Owner Active?: Yes
Date Registration Received: 8/16/1995
Date Record Added: 6/30/1995
Date Record Edited: 7/12/1999
Name of Person Editing Record: NREQHW-VEITS

Tank ID: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RONALD WOOD DBA LAKE DRIVE INC (Continued)

U001161196

Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: No
Date Tank Installed: Not reported
Tank Material: Steel
Other Type Of Tank Material: Not reported
Tank Internal Protection: Not reported
Other Tank Internal Protection: Not reported
Tank Internal Protection Date: Not reported
Tank External Protection: Present
Other Type Tank Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 12/1/1988
Date Tank Permanently Closed/ Removed: Not reported
Tank Fees Waived: No
Expedite Closure On Tank?: No
Responsible Person Expediting Closure: Not reported
Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported
Date Administratively Closed: Not reported
Registration Fee 586: 0
Date Record Added: 6/30/1995
Date Record Edited: Not reported
Person Adding/Editing Record: Not reported
Amt Assessed By Current Cycle: 0
Amount Curently Due: 0
Date Of NFA Letter: Not reported
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: Not reported
Date Of Approval Letter: Not reported
Firm Closing Tank: Not reported
Date Closure Report Received: Not reported
Registration End Date: Not reported
LockOut Flag: No
Site Useage: Not reported
Risk Type: Not reported
Soil Type: Not reported
GW Flow: Not reported
Offsite Impact: Not reported
Free Product: Not reported
Drinking Water: Not reported
Closed Under: Not reported
No Drinking Wells: 0
No Buildings: 0
Vapor Barrier: 0
St Louis Mo: 0
Special Well Area: 0
No Excavation: 0
Comments: Not reported

Tank Compartment:
Tank Compartment PK: 13513
Tank PK: 13513
Compartment No: 1
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 1000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RONALD WOOD DBA LAKE DRIVE INC (Continued)

U001161196

Pipe Installation Dt: Not reported
Pipe System: Not reported
Pipe Material: 1
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Dt: Not reported
Pipe Double Wall: 0
Substance: Gasoline, Including Blends
Substance Other: Not reported
Hazardous Substance: Not reported
Case Number: Not reported
Mixture: 0
Date of Last Use: 12/1/1988
Spill Protection: 0
Tanks Use: 0

Tank ID: 2
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: No
Date Tank Installed: Not reported
Tank Material: Steel
Other Type Of Tank Material: Not reported
Tank Internal Protection: Not reported
Other Tank Internal Protection: Not reported
Tank Internal Protection Date: Not reported
Tank External Protection: Present
Other Type Tank Extn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 12/1/1988
Date Tank Permanently Closed/ Removed: Not reported
Tank Fees Waived: No
Expedite Closure On Tank?: No
Responsible Person Expediting Closure: Not reported
Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported
Date Administratively Closed: Not reported
Registration Fee 586: 0
Date Record Added: 6/30/1995
Date Record Edited: Not reported
Person Adding/Editing Record: Not reported
Amt Assessed By Current Cycle: 0
Amount Curently Due: 0
Date Of NFA Letter: Not reported
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: Not reported
Date Of Approval Letter: Not reported
Firm Closing Tank: Not reported
Date Closure Report Received: Not reported
Registration End Date: Not reported
LockOut Flag: No
Site Usage: Not reported
Risk Type: Not reported
Soil Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RONALD WOOD DBA LAKE DRIVE INC (Continued)

U001161196

GW Flow: Not reported
Offsite Impact: Not reported
Free Product: Not reported
Drinking Water: Not reported
Closed Under: Not reported
No Drinking Wells: 0
No Buildings: 0
Vapor Barrier: 0
St Louis Mo: 0
Special Well Area: 0
No Excavation: 0
Comments: Not reported

Tank Compartment:

Tank Compartment PK: 13514
Tank PK: 13514
Compartment No: 1
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 560
Pipe Installation Dt: Not reported
Pipe System: Not reported
Pipe Material: 1
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Dt: Not reported
Pipe Double Wall: 0
Substance: Gasoline, Including Blends
Substance Other: Not reported
Hazardous Substance: Not reported
Case Number: Not reported
Mixture: 0
Date of Last Use: 12/1/1988
Spill Protection: 0
Tanks Use: 0

Tank ID: 3
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: No
Date Tank Installed: Not reported
Tank Material: Steel
Other Type Of Tank Material: Not reported
Tank Internal Protection: Not reported
Other Tank Internal Protection: Not reported
Tank Internal Protection Date: Not reported
Tank External Protection: Present
Other Type Tank Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 12/1/1988
Date Tank Permanently Closed/ Removed: Not reported
Tank Fees Waived: No
Expedite Closure On Tank?: No
Responsible Person Expediting Closure: Not reported
Temporary Status Verified Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RONALD WOOD DBA LAKE DRIVE INC (Continued)

U001161196

| | |
|---------------------------------------|--------------|
| Admin Fee 585: | Not reported |
| Date Administratively Closed: | Not reported |
| Registration Fee 586: | 0 |
| Date Record Added: | 6/30/1995 |
| Date Record Edited: | Not reported |
| Person Adding/Editing Record: | Not reported |
| Amt Assessed By Current Cycle: | 0 |
| Amount Curenly Due: | 0 |
| Date Of NFA Letter: | Not reported |
| Is Tank Used For Emergency Generator: | No |
| Date Closure Notice Received: | Not reported |
| Date Of Approval Letter: | Not reported |
| Firm Closing Tank: | Not reported |
| Date Closure Report Received: | Not reported |
| Registration End Date: | Not reported |
| LockOut Flag: | No |
| Site Useage: | Not reported |
| Risk Type: | Not reported |
| Soil Type: | Not reported |
| GW Flow: | Not reported |
| Offsite Impact: | Not reported |
| Free Product: | Not reported |
| Drinking Water: | Not reported |
| Closed Under: | Not reported |
| No Drinking Wells: | 0 |
| No Buildings: | 0 |
| Vapor Barrier: | 0 |
| St Louis Mo: | 0 |
| Special Well Area: | 0 |
| No Excavation: | 0 |
| Comments: | Not reported |

Tank Compartment:

| | |
|-------------------------------|--------------|
| Tank Compartment PK: | 13515 |
| Tank PK: | 13515 |
| Compartment No: | 1 |
| Compartment Status: | Removed |
| Compartment Temp Verified Dt: | Not reported |
| Capacity: | 560 |
| Pipe Installation Dt: | Not reported |
| Pipe System: | Not reported |
| Pipe Material: | 1 |
| Pipe Material Other: | Not reported |
| Pipe Protection: | Not reported |
| Pipe Protection Dt: | Not reported |
| Pipe Double Wall: | 0 |
| Substance: | Kerosene |
| Substance Other: | Not reported |
| Hazardous Substance: | Not reported |
| Case Number: | Not reported |
| Mixture: | 0 |
| Date of Last Use: | 12/1/1988 |
| Spill Protection: | 0 |
| Tanks Use: | 0 |

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

43
South
1/8-1/4
0.227 mi.
1201 ft.

ADVANTAGE METALS RECYCLING LLC
750 S 4TH ST
ST JOSEPH, MO 64501

RCRA-NonGen **1011863002**
MOR000525881

Relative:
Lower

RCRA-NonGen:

Date form received by agency: 09/02/2008
Facility name: ADVANTAGE METALS RECYCLING LLC
Facility address: 750 S 4TH ST
ST JOSEPH, MO 645013623
EPA ID: MOR000525881
Mailing address: MANCHESTER TFWY
KANSAS CITY, MO 64129
Contact: SERENA DEHONEY
Contact address: MANCHESTER TFWY
KANSAS CITY, MO 64129
Contact country: US
Contact telephone: (816) 861-2700
Contact email: SLD@ADVANTAGERECYCLING.COM
EPA Region: 07
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: ADVANTAGE METALS RECYCLING LLC
Owner/operator address: MANCHESTER TFWY
KANSAS CITY, MO 64129
Owner/operator country: US
Owner/operator telephone: (816) 861-2700
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 09/02/2008
Owner/Op end date: Not reported

Owner/operator name: ADVANTAGE METALS RECYCLING LLC
Owner/operator address: MANCHESTER TFWY
KANSAS CITY, MO 64129
Owner/operator country: US
Owner/operator telephone: (816) 861-2700
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 09/02/2008
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
User oil refiner: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ADVANTAGE METALS RECYCLING LLC (Continued)

1011863002

Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Universal Waste Summary:

Waste type: Batteries
Accumulated waste on-site: Yes
Generated waste on-site: Not reported

Historical Generators:

Date form received by agency: 02/05/2007
Facility name: ADVANTAGE METALS RECYCLING LLC
Site name: MISSOURI IRON & METAL CO INC
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 02/05/2007
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

J44
North
1/8-1/4
0.233 mi.
1230 ft.

HILLYARD INDUSTRIES
302 N 4TH ST
ST JOSEPH, MO 64502
Site 2 of 2 in cluster J

MO UST **U000285453**
N/A

Relative:
Higher

UST:

Facility ID: ST0007412
Region: KC
Lat/Long: 39.769 / -94.85673
Lat/Long (dms): 39 46 18 / 94 51 43
Easting: 340972.204238
Northing: 4403767.62709
Method Data Was Obtained: GPS, Carrier Phase, Static Mode (SA Off)
Accuracy Of Geospatial Data: 8
Owner Of Geospatial Data: Hazardous Waste Program
Amount Of Deviation In Accuracy: 11
Deviation In Meters; Feet; Pdrop; Score: Feet
Geospatial Point Line Area Indicator: 001
Geospatial Horizontal Reference Datum: WGS84
Where Geospatial Data Collected On Site: TU
Geospatial Source Data Location: KCRO
Geospatial Data Collected By: PELTZ, P
Geospatial Elevation Method: Not reported
Geospatial Elevation Reference Datum: Not reported
Date Gis Data Collected: Not reported

Actual:
889 ft.

Owner:

Owner ID: OW03626
Owner Name: HILLYARD INDUSTRIES
Owner Address: 302 N 4TH STREET
Owner City,St,Zip: ST. JOSEPH, MO 64502

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HILLYARD INDUSTRIES (Continued)

U000285453

Owner County Code: 21
Owner Phone: 2331321
Mail Was Not Deliverable: No
Is Owner Active?: Yes
Date Registration Received: Not reported
Date Record Added: 6/30/1995
Date Record Edited: 12/9/1999
Name of Person Editing Record: NREQHW-MARKH

Tank ID: 1
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Curently in use
Meet 98 Update Requirements: Yes
Date Tank Installed: 1/1/1974
Tank Material: Fiberglass
Other Type Of Tank Material: Not reported
Tank Internal Protection: Yes
Other Tank Internal Protection: Not reported
Tank Internal Protection Date: Not reported
Tank External Protection: Not reported
Other Type Tank Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 4/30/1991
Date Tank Permanently Closed/ Removed: Not reported
Tank Fees Waived: No
Expedite Closure On Tank?: No
Responsible Person Expediting Closure: Not reported
Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported
Date Administratively Closed: Not reported
Registration Fee 586: 75
Date Record Added: 6/30/1995
Date Record Edited: 4/18/2005
Person Adding/Editing Record: PURVIS, K
Amt Assessed By Current Cycle: 75
Amount Curently Due: 0
Date Of NFA Letter: Not reported
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: 4/30/1991
Date Of Approval Letter: Not reported
Firm Closing Tank: CARTER EQUIPMENT
Date Closure Report Received: Not reported
Registration End Date: 9/30/2010
LockOut Flag: No
Site Usage: Not reported
Risk Type: Not reported
Soil Type: Not reported
GW Flow: Not reported
Offsite Impact: Not reported
Free Product: Not reported
Drinking Water: Not reported
Closed Under: Not reported
No Drinking Wells: 0
No Buildings: 0
Vapor Barrier: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HILLYARD INDUSTRIES (Continued)

U000285453

St Louis Mo: 0
Special Well Area: 0
No Excavation: 0
Comments: Not reported

Tank Compartment:
Tank Compartment PK: 18712
Tank PK: 18712
Compartment No: 1
Compartment Status: Curently in use
Compartment Temp Verified Dt: Not reported
Capacity: 12000
Pipe Installation Dt: 12/6/1999
Pipe System: 0
Pipe Material: 2
Pipe Material Other: Not reported
Pipe Protection: 4
Pipe Protection Dt: 12/6/1999
Pipe Double Wall: 0
Substance: Diesel
Substance Other: Not reported
Hazardous Substance: Not reported
Case Number: Not reported
Mixture: 0
Date of Last Use: 4/30/1991
Spill Protection: -1
Tanks Use: 0

45
East
1/8-1/4
0.248 mi.
1309 ft.

FEDERAL EXPRESS CORP
317 S 9TH ST
SAINT JOSEPH, MO 64501

RCRA-NonGen **1000453538**
FINDS **MOD985773746**

Relative:
Higher

RCRA-NonGen:
Date form received by agency: 10/12/1994
Facility name: FEDERAL EXPRESS CORP
Facility address: 317 S 9TH ST
ST JOSEPH, MO 64501
EPA ID: MOD985773746
Mailing address: S 9TH ST
ST JOSEPH, MO 64501
Contact: DAVE RUSH
Contact address: 317 S 9TH ST
ST JOSEPH, MO 64501
Contact country: US
Contact telephone: (816) 232-2328
Contact email: Not reported
EPA Region: 07
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Actual:
891 ft.

Owner/Operator Summary:
Owner/operator name: C S & E INC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FEDERAL EXPRESS CORP (Continued)

1000453538

Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
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: Unknown
Furnace exemption: Unknown
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
Off-site waste receiver: Commercial status unknown

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

FINDS:

Registry ID: 110003961918

Environmental Interest/Information System

The MO-DNR (Missouri Department of Natural Resources) program involves a Resource Assessment and Monitoring Program, biological criteria development, monitoring of targeted sites to determine compliance with the designated use of aquatic life protection in the standards, monitoring for 303(3) purposes, and the development of a stream classification framework.

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 FINDINGS

| | | | |
|-----------|------|-------------|---------------|
| Map ID | | | EDR ID Number |
| Direction | | | EPA ID Number |
| Distance | | | |
| Elevation | Site | Database(s) | |

| | | | |
|---|---|--------------------------------|--------------------------|
| K46 South 1/4-1/2 0.279 mi. 1471 ft. | ST. JOSEPH FMGP #3 802 S. 5TH ST. (SOUTH 6TH AND LAFAYETTE) ST. JOSEPH, MO 65401 Site 1 of 2 in cluster K | Manufactured Gas Plants | 1008407839 N/A |
|---|---|--------------------------------|--------------------------|

Relative:
Lower

| | | | |
|--|--|--------------------------------|--------------------------|
| Actual: 817 ft. K47 South 1/4-1/2 0.282 mi. 1488 ft. | ST. JOSEPH FMGP #4 BUCHANAN (County), MO 64501 Site 2 of 2 in cluster K | Manufactured Gas Plants | 1012008724 N/A |
|--|--|--------------------------------|--------------------------|

Relative:
Lower

| | | | |
|--|---|---------------------------------|--------------------------|
| Actual: 817 ft. 48 North 1/4-1/2 0.285 mi. 1505 ft. | LAW ENFORCEMENT CENTER 501 FARAON ST ST JOSEPH, MO 64501 | MO LUST MO UST | U003165448 N/A |
|--|---|---------------------------------|--------------------------|

Relative:
Higher

LUST:

| | |
|---|----------------------------------|
| Facility ID: | ST0018825 |
| Region: | KC - Kansas City Regional Office |
| Spill Number: | Not reported |
| Release Date: | Not reported |
| Release Type: | UNDERGROUND STORAGE TANK |
| Source: | 6 |
| Media Affected: | -, SOIL |
| Date Cleanup Started: | 04/28/2006 |
| Date Cleanup Finished: | Not reported |
| Expedite: | No |
| Active: | Yes |
| Date Of NFA Letter From DNR: | Not reported |
| Date Record Meets Archive Criteria: | Not reported |
| Remediation ID: | R008037 |
| Funding Agency: | 1 |
| Rank: | 29 |
| Emergency Response Date: | Not reported |
| Emergency Cleanup Start: | Not reported |
| Referred To DGLS for Investigation: | Not reported |
| Contractor Performing Clean Up: | Terracon |
| Remediation Techniques: | Not reported |
| RBCA NFA: | 0 |
| Project Manager: | W |
| Next Correspondence/Update With Fac: | 12/14/2006 |
| Date Added: | 09/14/2006 |
| Date Record Edited: | 04/16/2009 |
| Person Adding Or Editing Record: | HAYNES, J |
| Facility Sent To State Archive: | No |
| Date Remediation Unit Closed The File: | Not reported |
| Site Affectd By Funding Level From PSTIF: | No |
| Lust 2a Flag: | -1 |
| Lust 2a Flag Date: | 03/31/2007 |
| Lust 2b Flag: | -1 |
| Lust 2b Flag Date: | 09/30/2008 |

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAW ENFORCEMENT CENTER (Continued)

U003165448

Lust 3a Flag: 0
Lust 3a Flag Date: Not reported
Lust 3b Flag: 0
Lust 3b Flag Date: Not reported
Lust 4 Flag: 0
Lust 4 Flag Date: Not reported
Lat/Long (dms): 39 46 12 / 94 51 18
General Comments: 09/14/06 - Contamination remains at site after tank closure. Approved work plan for six borings with contingency for conversion to six wells and 5 more borings. A minimum of one GW sample will be collected due to the amount of release. This GW sample may not be from a permanent well. - LL 4/16/09 - JH - Review T1/2 RA. GW not encountered at depths > 100 ft bgs. Benzene conc > SSTLs. Report recommends RMP. Draft comment letter requesting 30x30 hypothetical bldg over former UST basin and recalculation of SSTLs with Soil Type 1 default values for future conditions or RC preventing future construction over the tank pit. Request revision and evaluation of GW use pathway in accordance with 6.3 w/in 90 days.

UST:

Facility ID: ST0018825
Region: KC
Lat/Long: 39.77 / -94.855
Lat/Long (dms): 39 46 12 / 94 51 18
Easting: 341122.68684
Northing: 4403875.55199
Method Data Was Obtained: GPS, Carrier Phase, Static Mode (SA Off
Accuracy Of Geospatial Data: 8
Owner Of Geospatial Data: Hazardous Waste Program
Amount Of Deviation In Accuracy: Not reported
Deviation In Meters; Feet; Pdrop; Score: Not reported
Geospatial Point Line Area Indicator: Not reported
Geospatial Horizontal Reference Datum: Not reported
Where Geospatial Data Collected On Site: Not reported
Geospatial Source Data Location: Not reported
Geospatial Data Collected By: Not reported
Geospatial Elevation Method: Not reported
Geospatial Elevation Reference Datum: Not reported
Date Gis Data Collected: Not reported

Owner:

Owner ID: OW08901
Owner Name: BUCHANAN COUNTY
Owner Address: 411 JULES ST
Owner City,St,Zip: ST JOSEPH, MO 64501
Owner County Code: 21
Owner Phone: 2711503
Mail Was Not Deliverable: No
Is Owner Active?: Yes
Date Registration Received: 8/5/1996
Date Record Added: 9/3/1996
Date Record Edited: 5/6/1998
Name of Person Editing Record: N\$HUTSF

Tank ID: 1
Tank Double Wall: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAW ENFORCEMENT CENTER (Continued)

U003165448

Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: No
Date Tank Installed: 6/1/1986
Tank Material: Fiberglass
Other Type Of Tank Material: Not reported
Tank Internal Protection: No
Other Tank Internal Protection: Not reported
Tank Internal Protection Date: Not reported
Tank External Protection: Not reported
Other Type Tank Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 1/30/2006
Date Tank Permanently Closed/ Removed: 3/10/2006
Tank Fees Waived: No
Expedite Closure On Tank?: No
Responsible Person Expediting Closure: Not reported
Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported
Date Administratively Closed: Not reported
Registration Fee 586: 0
Date Record Added: 9/3/1996
Date Record Edited: 6/20/2006
Person Adding/Editing Record: Washburn, Mike
Amt Assessed By Current Cycle: 0
Amount Curently Due: 0
Date Of NFA Letter: Not reported
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: 12/9/2005
Date Of Approval Letter: 12/13/2005
Firm Closing Tank: BUCHANAN COUNTY
Date Closure Report Received: 4/28/2006
Registration End Date: 9/30/2009
LockOut Flag: No
Site Useage: Not reported
Risk Type: Not reported
Soil Type: Not reported
GW Flow: Not reported
Offsite Impact: Not reported
Free Product: Not reported
Drinking Water: Not reported
Closed Under: Not reported
No Drinking Wells: 0
No Buildings: 0
Vapor Barrier: 0
St Louis Mo: 0
Special Well Area: 0
No Excavation: 0
Comments: Closure report reviewed. Issued deficiency letter requesting: signature of owner on closure report, documentation of proper tank disposal, documentation of proper disposal of sludge/rinsate. Concentrations of contaminants exceed DTLs, so requested site submits workplan for site characterization. MW 6/15/06 In a phone conversation with Wil King of Terracon, item 1 of department letter concerning signature of owner and item 2 concerning proper disposal of tank were addressed. Item 3 will be addressed to Remediation team and documentation requested in Item 4 for sludge/rinsate disposal

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAW ENFORCEMENT CENTER (Continued)

U003165448

will be sent to Closure team when it becomes available. MW 6/20/06

Tank Compartment:

Tank Compartment PK: 35552
Tank PK: 35554
Compartment No: 1
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 10000
Pipe Installation Dt: Not reported
Pipe System: Not reported
Pipe Material: Not reported
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Dt: Not reported
Pipe Double Wall: 0
Substance: Gasoline, Including Blends
Substance Other: Not reported
Hazardous Substance: Not reported
Case Number: Not reported
Mixture: 0
Date of Last Use: 1/30/2006
Spill Protection: -1
Tanks Use: 0

Tank ID: 2
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Curently in use
Meet 98 Update Requirements: Yes
Date Tank Installed: 6/1/1986
Tank Material: Fiberglass
Other Type Of Tank Material: Not reported
Tank Internal Protection: No
Other Tank Internal Protection: Not reported
Tank Internal Protection Date: Not reported
Tank External Protection: Not reported
Other Type Tank Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: Not reported
Date Tank Permanently Closed/ Removed: Not reported
Tank Fees Waived: No
Expedite Closure On Tank?: No
Responsible Person Expediting Closure: Not reported
Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported
Date Administratively Closed: Not reported
Registration Fee 586: 75
Date Record Added: 9/3/1996
Date Record Edited: 6/26/2009
Person Adding/Editing Record: CORBIN, M
Amt Assessed By Current Cycle: 75
Amount Curently Due: 0
Date Of NFA Letter: Not reported
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAW ENFORCEMENT CENTER (Continued)

U003165448

Date Of Approval Letter: Not reported
Firm Closing Tank: Not reported
Date Closure Report Received: Not reported
Registration End Date: 9/30/2014
LockOut Flag: No
Site Useage: Not reported
Risk Type: Not reported
Soil Type: Not reported
GW Flow: Not reported
Offsite Impact: Not reported
Free Product: Not reported
Drinking Water: Not reported
Closed Under: Not reported
No Drinking Wells: 0
No Buildings: 0
Vapor Barrier: 0
St Louis Mo: 0
Special Well Area: 0
No Excavation: 0
Comments: Not reported

Tank Compartment:

Tank Compartment PK: 35553
Tank PK: 35555
Compartment No: 1
Compartment Status: Curently in use
Compartment Temp Verified Dt: Not reported
Capacity: 4000
Pipe Installation Dt: Not reported
Pipe System: Not reported
Pipe Material: 3
Pipe Material Other: Not reported
Pipe Protection: 4
Pipe Protection Dt: Not reported
Pipe Double Wall: 0
Substance: Diesel
Substance Other: Not reported
Hazardous Substance: Not reported
Case Number: Not reported
Mixture: 0
Date of Last Use: Not reported
Spill Protection: -1
Tanks Use: 0

49
SSE
1/4-1/2
0.291 mi.
1538 ft.

IMPERIAL SUPER GAS INC
811 S 6TH ST
ST JOSEPH, MO 64501

MO LUST U003757214
MO UST N/A

Relative:
Lower

LUST:

Actual:
823 ft.

Facility ID: ST0019161
Region: KC - Kansas City Regional Office
Spill Number: Not reported
Release Date: 04/05/2000
Release Type: UNDERGROUND STORAGE TANK
Source: 2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IMPERIAL SUPER GAS INC (Continued)

U003757214

Media Affected: SOIL, GROUND WATER
Date Cleanup Started: 05/15/2000
Date Cleanup Finished: Not reported
Expedite: No
Active: Yes
Date Of NFA Letter From DNR: Not reported
Date Record Meets Archive Criteria: Not reported
Remediation ID: R006761
Funding Agency: 1
Rank: 65
Emergency Response Date: Not reported
Emergency Cleanup Start: Not reported
Referred To DGLS for Investigation: Not reported
Contractor Performing Clean Up: ENVIRO-CO
Remediation Techniques: Corrective Action, Excavation, Free Product Recovery, Monitoring, Land Fill, Tank Closure

RBCA NFA: 0
Project Manager: 7
Next Correspondence/Update With Fac: 09/13/2008
Date Added: 04/12/2000
Date Record Edited: 05/14/2009
Person Adding Or Editing Record: HAYNES, J
Facility Sent To State Archive: No
Date Remediation Unit Closed The File: Not reported
Site Affectd By Funding Level From PSTIF: No
Lust 2a Flag: -1
Lust 2a Flag Date: 09/30/2003
Lust 2b Flag: -1
Lust 2b Flag Date: 09/30/2008
Lust 3a Flag: 0
Lust 3a Flag Date: Not reported
Lust 3b Flag: 0
Lust 3b Flag Date: Not reported
Lust 4 Flag: 0
Lust 4 Flag Date: Not reported
Lat/Long (dms): Not reported
General Comments: soil contamination found during closure of tanks, awaiting cls rpt. 4-12-00 vg app wp for exc of up to 500 yds soil. 7-7-00 vg rev CLS rpt, soil cont remains in former tank pit, exc of impacted soil has been approved. Awaiting report on exc. 8-2-00 vg rev CAR, 427 yds soil removed, some wall samples > cu, app rec for SA to delineate extent of contamination remaining. 8-24-00 vg app wp for GWA. 9-27-00 pstif app \$ for GWA (but payment will be on hold until funds are available.) soil sample & gw samples collected at NW property line greatly exceeded cleanup -- now we will need to go off-site in all directions except south. 4/30/2001 TH rev'd SA - soil & GW cont. present on & off site. Req'd CAP. JS 12/8/2001 sent letter requesting status update. JS 5/3/2002 App'd wp for 1 yr interim GWM during development of a more aggressive CAP. JS 5/23/2002 Rec'd call from Matt Steinhauser w/Enviro-Co. Substantial amounts of FP observed in wells MW-2, MW-8 and MW-9. Told him to call the Spill Line and initiate FPR. Submitting a wp not necessary, but status reports should be submitted. JS 7/18/2002 Rec'd wp for FPR using passive recovery canisters. App'd plan & req FPR report. JS 10/31/02 Rev'd 1st & 2nd GWMR. FP in 4 MWs. Req'd next GWMR. JS 3/28/03 Rev'd 3rd gwmr & FPR rpt. Cont stable or increasing, large qtls of FP have been removed. Req'd next FPR rpt & submittal of CAP w/final gwmr. JS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IMPERIAL SUPER GAS INC (Continued)

U003757214

3/6/04 Rev'd 4th gwmr & CAP for exc & HVE. Cont still relatively stable. CAP reasonable, but will hold app'l to give RP option to choose RBCA. Sent ltr suggesting RBCA. JS 7/15/04 App'd wp for 3 SB, 1 MW & 1 geotech boring & to conduct RA (FPR will continue). Req'd RA. JS 04/14/06 Reduced freq. of sampling in MWs 4, 10, 14 & 15 to quarterly., MWs 8, 9 to bi-monthly and increased (or auto) in MW-2. - RS 5/24/06:HM;Revd T-1 & 2 report of 2/2/06. Recom sampling soil and GW for PAHs, FP rec and GW monit, collection of soil samples for vol water content. 06/20/06 - Approved work plan for 6 months of HVE (12 events) from up to 4 wells and 2 quarters of GW monitoring of 4 perimeter wells. - LL 7/24/07 RDS- additional comments on 02-02-06: EC Tier ra: smear zone ~ 10.72 bgs. This could be due to river water table fluctuations and/or to hydraulic gradient differentials drawing water vertically to the sands and gravel beneath. The Groundwater Gradient Map (Figure 5) shows an unusual groundwater gradient pattern, not one that would be expected to be in a typical alluvial aquifer. The soil and groundwater impact maps (Figures 7 & 8) indicate the plume is beneath 6th street and is approaching Norman Tire and Vic s Archery. Significant free product has been observed in MW-2, MW-8, WM-9, and MW-16. MW-2 is not stable at up to 6 of free product. The free product plume is not stable. The current owner of the property is willing to file an AUL with the Recorder of Deeds that restricts the use of groundwater. The waterline depicted on the site maps is within the free product plume. VWC and FOC data appear to be elevated. 12/6/06 EC Free Product Removal Report: MW-2 had 2.00 feet of free product, MW-8 had 0.55 feet of free product, and MW-9 had 0.40 feet of free product. A vacuum truck was mobilized to the site and extracted free product and water from MW-2, MW-8, and MW-9. As high a vacuum as possible was applied without collapsing the well screens, for a minimum of 1.5 hours per well. Generally, as the events continued, the thickness of the NAPLs in the wells decreased. This may have altered the structure and permeability of the site s silty-loamy soils in such a way as to retard free product recharge. The Missouri River had fallen over 7 feet from September to October 28, 2006 and may have had effects on free product recovery, COC immobilization within the smear zone, and upon plume stability determination. A groundwater sampling event was conducted on October 27, 2006, on MW-4, MW-10, MW-14, and MW-15. One-half inch of free product was found in MW-4. MW-10, MW-14, and MW-15 had not COCs above detection levels and EC concluded that off-site migration is not occurring. TPH-ORO was detected at 1.6 ppm in MW-10 and may indicate the plume is still migrating. 6/10/08 RDS- reviewed FPR report and response letter. Requested status of abandoned tank closure discovered during sc. EC wants to halt FPR on MW-4 (oil); requested statement of impracticability first. EC propped 6 more hi-vac extraction events- approved. TPH-ORO migrating offsite to W; requested contingency plan to reduce migration. SSTLs too high due to high gwt and capillary fringe (VWC elevated); requested consideration of low gwt evaluations (soil survey average VWC); EC modified VWC & FOC but still too high; approved with proviso that more accurate data should be used if residential conditions will exist at site. Waterlines are cast iron with lead joints (should be minimal risk even though sewer and waterlines lay at the average gwt depth). Need to make sure the AUL includes and exclusion for residential dwellings. EC did not use FP numbers to calculate RCs; requested RCs be recalculated including such numbers. 5/14/09 - JH - Review RtoC and FPR report. RtoC adequately addresses RA comments except for

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IMPERIAL SUPER GAS INC (Continued)

U003757214

revision of GW SSTLs using updated porosity, bulk density, and FOC used to revise soil SSTLs in RtoC. Request RMP with quarterly GWM, revised SSTLs, and evaluation of FP recharge w/GW elevation and FP thickness within 90 days.

UST:

Facility ID: ST0019161
Region: KC
Lat/Long: 39.7599775197319 / -94.8531039452922
Lat/Long (dms): Not reported
Easting: 341262.068477
Northing: 4402759.72993
Method Data Was Obtained: Street Centerline
Accuracy Of Geospatial Data: 8
Owner Of Geospatial Data: Hazardous Waste Program
Amount Of Deviation In Accuracy: 70
Deviation In Meters; Feet; Pdrop; Score: Score
Geospatial Point Line Area Indicator: 001
Geospatial Horizontal Reference Datum: NAD83
Where Geospatial Data Collected On Site: Not reported
Geospatial Source Data Location: HWP
Geospatial Data Collected By: ROBERTS, J
Geospatial Elevation Method: Not reported
Geospatial Elevation Reference Datum: Not reported
Date Gis Data Collected: Not reported

Owner:

Owner ID: OW09162
Owner Name: IMPERIAL SUPER GAS, INC
Owner Address: 811 S 6TH STREET
Owner City,St,Zip: ST JOSEPH, MO 64501
Owner County Code: 21
Owner Phone: 2321475
Mail Was Not Deliverable: No
Is Owner Active?: No
Date Registration Received: 10/1/1996
Date Record Added: 12/2/1996
Date Record Edited: Not reported
Name of Person Editing Record: N\$ATKIG

Tank ID: 14
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: No
Date Tank Installed: Not reported
Tank Material: Steel
Other Type Of Tank Material: Not reported
Tank Internal Protection: No
Other Tank Internal Protection: Not reported
Tank Internal Protection Date: Not reported
Tank External Protection: None
Other Type Tank Extn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 12/31/1997
Date Tank Permanently Closed/ Removed: 4/10/2000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IMPERIAL SUPER GAS INC (Continued)

U003757214

Tank Fees Waived: No
Expedite Closure On Tank?: No
Responsible Person Expediting Closure: Not reported
Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported
Date Administratively Closed: Not reported
Registration Fee 586: 75
Date Record Added: 9/13/2000
Date Record Edited: 9/20/2000
Person Adding/Editing Record: PURVIS, K
Amt Assessed By Current Cycle: 75
Amount Curently Due: 0
Date Of NFA Letter: Not reported
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: 4/6/2000
Date Of Approval Letter: 4/8/2000
Firm Closing Tank: Enviro-Co
Date Closure Report Received: 7/3/2000
Registration End Date: Not reported
LockOut Flag: No
Site Useage: Not reported
Risk Type: Not reported
Soil Type: Not reported
GW Flow: Not reported
Offsite Impact: Not reported
Free Product: Not reported
Drinking Water: Not reported
Closed Under: Not reported
No Drinking Wells: 0
No Buildings: 0
Vapor Barrier: 0
St Louis Mo: 0
Special Well Area: 0
No Excavation: 0
Comments: site has active LUST. JS

Tank Compartment:

Tank Compartment PK: 35742
Tank PK: 35744
Compartment No: 1
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 2000
Pipe Installation Dt: Not reported
Pipe System: Not reported
Pipe Material: 1
Pipe Material Other: Not reported
Pipe Protection: 16
Pipe Protection Dt: Not reported
Pipe Double Wall: 0
Substance: Gasoline, Including Blends
Substance Other: Not reported
Hazardous Substance: Not reported
Case Number: Not reported
Mixture: 0
Date of Last Use: 12/31/1997
Spill Protection: 0
Tanks Use: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IMPERIAL SUPER GAS INC (Continued)

U003757214

Tank ID: 15
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: No
Date Tank Installed: Not reported
Tank Material: Steel
Other Type Of Tank Material: Not reported
Tank Internal Protection: No
Other Tank Internal Protection: Not reported
Tank Internal Protection Date: Not reported
Tank External Protection: None
Other Type Tank Extn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 12/31/1997
Date Tank Permanently Closed/ Removed: 4/10/2000
Tank Fees Waived: No
Expedite Closure On Tank?: No
Responsible Person Expediting Closure: Not reported
Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported
Date Administratively Closed: Not reported
Registration Fee 586: 75
Date Record Added: 9/13/2000
Date Record Edited: 9/20/2000
Person Adding/Editing Record: PURVIS, K
Amt Assessed By Current Cycle: 75
Amount Curenly Due: 0
Date Of NFA Letter: Not reported
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: 4/6/2000
Date Of Approval Letter: 4/8/2000
Firm Closing Tank: Enviro-Co
Date Closure Report Received: 7/3/2000
Registration End Date: Not reported
LockOut Flag: No
Site Useage: Not reported
Risk Type: Not reported
Soil Type: Not reported
GW Flow: Not reported
Offsite Impact: Not reported
Free Product: Not reported
Drinking Water: Not reported
Closed Under: Not reported
No Drinking Wells: 0
No Buildings: 0
Vapor Barrier: 0
St Louis Mo: 0
Special Well Area: 0
No Excavation: 0
Comments: site has active LUST. JS

Tank Compartment:

Tank Compartment PK: 35743
Tank PK: 35745
Compartment No: 1
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

IMPERIAL SUPER GAS INC (Continued)

U003757214

Capacity: 2000
 Pipe Installation Dt: Not reported
 Pipe System: Not reported
 Pipe Material: 1
 Pipe Material Other: Not reported
 Pipe Protection: 16
 Pipe Protection Dt: Not reported
 Pipe Double Wall: 0
 Substance: Gasoline, Including Blends
 Substance Other: Not reported
 Hazardous Substance: Not reported
 Case Number: Not reported
 Mixture: 0
 Date of Last Use: 12/31/1997
 Spill Protection: 0
 Tanks Use: 0

50
ENE
1/4-1/2
0.322 mi.
1700 ft.

ROBIDOUX
EDMOND & 10TH ST
ST JOSEPH, MO 64501

MO LUST **U003981268**
MO UST **N/A**

Relative:
Higher

LUST:

Actual:
914 ft.

Facility ID: ST5830202
 Region: KC - Kansas City Regional Office
 Spill Number: Not reported
 Release Date: 04/25/1990
 Release Type: UNDERGROUND STORAGE TANK
 Source: Not reported
 Media Affected: Not reported
 Date Cleanup Started: 04/25/1990
 Date Cleanup Finished: 01/29/1991
 Expedite: No
 Active: No
Date Of NFA Letter From DNR: Not reported
 Date Record Meets Archive Criteria: Not reported
 Remediation ID: R002013
 Funding Agency: 1
 Rank: Not reported
 Emergency Response Date: Not reported
 Emergency Cleanup Start: Not reported
 Referred To DGLS for Investigation: Not reported
 Contractor Performing Clean Up: Not reported
 Remediation Techniques: Excavation
 RBCA NFA: 0
 Project Manager: L
 Next Correspondence/Update With Fac: Not reported
 Date Added: 06/30/1995
 Date Record Edited: 11/19/1997
 Person Adding Or Editing Record: N\$PEARJ
 Facility Sent To State Archive: Yes
 Date Remediation Unit Closed The File: Not reported
 Site Affectd By Funding Level From PSTIF: No
 Lust 2a Flag: -1
 Lust 2a Flag Date: 09/30/2003
 Lust 2b Flag: -1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBIDOUX (Continued)

U003981268

Lust 2b Flag Date: 09/30/2008
Lust 3a Flag: -1
Lust 3a Flag Date: 09/30/2003
Lust 3b Flag: -1
Lust 3b Flag Date: 09/30/2008
Lust 4 Flag: 0
Lust 4 Flag Date: Not reported
Lat/Long (dms): Not reported
General Comments: Not reported

UST:

Facility ID: ST5830202
Region: KC
Lat/Long: 39.76574392 / -94.84824002
Lat/Long (dms): Not reported
Easting: 341691.952124
Northing: 4403391.16813
Method Data Was Obtained: Street Centerline
Accuracy Of Geospatial Data: 8
Owner Of Geospatial Data: Hazardous Waste Program
Amount Of Deviation In Accuracy: 81
Deviation In Meters; Feet; Pdrop; Score: Score
Geospatial Point Line Area Indicator: 001
Geospatial Horizontal Reference Datum: NAD83
Where Geospatial Data Collected On Site: Not reported
Geospatial Source Data Location: HWP
Geospatial Data Collected By: ROBERTS, J
Geospatial Elevation Method: Not reported
Geospatial Elevation Reference Datum: Not reported
Date Gis Data Collected: 1/15/2004

Owner:

Owner ID: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Owner County Code: Not reported
Owner Phone: Not reported
Mail Was Not Deliverable: Not reported
Is Owner Active?: Not reported
Date Registration Received: Not reported
Date Record Added: Not reported
Date Record Edited: Not reported
Name of Person Editing Record: Not reported

Tank ID: Not reported
Tank Double Wall: Not reported
Tank Type: Not reported
Tank Status: Not reported
Meet 98 Update Requirements: Not reported
Date Tank Installed: Not reported
Tank Material: Not reported
Other Type Of Tank Material: Not reported
Tank Internal Protection: Not reported
Other Tank Internal Protection: Not reported
Tank Internal Protection Date: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ROBIDOUX (Continued)

U003981268

| | |
|--|--------------|
| Tank External Protection: | Not reported |
| Other Type Tank Extrn Protec: | Not reported |
| Tank External Protec Date: | Not reported |
| Date Tank Last Used: | Not reported |
| Date Tank Permanently Closed/ Removed: | Not reported |
| Tank Fees Waived: | Not reported |
| Expedite Closure On Tank?: | Not reported |
| Responsible Person Expediting Closure: | Not reported |
| Temporary Status Verified Date: | Not reported |
| Admin Fee 585: | Not reported |
| Date Administratively Closed: | Not reported |
| Registration Fee 586: | Not reported |
| Date Record Added: | Not reported |
| Date Record Edited: | Not reported |
| Person Adding/Editing Record: | Not reported |
| Amt Assessed By Current Cycle: | Not reported |
| Amount Curently Due: | Not reported |
| Date Of NFA Letter: | Not reported |
| Is Tank Used For Emergency Generator: | Not reported |
| Date Closure Notice Received: | Not reported |
| Date Of Approval Letter: | Not reported |
| Firm Closing Tank: | Not reported |
| Date Closure Report Received: | Not reported |
| Registration End Date: | Not reported |
| LockOut Flag: | Not reported |
| Site Useage: | Not reported |
| Risk Type: | Not reported |
| Soil Type: | Not reported |
| GW Flow: | Not reported |
| Offsite Impact: | Not reported |
| Free Product: | Not reported |
| Drinking Water: | Not reported |
| Closed Under: | Not reported |
| No Drinking Wells: | Not reported |
| No Buildings: | Not reported |
| Vapor Barrier: | Not reported |
| St Louis Mo: | Not reported |
| Special Well Area: | Not reported |
| No Excavation: | Not reported |
| Comments: | Not reported |

51
 NNE
 1/4-1/2
 0.336 mi.
 1773 ft.

HEARTLAND REGIONAL MEDICAL CENTER WEST
801 FARAON ST
ST JOSEPH, MO 64501

MO LUST U000284138
MO UST N/A

**Relative:
 Higher**

LUST:

**Actual:
 909 ft.**

| | |
|------------------------|----------------------------------|
| Facility ID: | ST0005446 |
| Region: | KC - Kansas City Regional Office |
| Spill Number: | Not reported |
| Release Date: | 11/29/1990 |
| Release Type: | UNDERGROUND STORAGE TANK |
| Source: | Not reported |
| Media Affected: | Not reported |
| Date Cleanup Started: | 11/29/1990 |
| Date Cleanup Finished: | 04/23/1991 |
| Expedite: | No |

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEARTLAND REGIONAL MEDICAL CENTER WEST (Continued)

U000284138

Active: No
Date Of NFA Letter From DNR: Not reported
Date Record Meets Archive Criteria: Not reported
Remediation ID: R002288
Funding Agency: 1
Rank: Not reported
Emergency Response Date: Not reported
Emergency Cleanup Start: Not reported
Referred To DGLS for Investigation: Not reported
Contractor Performing Clean Up: Not reported
Remediation Techniques: Excavation
RBCA NFA: 0
Project Manager: L
Next Correspondence/Update With Fac: Not reported
Date Added: 06/30/1995
Date Record Edited: Not reported
Person Adding Or Editing Record: Not reported
Facility Sent To State Archive: Yes
Date Remediation Unit Closed The File: Not reported
Site Affectd By Funding Level From PSTIF: No
Lust 2a Flag: -1
Lust 2a Flag Date: 09/30/2003
Lust 2b Flag: -1
Lust 2b Flag Date: 09/30/2008
Lust 3a Flag: -1
Lust 3a Flag Date: 09/30/2003
Lust 3b Flag: -1
Lust 3b Flag Date: 09/30/2008
Lust 4 Flag: 0
Lust 4 Flag Date: Not reported
Lat/Long (dms): Not reported
General Comments: Not reported

UST:

Facility ID: ST0005446
Region: KC
Lat/Long: 39.7857 / -94.8546
Lat/Long (dms): Not reported
Easting: 341193.051242
Northing: 4405617.48924
Method Data Was Obtained: GPS, Carrier Phase, Static Mode (SA Off)
Accuracy Of Geospatial Data: 8
Owner Of Geospatial Data: Hazardous Waste Program
Amount Of Deviation In Accuracy: 15
Deviation In Meters; Feet; Pdrop; Score: Feet
Geospatial Point Line Area Indicator: 001
Geospatial Horizontal Reference Datum: WGS84
Where Geospatial Data Collected On Site: TU
Geospatial Source Data Location: KCRO
Geospatial Data Collected By: Patrick K. Peltz
Geospatial Elevation Method: Not reported
Geospatial Elevation Reference Datum: Not reported
Date Gis Data Collected: Not reported

Owner:

Owner ID: OW04054
Owner Name: HEARTLAND REGIONAL MEDICAL CENTER WEST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEARTLAND REGIONAL MEDICAL CENTER WEST (Continued)

U000284138

Owner Address: 5325 FARAON STREET
Owner City,St,Zip: ST JOSEPH, MO 64506
Owner County Code: 21
Owner Phone: 2717791
Mail Was Not Deliverable: No
Is Owner Active?: No
Date Registration Received: Not reported
Date Record Added: 6/30/1995
Date Record Edited: 1/12/2007
Name of Person Editing Record: KIRCHNER, M

Tank ID: 1
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: No
Date Tank Installed: Not reported
Tank Material: Steel
Other Type Of Tank Material: Not reported
Tank Internal Protection: No
Other Tank Internal Protection: Not reported
Tank Internal Protection Date: Not reported
Tank External Protection: Unknown
Other Type Tank Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 5/3/1991
Date Tank Permanently Closed/ Removed: 5/3/1991
Tank Fees Waived: No
Expedite Closure On Tank?: No
Responsible Person Expediting Closure: Not reported
Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported
Date Administratively Closed: Not reported
Registration Fee 586: 0
Date Record Added: 6/30/1995
Date Record Edited: 10/22/1997
Person Adding/Editing Record: N\$SESSD1
Amt Assessed By Current Cycle: 0
Amount Curently Due: 0
Date Of NFA Letter: 5/3/1991
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: Not reported
Date Of Approval Letter: Not reported
Firm Closing Tank: Not reported
Date Closure Report Received: Not reported
Registration End Date: Not reported
LockOut Flag: No
Site Useage: Not reported
Risk Type: Not reported
Soil Type: Not reported
GW Flow: Not reported
Offsite Impact: Not reported
Free Product: Not reported
Drinking Water: Not reported
Closed Under: Not reported
No Drinking Wells: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEARTLAND REGIONAL MEDICAL CENTER WEST (Continued)

U000284138

No Buildings: 0
Vapor Barrier: 0
St Louis Mo: 0
Special Well Area: 0
No Excavation: 0
Comments: Not reported

Tank Compartment:

Tank Compartment PK: 13398
Tank PK: 13398
Compartment No: 1
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 3500
Pipe Installation Dt: Not reported
Pipe System: Not reported
Pipe Material: 1
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Dt: Not reported
Pipe Double Wall: 0
Substance: Diesel
Substance Other: Not reported
Hazardous Substance: Not reported
Case Number: Not reported
Mixture: 0
Date of Last Use: 5/3/1991
Spill Protection: 0
Tanks Use: 0

Tank ID: 2
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: No
Date Tank Installed: Not reported
Tank Material: Steel
Other Type Of Tank Material: Not reported
Tank Internal Protection: No
Other Tank Internal Protection: Not reported
Tank Internal Protection Date: Not reported
Tank External Protection: Unknown
Other Type Tank Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 5/3/1991
Date Tank Permanently Closed/ Removed: 5/3/1991
Tank Fees Waived: No
Expedite Closure On Tank?: No
Responsible Person Expediting Closure: Not reported
Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported
Date Administratively Closed: Not reported
Registration Fee 586: 0
Date Record Added: 6/30/1995
Date Record Edited: 10/22/1997
Person Adding/Editing Record: N\$SESSD1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEARTLAND REGIONAL MEDICAL CENTER WEST (Continued)

U000284138

Amt Assessed By Current Cycle: 0
Amount Curently Due: 0
Date Of NFA Letter: 5/3/1991
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: Not reported
Date Of Approval Letter: Not reported
Firm Closing Tank: Not reported
Date Closure Report Received: Not reported
Registration End Date: Not reported
LockOut Flag: No
Site Useage: Not reported
Risk Type: Not reported
Soil Type: Not reported
GW Flow: Not reported
Offsite Impact: Not reported
Free Product: Not reported
Drinking Water: Not reported
Closed Under: Not reported
No Drinking Wells: 0
No Buildings: 0
Vapor Barrier: 0
St Louis Mo: 0
Special Well Area: 0
No Excavation: 0
Comments: Not reported

Tank Compartment:

Tank Compartment PK: 13399
Tank PK: 13399
Compartment No: 1
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 5600
Pipe Installation Dt: Not reported
Pipe System: Not reported
Pipe Material: 1
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Dt: Not reported
Pipe Double Wall: 0
Substance: Diesel
Substance Other: Not reported
Hazardous Substance: Not reported
Case Number: Not reported
Mixture: 0
Date of Last Use: 5/3/1991
Spill Protection: 0
Tanks Use: 0

Tank ID: 3
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: Yes
Date Tank Installed: 10/30/1990
Tank Material: Fiberglass

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEARTLAND REGIONAL MEDICAL CENTER WEST (Continued)

U000284138

Other Type Of Tank Material: Not reported
Tank Internal Protection: Not reported
Other Tank Internal Protection: Not reported
Tank Internal Protection Date: Not reported
Tank External Protection: Not reported
Other Type Tank Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 1/1/2006
Date Tank Permanently Closed/ Removed: 7/7/2006
Tank Fees Waived: No
Expedite Closure On Tank?: No
Responsible Person Expediting Closure: CB
Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported
Date Administratively Closed: Not reported
Registration Fee 586: 210
Date Record Added: 6/30/1995
Date Record Edited: 6/17/2008
Person Adding/Editing Record: LIGHT, K
Amt Assessed By Current Cycle: 210
Amount Curently Due: 0
Date Of NFA Letter: 9/14/2007
Is Tank Used For Emergency Generator: Yes
Date Closure Notice Received: 3/23/2006
Date Of Approval Letter: 3/24/2006
Firm Closing Tank: Bellon Environmental Co.
Date Closure Report Received: 11/6/2006
Registration End Date: 9/30/2009
LockOut Flag: No
Site Useage: 1
Risk Type: 3
Soil Type: 7
GW Flow: 13
Offsite Impact: 17
Free Product: 0
Drinking Water: 42
Closed Under: Not reported
No Drinking Wells: 0
No Buildings: 0
Vapor Barrier: 0
St Louis Mo: 0
Special Well Area: 0
No Excavation: 0
Comments: Reviewed closure report & now requesting (1) 1) revised site sketch to include adjacent properties, depth of all excavations and sample, the degree and direction of slope of the site and is not to scale, (2) required photographs of the pad and (3) Analytical results for BTEX. 11/28/06 BB Reviewed closure & now issuing NFA. NFA is for Tier 1, Soil Type 1, residential land use. 9/11/07 BB

Tank Compartment:

Tank Compartment PK: 13400
Tank PK: 13400
Compartment No: 1
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 2000
Pipe Installation Dt: 10/30/1990

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEARTLAND REGIONAL MEDICAL CENTER WEST (Continued)

U000284138

Pipe System: 0
Pipe Material: 2
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Dt: Not reported
Pipe Double Wall: 0
Substance: Diesel
Substance Other: Not reported
Hazardous Substance: Not reported
Case Number: Not reported
Mixture: 0
Date of Last Use: 1/1/2006
Spill Protection: -1
Tanks Use: -1

Tank ID: 4
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: Yes
Date Tank Installed: 1/1/1976
Tank Material: Steel
Other Type Of Tank Material: Not reported
Tank Internal Protection: Yes
Other Tank Internal Protection: Not reported
Tank Internal Protection Date: 11/23/1990
Tank External Protection: Present
Other Type Tank Extrn Protec: Not reported
Tank External Protec Date: 6/15/1998
Date Tank Last Used: Not reported
Date Tank Permanently Closed/ Removed: 7/6/2006
Tank Fees Waived: No
Expedite Closure On Tank?: No
Responsible Person Expediting Closure: CB
Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported
Date Administratively Closed: Not reported
Registration Fee 586: 210
Date Record Added: 8/27/1998
Date Record Edited: 6/17/2008
Person Adding/Editing Record: LIGHT, K
Amt Assessed By Current Cycle: 210
Amount Curently Due: 0
Date Of NFA Letter: 9/14/2007
Is Tank Used For Emergency Generator: Yes
Date Closure Notice Received: Not reported
Date Of Approval Letter: Not reported
Firm Closing Tank: Midwest Asbestos Abatement
Date Closure Report Received: 11/27/2006
Registration End Date: 9/30/2009
LockOut Flag: No
Site Useage: 1
Risk Type: 3
Soil Type: 7
GW Flow: 13

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HEARTLAND REGIONAL MEDICAL CENTER WEST (Continued)

U000284138

Offsite Impact: 17
 Free Product: 0
 Drinking Water: 42
 Closed Under: Not reported
 No Drinking Wells: 0
 No Buildings: 0
 Vapor Barrier: 0
 St Louis Mo: 0
 Special Well Area: 0
 No Excavation: 0
 Comments: Emergency generator Reviewed closure report & now requesting; (1) site sketch w/ (adjacent properties, depth of all excavations & samples, degree & direction of slope of site, UG utilities, N arrow and scale for map), (2) color photos for site closure activities, (3) to explain why RRLs were exceeded for all BTEX samples, (4) to complete sign & return closure report form, (5) to provide 3-day notice before closure activities begin and (6) submit PAHs for referenced samples. 7/9/07 BB Reviewed closure & now issuing NFA. NFA is for Tier 1, Soil Type 1, residential land use. 9/11/07 BB

Tank Compartment:

Tank Compartment PK: 13401
 Tank PK: 13401
 Compartment No: 1
 Compartment Status: Removed
 Compartment Temp Verified Dt: Not reported
 Capacity: 15000
 Pipe Installation Dt: 1/1/1976
 Pipe System: 0
 Pipe Material: 1
 Pipe Material Other: Not reported
 Pipe Protection: 4
 Pipe Protection Dt: 6/15/1998
 Pipe Double Wall: 0
 Substance: Diesel
 Substance Other: Not reported
 Hazardous Substance: Not reported
 Case Number: Not reported
 Mixture: 0
 Date of Last Use: Not reported
 Spill Protection: -1
 Tanks Use: -1

L52
South
1/4-1/2
0.350 mi.
1849 ft.

ST JOSEPH LIGHT & POWER CO - OLIVE ST
S 5TH ST & OLIVE ST
ST JOSEPH, MO 64501
Site 1 of 2 in cluster L

CERC-NFRAP 1003876991
MOD981719636

Relative:
Lower

CERC-NFRAP:
 Site ID: 0702078
 Federal Facility: Not a Federal Facility
 NPL Status: Not on the NPL
 Non NPL Status: NFRAP

Actual:
814 ft.

CERCLIS-NFRAP Site Contact Name(s):
 Contact Title: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ST JOSEPH LIGHT & POWER CO - OLIVE ST (Continued)

1003876991

Contact Name: JAMIE BERNARD DRAKEY
 Contact Tel: (913) 551-7400

Contact Title: BUDGET COORDINATOR
 Contact Name: TERI HANKINS
 Contact Tel: (913) 551-7118

Contact Title: SITE MANAGER
 Contact Name: RON KING
 Contact Tel: (913) 551-7568

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY
 Date Started: Not reported
 Date Completed: 03/01/1986
 Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
 Date Started: 10/20/1987
 Date Completed: 11/09/1987
 Priority Level: Low priority for further assessment

Action: 6I
 Date Started: Not reported
 Date Completed: 03/09/1989
 Priority Level: Not reported

Action: SITE INSPECTION
 Date Started: 06/28/1988
 Date Completed: 03/09/1989
 Priority Level: NFRAP: No further Remedial Action planned

Action: ARCHIVE SITE
 Date Started: Not reported
 Date Completed: 03/09/1989
 Priority Level: Not reported

L53
 South
 1/4-1/2
 0.353 mi.
 1863 ft.

ST. JOSEPH FMGP #2
BUCHANAN (County), MO 64501
 Site 2 of 2 in cluster L

Manufactured Gas Plants

1012008723
 N/A

Relative:
 Lower

Actual:
 814 ft.
 54
 NE
 1/4-1/2
 0.395 mi.
 2086 ft.

SBC
320 NORTH 10TH STREET
SAINT JOSEPH, MO 64501

RCRA-NonGen
FINDS
MO LUST
MO UST

1000410585
MOD073055386

Relative:
 Higher

RCRA-NonGen:
 Date form received by agency: 09/13/1988
 Facility name: SOUTHWESTERN BELL TELEPHONE CO
 Facility address: 320 N 10TH

Actual:
 887 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SBC (Continued)

1000410585

ST JOSEPH, MO 64501
EPA ID: MOD073055386
Mailing address: OLIVE RM 1614
ST LOUIS, MO 63101
Contact: ANN BIELLER
Contact address: 915 OLIVE RM 1614
ST LOUIS, MO 63101
Contact country: US
Contact telephone: (314) 247-7332
Contact email: Not reported
EPA Region: 07
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
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: Unknown
Furnace exemption: Unknown
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
Off-site waste receiver: Commercial status unknown

Hazardous Waste Summary:

Waste code: D000
Waste name: Not Defined

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: U151
Waste name: MERCURY

Violation Status: No violations found

FINDS:

Registry ID: 110003948337

Environmental Interest/Information System

The MO-DNR (Missouri Department of Natural Resources) program involves a Resource Assessment and Monitoring Program, biological criteria

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SBC (Continued)

1000410585

development, monitoring of targeted sites to determine compliance with the designated use of aquatic life protection in the standards, monitoring for 303(3) purposes, and the development of a stream classification framework.

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.

LUST:

| | |
|---|--|
| Facility ID: | ST0002617 |
| Region: | KC - Kansas City Regional Office |
| Spill Number: | 940106-1016-NRB |
| Release Date: | 01/06/1994 |
| Release Type: | UNDERGROUND STORAGE TANK |
| Source: | Not reported |
| Media Affected: | Not reported |
| Date Cleanup Started: | 01/06/1994 |
| Date Cleanup Finished: | 04/03/1994 |
| Expedite: | No |
| Active: | No |
| Date Of NFA Letter From DNR: | Not reported |
| Date Record Meets Archive Criteria: | Not reported |
| Remediation ID: | R004502 |
| Funding Agency: | 1 |
| Rank: | Not reported |
| Emergency Response Date: | Not reported |
| Emergency Cleanup Start: | Not reported |
| Referred To DGLS for Investigation: | Not reported |
| Contractor Performing Clean Up: | Not reported |
| Remediation Techniques: | Excavation |
| RBCA NFA: | 0 |
| Project Manager: | L |
| Next Correspondence/Update With Fac: | Not reported |
| Date Added: | 06/30/1995 |
| Date Record Edited: | 02/23/1998 |
| Person Adding Or Editing Record: | N\$GARRV1 |
| Facility Sent To State Archive: | Yes |
| Date Remediation Unit Closed The File: | Not reported |
| Site Affectd By Funding Level From PSTIF: | No |
| Lust 2a Flag: | -1 |
| Lust 2a Flag Date: | 09/30/2003 |
| Lust 2b Flag: | -1 |
| Lust 2b Flag Date: | 09/30/2008 |
| Lust 3a Flag: | -1 |
| Lust 3a Flag Date: | 09/30/2003 |
| Lust 3b Flag: | -1 |
| Lust 3b Flag Date: | 09/30/2008 |
| Lust 4 Flag: | 0 |
| Lust 4 Flag Date: | Not reported |
| Lat/Long (dms): | Not reported |
| General Comments: | 09-27-94 - CLOSED, ALL INFORMATION PROVIDED. |

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SBC (Continued)

1000410585

UST:

Facility ID: ST0002617
Region: KC
Lat/Long: 39.7681931 / -94.848259449
Lat/Long (dms): Not reported
Easting: 341695.899309
Northing: 4403663.05255
Method Data Was Obtained: Street Centerline
Accuracy Of Geospatial Data: 8
Owner Of Geospatial Data: Hazardous Waste Program
Amount Of Deviation In Accuracy: 82
Deviation In Meters; Feet; Pdrop; Score: Score
Geospatial Point Line Area Indicator: 001
Geospatial Horizontal Reference Datum: NAD83
Where Geospatial Data Collected On Site: Not reported
Geospatial Source Data Location: HWP
Geospatial Data Collected By: ROBERTS, J
Geospatial Elevation Method: Not reported
Geospatial Elevation Reference Datum: Not reported
Date Gis Data Collected: 1/15/2004

Owner:

Owner ID: OW04700
Owner Name: SOUTHWESTERN BELL TELEPHONE DBA ATT SERS INC
Owner Address: 3 BELL PLZA/308 S AKARD/RM 1700
Owner City,St,Zip: DALLAS, TX 75202 5399
Owner County Code: 59
Owner Phone: 4926836
Mail Was Not Deliverable: No
Is Owner Active?: Yes
Date Registration Received: Not reported
Date Record Added: 6/30/1995
Date Record Edited: 6/8/2007
Name of Person Editing Record: KIRCHNER, M

Tank ID: 1
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: Yes
Date Tank Installed: 1/1/1974
Tank Material: Fiberglass
Other Type Of Tank Material: Not reported
Tank Internal Protection: No
Other Tank Internal Protection: Not reported
Tank Internal Protection Date: Not reported
Tank External Protection: Not reported
Other Type Tank Extn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 12/30/2000
Date Tank Permanently Closed/ Removed: 3/15/2001
Tank Fees Waived: No
Expedite Closure On Tank?: No
Responsible Person Expediting Closure: Not reported
Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SBC (Continued)

1000410585

| | |
|---------------------------------------|--|
| Date Administratively Closed: | Not reported |
| Registration Fee 586: | 75 |
| Date Record Added: | 6/30/1995 |
| Date Record Edited: | 11/14/2003 |
| Person Adding/Editing Record: | PURVIS, K |
| Amt Assessed By Current Cycle: | 75 |
| Amount Curenly Due: | 0 |
| Date Of NFA Letter: | Not reported |
| Is Tank Used For Emergency Generator: | Yes |
| Date Closure Notice Received: | 2/7/2001 |
| Date Of Approval Letter: | 2/13/2001 |
| Firm Closing Tank: | J-K Petroleum |
| Date Closure Report Received: | 5/23/2001 |
| Registration End Date: | Not reported |
| LockOut Flag: | No |
| Site Useage: | Not reported |
| Risk Type: | Not reported |
| Soil Type: | Not reported |
| GW Flow: | Not reported |
| Offsite Impact: | Not reported |
| Free Product: | Not reported |
| Drinking Water: | Not reported |
| Closed Under: | Not reported |
| No Drinking Wells: | 0 |
| No Buildings: | 0 |
| Vapor Barrier: | 0 |
| St Louis Mo: | 0 |
| Special Well Area: | 0 |
| No Excavation: | 0 |
| Comments: | 6/7/2001 3 items needing response within 60 days. Requested additional sample. JS 8/24/2001 1 item still needing response within 30 days. JS 9/28/2001 NFA letter issued. JS |

Tank Compartment:

| | |
|-------------------------------|--------------|
| Tank Compartment PK: | 6454 |
| Tank PK: | 6454 |
| Compartment No: | 1 |
| Compartment Status: | Removed |
| Compartment Temp Verified Dt: | Not reported |
| Capacity: | 4000 |
| Pipe Installation Dt: | 1/1/1994 |
| Pipe System: | 0 |
| Pipe Material: | 2 |
| Pipe Material Other: | Not reported |
| Pipe Protection: | Not reported |
| Pipe Protection Dt: | Not reported |
| Pipe Double Wall: | 0 |
| Substance: | Diesel |
| Substance Other: | Not reported |
| Hazardous Substance: | Not reported |
| Case Number: | Not reported |
| Mixture: | 0 |
| Date of Last Use: | 12/30/2000 |
| Spill Protection: | -1 |
| Tanks Use: | -1 |

MAP FINDINGS

| | | | |
|-----------|------|-------------|---------------|
| Map ID | | | EDR ID Number |
| Direction | | | EPA ID Number |
| Distance | | | |
| Elevation | Site | Database(s) | |

| | | | |
|--|---|--------------------------------|--------------------------|
| 55 South 1/4-1/2 0.407 mi. 2148 ft. | ST. JOSEPH FMGP #3 BUCHANAN (County), MO 64501 | Manufactured Gas Plants | 1012008720 N/A |
|--|---|--------------------------------|--------------------------|

Relative:
Lower

| | | | |
|--|--|-------------------|--|
| Actual: 813 ft. 56 South 1/4-1/2 0.433 mi. 2286 ft. | ST JOSEPH #3 FMGP S 6TH ST & LAFAYETTE ST ST JOSEPH, MO 64501 | CERC-NFRAP | 1003877138 MOD985795897 |
|--|--|-------------------|--|

| | |
|---------------------------|--|
| Relative: Lower | CERC-NFRAP: Site ID: 0702445 Federal Facility: Not a Federal Facility NPL Status: Not on the NPL Non NPL Status: NFRAP |
|---------------------------|--|

Actual:
818 ft.

CERCLIS-NFRAP Site Contact Name(s):

| | |
|----------------|--------------------|
| Contact Title: | SITE MANAGER |
| Contact Name: | PAULETTA FRANCE |
| Contact Tel: | (913) 551-7701 |
| | |
| Contact Title: | BUDGET COORDINATOR |
| Contact Name: | TERI HANKINS |
| Contact Tel: | (913) 551-7118 |
| | |
| Contact Title: | EPS |
| Contact Name: | PAMELA SAMEK |
| Contact Tel: | (913) 551-7679 |

CERCLIS-NFRAP Site Alias Name(s):

| | |
|----------------|----------------------------------|
| Alias Name: | ST JOSEPH GAS & MANUFACTURING CO |
| Alias Address: | Not reported MO |
| | |
| Alias Name: | ST JOSEPH LIGHT & FUEL CO |
| Alias Address: | Not reported MO |
| | |
| Alias Name: | ST JOSEPH GAS COMPANY |
| Alias Address: | Not reported MO |
| | |
| Alias Name: | BROWNS TRANSFER & STORAGE |
| Alias Address: | Not reported MO |
| | |
| Alias Name: | MUTUAL GAS LIGHT CO (FINDS) |
| Alias Address: | Not reported MO |

CERCLIS-NFRAP Assessment History:

| | |
|-----------------|--------------|
| Action: | DISCOVERY |
| Date Started: | Not reported |
| Date Completed: | 03/13/1991 |

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
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ST JOSEPH #3 FMGP (Continued)

1003877138

Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: 06/18/1991
Date Completed: 04/17/1992
Priority Level: NFRAP: No further Remedial Action planned

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 04/17/1992
Priority Level: Not reported

Action: 6I
Date Started: Not reported
Date Completed: 04/17/1992
Priority Level: Not reported

Action: 6I
Date Started: Not reported
Date Completed: 12/28/1998
Priority Level: Not reported

Action: SITE INSPECTION
Date Started: 01/11/1997
Date Completed: 12/28/1998
Priority Level: NFRAP: No further Remedial Action planned

57
NNW
1/4-1/2
0.434 mi.
2290 ft.

WIRE ROPE CORPORATION OF AMERICA INC
609 N 2ND ST
ST JOSEPH, MO 64501

RCRA-CESQG 1000198445
TRIS 64501WRRPC60
FINDS
MO LUST
MO UST

Relative:
Higher

Actual:
851 ft.

RCRA-CESQG:
Date form received by agency: 10/23/2000
Facility name: WIRE ROPE CORPORATION OF AMERICA INC
Facility address: 609 N 2ND ST
ST JOSEPH, MO 64501
EPA ID: MOD007137185
Mailing address: PO BOX 288
ST JOSEPH, MO 64502
Contact: PETER JOSENDALE
Contact address: PO BOX 288
ST JOSEPH, MO 64501
Contact country: US
Contact telephone: (816) 242-3125
Contact email: Not reported
EPA Region: 07
Land type: Private
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

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
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WIRE ROPE CORPORATION OF AMERICA INC (Continued)

1000198445

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: WIRE ROPE CORPORATION OF AMERICA INC
Owner/operator address: PO BOX 288
ST JOSEPH, MO 64502
Owner/operator country: Not reported
Owner/operator telephone: (816) 233-0287
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/0001
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
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: Unknown
Furnace exemption: Unknown
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
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 10/12/2000
Facility name: WIRE ROPE CORPORATION OF AMERICA INC
Site name: WRCA ST. JOSEPH
Classification: Large Quantity Generator

Date form received by agency: 02/04/1998
Facility name: WIRE ROPE CORPORATION OF AMERICA INC
Site name: WIRE ROPE INC OF AMERICA
Classification: Large Quantity Generator

Date form received by agency: 02/05/1996
Facility name: WIRE ROPE CORPORATION OF AMERICA INC
Site name: WIRE ROPE, INC. OF AMERICA
Classification: Large Quantity Generator

Date form received by agency: 03/01/1994
Facility name: WIRE ROPE CORPORATION OF AMERICA INC
Site name: WIRE ROPE CORPORATION OF AMERICA INCORPO
Classification: Large Quantity Generator

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WIRE ROPE CORPORATION OF AMERICA INC (Continued)

1000198445

Date form received by agency: 02/27/1990
Facility name: WIRE ROPE CORPORATION OF AMERICA INC
Site name: WIRE ROPE CORPORATION OF AMERICA, INC.
Classification: Large Quantity Generator

Date form received by agency: 08/18/1980
Facility name: WIRE ROPE CORPORATION OF AMERICA INC
Classification: Large Quantity Generator

Date form received by agency: 06/15/1906
Facility name: WIRE ROPE CORPORATION OF AMERICA INC
Site name: WIRE ROPE CORPORATION OF AMERICA, 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 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: SR - A2
Area of violation: Generators - General
Date violation determined: 03/02/2005
Date achieved compliance: 04/06/2005
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 03/08/2005
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: SR - D1
Area of violation: LDR - General
Date violation determined: 03/02/2005
Date achieved compliance: 04/06/2005
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 03/08/2005
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: SR - J04
Area of violation: Generators - General
Date violation determined: 10/05/2000

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WIRE ROPE CORPORATION OF AMERICA INC (Continued)

1000198445

Date achieved compliance: 10/20/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/05/2000
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: FS - A02
Area of violation: Generators - General
Date violation determined: 10/05/2000
Date achieved compliance: 10/20/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/05/2000
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: - F13
Area of violation: Generators - Records/Reporting
Date violation determined: 10/05/2000
Date achieved compliance: 10/20/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/05/2000
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: SR - A01
Area of violation: Generators - General
Date violation determined: 10/05/2000
Date achieved compliance: 10/20/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/05/2000
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 - Pre-transport
Date violation determined: 06/01/1994
Date achieved compliance: 06/30/1994

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WIRE ROPE CORPORATION OF AMERICA INC (Continued)

1000198445

Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/10/1994
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 - Pre-transport
Date violation determined: 06/01/1994
Date achieved compliance: 08/25/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/10/1994
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: 06/01/1994
Date achieved compliance: 06/30/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/10/1994
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: 12/11/1986
Date achieved compliance: 11/25/1987
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/19/1987
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: 12/11/1986
Date achieved compliance: 04/09/1987
Violation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WIRE ROPE CORPORATION OF AMERICA INC (Continued)

1000198445

Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/20/1987
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: 12/11/1986
Date achieved compliance: 04/09/1987
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/19/1987
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: 03/02/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 04/06/2005
Evaluation lead agency: State

Evaluation date: 03/02/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/06/2005
Evaluation lead agency: State

Evaluation date: 10/05/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/20/2000
Evaluation lead agency: State

Evaluation date: 10/05/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 10/20/2000
Evaluation lead agency: State

Evaluation date: 06/01/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 08/25/1994
Evaluation lead agency: State

Evaluation date: 06/01/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WIRE ROPE CORPORATION OF AMERICA INC (Continued)

1000198445

Date achieved compliance: 06/30/1994
Evaluation lead agency: State

Evaluation date: 06/01/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/30/1994
Evaluation lead agency: State

Evaluation date: 10/29/1987
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 12/11/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 11/25/1987
Evaluation lead agency: State

Evaluation date: 12/11/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/09/1987
Evaluation lead agency: State

FINDS:

Registry ID: 110000443529

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).

The MO-DNR (Missouri Department of Natural Resources) program involves a Resource Assessment and Monitoring Program, biological criteria development, monitoring of targeted sites to determine compliance with the designated use of aquatic life protection in the standards, monitoring for 303(3) purposes, and the development of a stream classification framework.

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

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WIRE ROPE CORPORATION OF AMERICA INC (Continued)

1000198445

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.

LUST:

Facility ID: ST0005402
Region: KC - Kansas City Regional Office
Spill Number: 980903-0805-dlt
Release Date: 06/10/1999
Release Type: UNDERGROUND STORAGE TANK
Source: Not reported
Media Affected: SOIL
Date Cleanup Started: 06/10/1999
Date Cleanup Finished: 03/30/2001
Expedite: No
Active: No
Date Of NFA Letter From DNR: 12/03/2001
Date Record Meets Archive Criteria: Not reported
Remediation ID: R006435
Funding Agency: 1
Rank: 17
Emergency Response Date: Not reported
Emergency Cleanup Start: Not reported
Referred To DGLS for Investigation: 3
Contractor Performing Clean Up: ENVIRONMENTAL TECHNOLOGY AND SERVICES
Remediation Techniques: Monitoring, Excavation
RBCA NFA: 0
Project Manager: L
Next Correspondence/Update With Fac: Not reported
Date Added: 06/10/1999
Date Record Edited: 12/03/2001
Person Adding Or Editing Record: REPPER, S
Facility Sent To State Archive: Yes
Date Remediation Unit Closed The File: Not reported
Site Affectd By Funding Level From PSTIF: No
Lust 2a Flag: -1
Lust 2a Flag Date: 09/30/2003
Lust 2b Flag: -1
Lust 2b Flag Date: 09/30/2008
Lust 3a Flag: -1
Lust 3a Flag Date: 09/30/2003
Lust 3b Flag: -1
Lust 3b Flag Date: 09/30/2008
Lust 4 Flag: 0
Lust 4 Flag Date: Not reported
Lat/Long (dms): 39 46 18 / 94 51 27
General Comments: A closure report review was completed on 6/10/99. ET 6/21/99 kk reviewed sc plan. Ok, but add BTEX and MTBE testing. 10/28/99 kk apr SC plan 8 soil borings of which 4 will become gw mont wells. 4/10/00 kk rev SC report. Cont in soil and gw adjacent to old tank pit. Contamination delineated. Asked for CAP (report indicates soil

Map ID
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MAP FINDINGS

Site

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WIRE ROPE CORPORATION OF AMERICA INC (Continued)

1000198445

excavation and pump and treat of water is preferred remedial technique. 7/18/00 kk rev CAP for soil and gw. Excavation of 50 cubic yards of soil, Will leave other wells in place to determine effectiveness. 11/6/00 kk rev Corrective action report (10/12/00). Cleanup levels achieved in excavation. Need work plan for gw monitoring event. 01/18/01 kk rev work plan for semi-annual monitoring (1/4/01). Approved plan for MW-2 and MW-3. 5/24/01 kk rev gw monitoring report dated 03/30/01. Gw results ND in MW2 and 3. Approved recommendation for well abandonment. 11/8/01 kk rev letter dated October 2, 2001. Letter indicates well abandonment done. Req documentation to be submitted before issuing NFA. 11/21/01 kk rev well abandonment doc dated 11/20/01. Well abandonment forms submitted to GSRAD. Issued NFA.

UST:

Facility ID: ST0005402
Region: KC
Lat/Long: 39.770562633 / -94.858240003
Lat/Long (dms): 39 46 18 / 94 51 27
Easting: 340846.464871
Northing: 4403943.75704
Method Data Was Obtained: Street Centerline
Accuracy Of Geospatial Data: 8
Owner Of Geospatial Data: Hazardous Waste Program
Amount Of Deviation In Accuracy: 100
Deviation In Meters; Feet; Pdop; Score: Score
Geospatial Point Line Area Indicator: 001
Geospatial Horizontal Reference Datum: NAD83
Where Geospatial Data Collected On Site: Not reported
Geospatial Source Data Location: HWP
Geospatial Data Collected By: ROBERTS, J
Geospatial Elevation Method: Not reported
Geospatial Elevation Reference Datum: Not reported
Date Gis Data Collected: 1/15/2004

Owner:

Owner ID: OW04025
Owner Name: WIRE ROPE CORPORATION OF AMERICA IN
Owner Address: 609 N 2ND STREET
Owner City,St,Zip: ST JOSEPH, MO 64501
Owner County Code: 21
Owner Phone: 2330287
Mail Was Not Deliverable: No
Is Owner Active?: No
Date Registration Received: Not reported
Date Record Added: 6/30/1995
Date Record Edited: Not reported
Name of Person Editing Record: Not reported

Tank ID: 1
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: No
Date Tank Installed: 1/1/1951
Tank Material: Steel

Map ID
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MAP FINDINGS

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Database(s)

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WIRE ROPE CORPORATION OF AMERICA INC (Continued)

1000198445

Other Type Of Tank Material: Not reported
Tank Internal Protection: Not reported
Other Tank Internal Protection: Not reported
Tank Internal Protection Date: Not reported
Tank External Protection: Present
Other Type Tank Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 7/1/1998
Date Tank Permanently Closed/ Removed: 7/27/1998
Tank Fees Waived: No
Expedite Closure On Tank?: No
Responsible Person Expediting Closure: Not reported
Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported
Date Administratively Closed: Not reported
Registration Fee 586: 0
Date Record Added: 6/30/1995
Date Record Edited: 12/30/1998
Person Adding/Editing Record: NREQHW-WILDB
Amt Assessed By Current Cycle: 0
Amount Curently Due: 0
Date Of NFA Letter: 7/27/1998
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: 7/20/1998
Date Of Approval Letter: 7/27/1998
Firm Closing Tank: ENVIRONMENTAL TECHNOLOGY
Date Closure Report Received: 5/3/1999
Registration End Date: Not reported
LockOut Flag: No
Site Useage: Not reported
Risk Type: Not reported
Soil Type: Not reported
GW Flow: Not reported
Offsite Impact: Not reported
Free Product: Not reported
Drinking Water: Not reported
Closed Under: Not reported
No Drinking Wells: 0
No Buildings: 0
Vapor Barrier: 0
St Louis Mo: 0
Special Well Area: 0
No Excavation: 0
Comments: Not reported

Tank Compartment:

Tank Compartment PK: 13278
Tank PK: 13278
Compartment No: 1
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 500
Pipe Installation Dt: Not reported
Pipe System: Not reported
Pipe Material: 1
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Dt: Not reported

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MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WIRE ROPE CORPORATION OF AMERICA INC (Continued)

1000198445

Pipe Double Wall: 0
 Substance: Gasoline, Including Blends
 Substance Other: Not reported
 Hazardous Substance: Not reported
 Case Number: Not reported
 Mixture: 0
 Date of Last Use: 7/1/1998
 Spill Protection: 0
 Tanks Use: 0

58
SE
1/4-1/2
0.442 mi.
2333 ft.

CRISWELL PETROLEUM PROD, CO
916 S 9TH
ST JOSEPH, MO 64503

MO LUST U001161159
MO UST N/A

Relative:
Lower

LUST:

Actual:
836 ft.

Facility ID: ST0005490
 Region: KC - Kansas City Regional Office
 Spill Number: 981020-1254-DLM
 Release Date: 04/15/1993
 Release Type: UNDERGROUND STORAGE TANK
 Source: Not reported
 Media Affected: UTILITIES
 Date Cleanup Started: 04/27/1993
 Date Cleanup Finished: Not reported
 Expedite: No
 Active: Yes
Date Of NFA Letter From DNR: Not reported
 Date Record Meets Archive Criteria: Not reported
 Remediation ID: R003924
 Funding Agency: 1
 Rank: 47
 Emergency Response Date: Not reported
 Emergency Cleanup Start: Not reported
 Referred To DGLS for Investigation: Not reported
 Contractor Performing Clean Up: Not reported
 Remediation Techniques: Excavation
 RBCA NFA: 0
 Project Manager: 7
 Next Correspondence/Update With Fac: 05/07/2008
 Date Added: 06/30/1995
 Date Record Edited: 05/07/2008
 Person Adding Or Editing Record: SHEELEY, RON
 Facility Sent To State Archive: No
 Date Remediation Unit Closed The File: Not reported
 Site Affectd By Funding Level From PSTIF: No
 Lust 2a Flag: -1
 Lust 2a Flag Date: 09/30/2003
 Lust 2b Flag: -1
 Lust 2b Flag Date: 09/30/2008
 Lust 3a Flag: 0
 Lust 3a Flag Date: Not reported
 Lust 3b Flag: 0
 Lust 3b Flag Date: Not reported
 Lust 4 Flag: 0
 Lust 4 Flag Date: Not reported

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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRISWELL PETROLEUM PROD, CO (Continued)

U001161159

Lat/Long (dms): Not reported
General Comments: 10-02-98 PSTIF approved workplan for removal of usts. awaiting closure report. 10-19-98 EER call on product discovered in tank pit during closure. 08-27-01 Issue NOV for failure to close and assess 10/31/01 MAS Responded to NOV response, requested CR and SC report with 60 days of receipt of letter. Sent certified mail. 4/5/02 MAS: Rev'd SCWP and did not approve it, but suggested MW's as all borings advanced for closure samples were hot for soil and water. 10/12/02 kk rev site assessment plan dated August 2, 2002. Approved work plan for borings and monitoring well off-site. Several things that previous PM requested when they rejected plan (April 19, 2002) were not included. Req new plan with additional information. Also reviewed a letter answering closure def. Letter addressed all closure def except for Table 4 matrix to be sealed. Req sealed Table 4 matrix. 8/28/03: TC sent letter asking for report or status update. 3/23/04 MAS: Rev'd response letter that indicated that we would receive a WP for SC by November of last year, still haven't rec'd anything. Called consultant and Marty Altman (author) is no longer with company. In letter I went through the site history and requested a plan for remediation, gave MRBCA option and let them know that hiring a qualified professional may be helpful with documentation submittal to DNR and PSTIF. Requested response within 60 days otherwise NOV (already given plenty of chances). 11-06-04 ET Rec'd ltr dated 7/1/04. WC work plan is being prepared. 01/03/08 RDS- Sent letter requesting status within 45 days. 01/14/08 RDS- received 1/7/08 department letter back with the postage mark "unable to forward. I will try another address: J. Criswell, 9723 PENNSYLVANIA AVE, KANSAS CITY, MO 64114, (816) 942-9078 01/22/08 RDS- Copy of letter above sent to Martly Altman, Environmental Technology and Services, was returned as "unable to forward." 02/20/08 RDS - Letter faxed to Steve Johnston (FAX 480-393-4071), (573-817-2090), 1906 Grant Lane, Columbia, MO 65203, is new consultant. Owner is apparently Mr. Kim Jennings, Orange Juice, LLC. 02/22/08 RDS- Reviewed work plan dated 8/30/07. WP not accepted; need to fill data gaps to N, E & W, on and off-site buildings and utility corridor. Need more detail on collection of geotech samples. FAXed draft reply letter to him for comment and adjustment. 3/3/08 RDS- did not hear from Johnston- sent letter to owner. 5/7/08 RDS- received a call from the Larry Jones, Chief Appraiser, Buchanan County Assessors Office ,iregarding the site status. He said the property was purchased by Kim Jennings in march-April of 2007 and is currently being used as a commercial dry storage facility. The new owner has tried to get his tax reduced claiming the site is a hazardous waste site and the property is devalued. I briefed him on the status of the site and that Steve Johnston is submitting a work plan for our review. He seemed to be satisfied.

UST:

Facility ID: ST0005490
Region: KC
Lat/Long: 39.758482 / -94.849247
Lat/Long (dms): Not reported
Easting: 341589.049984
Northing: 4402586.90299
Method Data Was Obtained: GPS, Carrier Phase, Static Mode (SA Off
Accuracy Of Geospatial Data: 8
Owner Of Geospatial Data: Hazardous Waste Program

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRISWELL PETROLEUM PROD, CO (Continued)

U001161159

Amount Of Deviation In Accuracy: 2.8
Deviation In Meters; Feet; Pdrop; Score: PDOP
Geospatial Point Line Area Indicator: 001
Geospatial Horizontal Reference Datum: WGS84
Where Geospatial Data Collected On Site: TU
Geospatial Source Data Location: HWP
Geospatial Data Collected By: Interns
Geospatial Elevation Method: Not reported
Geospatial Elevation Reference Datum: Not reported
Date Gis Data Collected: 7/17/2002

Owner:

Owner ID: OW00297
Owner Name: CRISWELL PETROLEUM PRODUCTS CO INC
Owner Address: 218 DELAWARE, SUITE #303
Owner City,St,Zip: KANSAS CITY, MO 64105
Owner County Code: 95
Owner Phone: 2217780
Mail Was Not Deliverable: No
Is Owner Active?: No
Date Registration Received: Not reported
Date Record Added: 6/30/1995
Date Record Edited: 2/1/1999
Name of Person Editing Record: NREQHW-VIETS

Tank ID: 1
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: No
Date Tank Installed: Not reported
Tank Material: Steel
Other Type Of Tank Material: Not reported
Tank Internal Protection: Not reported
Other Tank Internal Protection: Not reported
Tank Internal Protection Date: Not reported
Tank External Protection: Present
Other Type Tank Extn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 9/24/1993
Date Tank Permanently Closed/ Removed: Not reported
Tank Fees Waived: No
Expedite Closure On Tank?: No
Responsible Person Expediting Closure: Not reported
Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported
Date Administratively Closed: Not reported
Registration Fee 586: 0
Date Record Added: 6/30/1995
Date Record Edited: 12/6/2004
Person Adding/Editing Record: MASCHLER, H.
Amt Assessed By Current Cycle: 0
Amount Curenly Due: 0
Date Of NFA Letter: Not reported
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: 9/17/1998
Date Of Approval Letter: 9/24/1998

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRISWELL PETROLEUM PROD, CO (Continued)

U001161159

Firm Closing Tank: ENVIRONMENTAL TECHNOLOGY & SERVICES
Date Closure Report Received: 3/20/2002
Registration End Date: Not reported
LockOut Flag: No
Site Useage: Not reported
Risk Type: Not reported
Soil Type: Not reported
GW Flow: Not reported
Offsite Impact: Not reported
Free Product: Not reported
Drinking Water: Not reported
Closed Under: Not reported
No Drinking Wells: 0
No Buildings: 0
Vapor Barrier: 0
St Louis Mo: 0
Special Well Area: 0
No Excavation: 0
Comments: 4-4000 GAL GAS, 1-10,000 GAL GAS wrote draft letter responding to CR requesting action on 12 items, site characterization plan submitted being reviewed by Mark Scott. 4/01/02 - BAS 4/26/02-site currently in remediation--MP

Tank Compartment:

Tank Compartment PK: 13489
Tank PK: 13489
Compartment No: 1
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 4000
Pipe Installation Dt: Not reported
Pipe System: Not reported
Pipe Material: 1
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Dt: Not reported
Pipe Double Wall: 0
Substance: Empty
Substance Other: Not reported
Hazardous Substance: Not reported
Case Number: Not reported
Mixture: 0
Date of Last Use: 9/24/1993
Spill Protection: 0
Tanks Use: 0

Tank ID: 2
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: No
Date Tank Installed: Not reported
Tank Material: Steel
Other Type Of Tank Material: Not reported
Tank Internal Protection: Not reported
Other Tank Internal Protection: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRISWELL PETROLEUM PROD, CO (Continued)

U001161159

Tank Internal Protection Date: Not reported
Tank External Protection: Present
Other Type Tank Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 9/24/1993
Date Tank Permanently Closed/ Removed: Not reported
Tank Fees Waived: No
Expedite Closure On Tank?: No
Responsible Person Expediting Closure: Not reported
Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported
Date Administratively Closed: Not reported
Registration Fee 586: 0
Date Record Added: 6/30/1995
Date Record Edited: 12/6/2004
Person Adding/Editing Record: MASCHLER, H.
Amt Assessed By Current Cycle: 0
Amount Curently Due: 0
Date Of NFA Letter: Not reported
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: 9/17/1998
Date Of Approval Letter: 9/24/1998
Firm Closing Tank: ENVIRONMENTAL TECHNOLOGY & SERVICES
Date Closure Report Received: 3/20/2002
Registration End Date: Not reported
LockOut Flag: No
Site Useage: Not reported
Risk Type: Not reported
Soil Type: Not reported
GW Flow: Not reported
Offsite Impact: Not reported
Free Product: Not reported
Drinking Water: Not reported
Closed Under: Not reported
No Drinking Wells: 0
No Buildings: 0
Vapor Barrier: 0
St Louis Mo: 0
Special Well Area: 0
No Excavation: 0
Comments: 4-4000 GAL GAS, 1-10,000 GAL GAS wrote draft letter responding to CR requesting action on 12 items, site characterization plan submitted being reviewed by Mark Scott. 4/01/02 - BAS 4/26/02-site currently in remediation--MP

Tank Compartment:

Tank Compartment PK: 13490
Tank PK: 13490
Compartment No: 1
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 4000
Pipe Installation Dt: Not reported
Pipe System: Not reported
Pipe Material: 1
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Dt: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRISWELL PETROLEUM PROD, CO (Continued)

U001161159

Pipe Double Wall: 0
Substance: Empty
Substance Other: Not reported
Hazardous Substance: Not reported
Case Number: Not reported
Mixture: 0
Date of Last Use: 9/24/1993
Spill Protection: 0
Tanks Use: 0

Tank ID: 3
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: No
Date Tank Installed: Not reported
Tank Material: Steel
Other Type Of Tank Material: Not reported
Tank Internal Protection: Not reported
Other Tank Internal Protection: Not reported
Tank Internal Protection Date: Not reported
Tank External Protection: Present
Other Type Tank Extn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 9/24/1993
Date Tank Permanently Closed/ Removed: Not reported
Tank Fees Waived: No
Expedite Closure On Tank?: No
Responsible Person Expediting Closure: Not reported
Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported
Date Administratively Closed: Not reported
Registration Fee 586: 0
Date Record Added: 6/30/1995
Date Record Edited: 12/6/2004
Person Adding/Editing Record: MASCHLER, H.
Amt Assessed By Current Cycle: 0
Amount Curently Due: 0
Date Of NFA Letter: Not reported
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: 9/17/1998
Date Of Approval Letter: 9/24/1998
Firm Closing Tank: ENVIRONMENTAL TECHNOLOGY & SERVICES
Date Closure Report Received: 3/20/2002
Registration End Date: Not reported
LockOut Flag: No
Site Usage: Not reported
Risk Type: Not reported
Soil Type: Not reported
GW Flow: Not reported
Offsite Impact: Not reported
Free Product: Not reported
Drinking Water: Not reported
Closed Under: Not reported
No Drinking Wells: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRISWELL PETROLEUM PROD, CO (Continued)

U001161159

No Buildings: 0
Vapor Barrier: 0
St Louis Mo: 0
Special Well Area: 0
No Excavation: 0
Comments: 4-4000 GAL GAS, 1-10,000 GAL GAS wrote draft letter responding to CR requesting action on 12 items, site characterization plan submitted being reviewed by Mark Scott. 4/01/02 - BAS 4/26/02-site currently in remediation--MP

Tank Compartment:

Tank Compartment PK: 13491
Tank PK: 13491
Compartment No: 1
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 4000
Pipe Installation Dt: Not reported
Pipe System: Not reported
Pipe Material: 1
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Dt: Not reported
Pipe Double Wall: 0
Substance: Empty
Substance Other: Not reported
Hazardous Substance: Not reported
Case Number: Not reported
Mixture: 0
Date of Last Use: 9/24/1993
Spill Protection: 0
Tanks Use: 0

Tank ID: 4
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: No
Date Tank Installed: Not reported
Tank Material: Steel
Other Type Of Tank Material: Not reported
Tank Internal Protection: Not reported
Other Tank Internal Protection: Not reported
Tank Internal Protection Date: Not reported
Tank External Protection: Present
Other Type Tank Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 9/24/1993
Date Tank Permanently Closed/ Removed: Not reported
Tank Fees Waived: No
Expedite Closure On Tank?: No
Responsible Person Expediting Closure: Not reported
Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported
Date Administratively Closed: Not reported
Registration Fee 586: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRISWELL PETROLEUM PROD, CO (Continued)

U001161159

Date Record Added: 6/30/1995
Date Record Edited: 12/6/2004
Person Adding/Editing Record: MASCHLER, H.
Amt Assessed By Current Cycle: 0
Amount Curently Due: 0
Date Of NFA Letter: Not reported
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: 9/17/1998
Date Of Approval Letter: 9/24/1998
Firm Closing Tank: ENVIRONMENTAL TECHNOLOGY & SERVICES
Date Closure Report Received: 3/20/2002
Registration End Date: Not reported
LockOut Flag: No
Site Useage: Not reported
Risk Type: Not reported
Soil Type: Not reported
GW Flow: Not reported
Offsite Impact: Not reported
Free Product: Not reported
Drinking Water: Not reported
Closed Under: Not reported
No Drinking Wells: 0
No Buildings: 0
Vapor Barrier: 0
St Louis Mo: 0
Special Well Area: 0
No Excavation: 0
Comments: 4-4000 GAL GAS, 1-10,000 GAL GAS wrote draft letter responding to CR requesting action on 12 items, site characterization plan submitted being reviewed by Mark Scott. 4/01/02 - BAS 4/26/02-site currently in remediation--MP

Tank Compartment:

Tank Compartment PK: 13492
Tank PK: 13492
Compartment No: 1
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 4000
Pipe Installation Dt: Not reported
Pipe System: Not reported
Pipe Material: 1
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Dt: Not reported
Pipe Double Wall: 0
Substance: Empty
Substance Other: Not reported
Hazardous Substance: Not reported
Case Number: Not reported
Mixture: 0
Date of Last Use: 9/24/1993
Spill Protection: 0
Tanks Use: 0

Tank ID: 5

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRISWELL PETROLEUM PROD, CO (Continued)

U001161159

Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: No
Date Tank Installed: Not reported
Tank Material: Steel
Other Type Of Tank Material: Not reported
Tank Internal Protection: Not reported
Other Tank Internal Protection: Not reported
Tank Internal Protection Date: Not reported
Tank External Protection: Present
Other Type Tank Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 9/24/1993
Date Tank Permanently Closed/ Removed: Not reported
Tank Fees Waived: No
Expedite Closure On Tank?: No
Responsible Person Expediting Closure: Not reported
Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported
Date Administratively Closed: Not reported
Registration Fee 586: 0
Date Record Added: 6/30/1995
Date Record Edited: 12/6/2004
Person Adding/Editing Record: MASCHLER, H.
Amt Assessed By Current Cycle: 0
Amount Curently Due: 0
Date Of NFA Letter: Not reported
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: 9/17/1998
Date Of Approval Letter: 9/24/1998
Firm Closing Tank: ENVIRONMENTAL TECHNOLOGY & SERVICES
Date Closure Report Received: 3/20/2002
Registration End Date: Not reported
LockOut Flag: No
Site Useage: Not reported
Risk Type: Not reported
Soil Type: Not reported
GW Flow: Not reported
Offsite Impact: Not reported
Free Product: Not reported
Drinking Water: Not reported
Closed Under: Not reported
No Drinking Wells: 0
No Buildings: 0
Vapor Barrier: 0
St Louis Mo: 0
Special Well Area: 0
No Excavation: 0
Comments: 4-4000 GAL GAS, 1-10,000 GAL GAS wrote draft letter responding to CR requesting action on 12 items, site characterization plan submitted being reviewed by Mark Scott. 4/01/02 - BAS 4/26/02-site currently in remediation--MP

Tank Compartment:
Tank Compartment PK: 13493
Tank PK: 13493
Compartment No: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRISWELL PETROLEUM PROD, CO (Continued)

U001161159

Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 10000
Pipe Installation Dt: Not reported
Pipe System: Not reported
Pipe Material: 1
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Dt: Not reported
Pipe Double Wall: 0
Substance: Empty
Substance Other: Not reported
Hazardous Substance: Not reported
Case Number: Not reported
Mixture: 0
Date of Last Use: 9/24/1993
Spill Protection: 0
Tanks Use: 0

**59
SE
1/4-1/2
0.479 mi.
2528 ft.**

**MERCURY-PATEE MARKET SPILL
904 SOUTH 10TH STREET
ST. JOSEPH, MO 64503**

**CERCLIS 1010782251
MON000705850**

**Relative:
Higher**

CERCLIS:
Site ID: 0705850
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: Removal Only Site (No Site Assessment Work Needed)

**Actual:
844 ft.**

CERCLIS Site Contact Name(s):

Contact Name: Not reported
Contact Tel: Not reported
Contact Title: 72717

Site Description: Not reported

CERCLIS Assessment History:

Action: PRP EMERGENCY REMOVAL
Date Started: 2/12/2008 0:00:00
Date Completed: 2/14/2008 0:00:00
Priority Level: Cleaned up

Action: PRE-CERCLIS SCREENING
Date Started: 2/12/2008 0:00:00
Date Completed: 5/8/2008 0:00:00
Priority Level: Not reported

Action: REMOVAL ASSESSMENT
Date Started: 2/12/2008 0:00:00
Date Completed: 5/12/2008 0:00:00
Priority Level: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

60
South
1/2-1
0.509 mi.
2687 ft.

**FARMLAND INDUSTRIES OLD INSECTICIDE PLT
4TH ST & SENECA ST
ST JOSEPH, MO 64501**

**CERCLIS 1000300612
CONSENT MOD980502322**

**Relative:
Lower**

CERCLIS:
Site ID: 0701132
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: Referred to Removal - NFRAP

**Actual:
805 ft.**

CERCLIS Site Contact Name(s):

Contact Name: Not reported
Contact Tel: Not reported
Contact Title: 70001

Site Description: DEACTIVATED PESTICIDE FORMULATION PLANT WHERE OPERATIONS HAD RESULTED IN CONTAMINATION OF SOILS. DEACTIVATED PESTICIDE FORMULATION PLANT WHERE OPERATIONS HAD RESULTED IN CONTAMINATION OF SOILS.

CERCLIS Assessment History:

Action: DISCOVERY
Date Started: Not reported
Date Completed: 7/1/1980 0:00:00
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: 9/1/1980 0:00:00
Date Completed: 9/1/1980 0:00:00
Priority Level: Low priority for further assessment

Action: SITE INSPECTION
Date Started: 1/1/1981 0:00:00
Date Completed: 3/1/1981 0:00:00
Priority Level: Higher priority for further assessment

Action: PRELIMINARY ASSESSMENT
Date Started: 8/26/1985 0:00:00
Date Completed: 8/26/1985 0:00:00
Priority Level: Low priority for further assessment

Action: SITE INSPECTION
Date Started: 8/26/1985 0:00:00
Date Completed: 8/26/1985 0:00:00
Priority Level: Referred to Removal, no further Rmdl Asmt

Action: NON-NPL PRP SEARCH
Date Started: Not reported
Date Completed: 7/15/1986 0:00:00
Priority Level: Search Complete, Viable PRPs

Action: NEGOTIATION (GENERIC)
Date Started: 5/15/1986 0:00:00
Date Completed: 8/27/1987 0:00:00
Priority Level: Not reported

Action: ADMIN ORDER ON CONSENT
Date Started: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FARMLAND INDUSTRIES OLD INSECTICIDE PLT (Continued)

1000300612

Date Completed: 8/27/1987 0:00:00
Priority Level: Not reported

Action: REMOVAL ASSESSMENT
Date Started: 8/26/1987 0:00:00
Date Completed: 6/10/1988 0:00:00
Priority Level: Not reported

Action: NON-NPL PRP SEARCH
Date Started: 9/10/1988 0:00:00
Date Completed: 7/2/1989 0:00:00
Priority Level: Search Complete, Viable PRPs

Action: AERIAL SURVEY
Date Started: 3/14/1989 0:00:00
Date Completed: 7/14/1989 0:00:00
Priority Level: Not reported

Action: NEGOTIATION (GENERIC)
Date Started: 5/10/1988 0:00:00
Date Completed: 11/15/1989 0:00:00
Priority Level: Not reported

Action: ADMIN ORDER ON CONSENT
Date Started: Not reported
Date Completed: 11/15/1989 0:00:00
Priority Level: Not reported

Action: PRP REMOVAL
Date Started: 11/15/1989 0:00:00
Date Completed: 12/14/1990 0:00:00
Priority Level: Cleaned up

Action: PREPARATION OF COST DOCM PKGE
Date Started: 9/7/1993 0:00:00
Date Completed: 3/31/1994 0:00:00
Priority Level: Not reported

Action: Lodged By DOJ
Date Started: Not reported
Date Completed: 9/23/1994 0:00:00
Priority Level: Not reported

Action: LITIGATION (GENERIC)
Date Started: 7/27/1993 0:00:00
Date Completed: 12/8/1994 0:00:00
Priority Level: Not reported

Action: CONSENT DECREE
Date Started: Not reported
Date Completed: 12/8/1994 0:00:00
Priority Level: Not reported

Action: STATE SUPPORT AGENCY COOP AGREEMENT
Date Started: 6/30/1989 0:00:00
Date Completed: 3/31/1997 0:00:00
Priority Level: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FARMLAND INDUSTRIES OLD INSECTICIDE PLT (Continued)

1000300612

Action: OPERATIONS AND MAINTENANCE
Date Started: 12/14/1990 0:00:00
Date Completed: Not reported
Priority Level: Not reported

CONSENT:

EPA ID: MOD980502322
Site ID: Not reported
Case Title: U.S. V. FARMLAND INDUSTRIES, INC., BURLINGTON NORTHERN RAILROAD
COMPANY AND SHELL CHEMICAL CO.
Court Num: 94-6142-6
District: Missouri, West
Entered Date: 19941208
Full-text of the consent decree for this site issued by the United
States District Court is available from EDR. Contact your EDR Account
Executive.

ORPHAN SUMMARY

| City | EDR ID | Site Name | Site Address | Zip | Database(s) |
|--------------|------------|------------------------------------|--------------------------------|-------|---------------------|
| SAINT JOSEPH | 1000305550 | DEAN MACHINERY CO | HWY 59 & BELT S | 64503 | FINDS,RCRA-NLR |
| ST. JOSEPH | 1001814561 | KUNKEL MERCURY | 241 EAST SOUTH 12TH ST. | 64501 | CERCLIS-NFRAP |
| ST JOSEPH | 1004542017 | ST JOSEPH AGRI SERVICES INC | 4620 S 169 HWY | 64507 | SSTS |
| ST JOSEPH | 1004740660 | RUAN LEASING CO | 4720 S HWY 169 | 64507 | FINDS,RCRA-NLR |
| ST JOSEPH | 1004741481 | UNITED PARCEL SERVICE | 4902 S HWY 169 | 64507 | FINDS,RCRA-CESQG |
| ST JOSEPH | 1005788423 | ST JOSEPH | ROSECRANS AIRPORT | 64503 | FINDS |
| ST JOSEPH | 1007105713 | SAINT JOSEPH DIESEL INC | JCT I-29 & HWY 71 N | 64505 | RCRA-NLR |
| ST JOSEPH | 1007105744 | FAMILY GUIDANCE CENTER | 422 FELIX ST 200 CORBY BLDG | 64501 | RCRA-NLR |
| ST JOSEPH | 1007108361 | KING OIL STORE 2442 | 4510 S HWY 169 | 64503 | RCRA-NLR |
| ST JOSEPH | 1007109649 | DOYLE BRANT INC | 4703 S HWY 169 | 64507 | RCRA-NLR |
| ST JOSEPH | 1007110485 | ALTEC INDUSTRIES INC | 4908 E HWY 36 | 64507 | RCRA-NLR |
| ST JOSEPH | 1007143477 | SAINT JOSEPH DIESEL INC | JCT I-29 & HWY 71 N | 64505 | FINDS |
| ST JOSEPH | 1007203099 | PENSKE TRUCK LEASING CO LP | 4915 S HWY 169 | 64501 | RCRA-CESQG |
| WATHENA | 1007481688 | KANSAS COMPOSTING, INC. | HIGHWAY 36 EAST | 66090 | FINDS,LF |
| ST JOSEPH | 1008373946 | G & L MILLWORK INC | 3214 S HWY 169 | 64503 | RCRA-NLR |
| ST JOSEPH | 1008882633 | PETTYJOHNS AUTO SALVAGE | 20375 HWY K | 64505 | RCRA-NLR |
| ST JOSEPH | 1009523938 | ST JOSEPH LIGHT & POWER | 613 ATCHISON | 64502 | FTTS,HIST FTTS INSP |
| ST JOSEPH | 1010010081 | ST JOSEPH LIGHT & POWER CO | 613 ATCHINSON | 64051 | FTTS |
| ST JOSEPH | 1010010082 | ST JOSEPH PUBLIC SCHOOLS | 10TH & FELIX STS | 64501 | FTTS |
| ST. JOSEPH | 1010161428 | ST JOE PETROLEUM COMPANY | 2520 STOCKYARDS EXPRESSWAY | 64501 | FINDS |
| ST JOSEPH | 1010322867 | AGRI LABORATORIES LTD | 20927 HWY K | 64505 | RCRA-SQG |
| ST. JOSEPH | 1010451204 | ST. JOSEPH, CITY OF | GENE FIELD RD | 64507 | FINDS |
| ST JOSEPH | 1010786301 | BOB WOLLENMAN | 1002 N 4TH ST | 64501 | RCRA-NLR |
| ST JOSEPH | 1011489789 | BURLINGTON NORTHERN RAILROAD | 4TH & SENECA ST | 64501 | RCRA-NLR |
| SAINT JOSEPH | 1011570943 | ST JOSEPH OPEN DUMP | CHURCH RD N OF TOWN SAINT J | 64501 | ICIS |
| SAINT JOSEPH | 1011845323 | MERCURY-ST. JOSEPH CHRISTIAN SCHOO | 401 GENEFIELD | 64507 | CERCLIS |
| SAINT JOSEPH | 1011910780 | MERCURY-ST. JOSEPH CHRISTIAN SCHOO | 401 GENEFIELD | 64507 | FINDS |
| ST JOSEPH | A100343110 | WIEDMAIER TRUCK STOP | 4215 S 169 HWY | 64503 | AST |
| ST JOSEPH | A100343164 | FILL UP GUYS | 4510 S 169 HWY | 64507 | AST |
| WATHENA | S102688473 | JACKS "66" ONE STOP | E HWY 36 | | LUST |
| WATHENA | S102688484 | WATHENA CONOCO | E HWY 36 | 66090 | LUST |
| ST JOSEPH | S106876944 | EAST HILLS CLEANERS | 4506 S 169 HWY | 64507 | DRYCLEANERS |
| ST. JOSEPH | S107406946 | PIGEON HILL LANDFILL (NORRIS AND S | SOUTH OF HWY O, 10 MILES SOUTH | 64501 | HWS |
| ST JOSEPH | S109376864 | FORMER APCO STATION | 4102 SOUTH US HWY 169 | 64503 | LUST |
| ELWOOD | U000199241 | K & B SERVICE | HWY 238 | 66090 | UST |
| ST JOSEPH | U003981008 | TRIPLE F FEEDLOT | 6521 S 59 HWY | 64505 | LUST,UST |

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: 10/01/2009 | Source: EPA |
| Date Data Arrived at EDR: 10/14/2009 | Telephone: N/A |
| Date Made Active in Reports: 11/09/2009 | Last EDR Contact: 11/13/2009 |
| Number of Days to Update: 26 | Next Scheduled EDR Contact: 01/25/2010 |
| | Data Release Frequency: Quarterly |

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

| | |
|---|--|
| Date of Government Version: 10/01/2009 | Source: EPA |
| Date Data Arrived at EDR: 10/14/2009 | Telephone: N/A |
| Date Made Active in Reports: 11/09/2009 | Last EDR Contact: 11/13/2009 |
| Number of Days to Update: 26 | Next Scheduled EDR Contact: 01/25/2010 |
| | 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: 08/17/2009 |
| Number of Days to Update: 56 | Next Scheduled EDR Contact: 11/16/2009 |
| | 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: 10/01/2009 | Source: EPA |
| Date Data Arrived at EDR: 10/14/2009 | Telephone: N/A |
| Date Made Active in Reports: 11/09/2009 | Last EDR Contact: 11/13/2009 |
| Number of Days to Update: 26 | Next Scheduled EDR Contact: 01/25/2010 |
| | 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: 06/30/2009 | Source: EPA |
| Date Data Arrived at EDR: 08/11/2009 | Telephone: 703-412-9810 |
| Date Made Active in Reports: 09/21/2009 | Last EDR Contact: 11/23/2009 |
| Number of Days to Update: 41 | Next Scheduled EDR Contact: 01/11/2010 |
| | Data Release Frequency: Quarterly |

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: 06/23/2009 | Source: EPA |
| Date Data Arrived at EDR: 09/02/2009 | Telephone: 703-412-9810 |
| Date Made Active in Reports: 09/21/2009 | Last EDR Contact: 11/24/2009 |
| Number of Days to Update: 19 | Next Scheduled EDR Contact: 03/15/2010 |
| | Data Release Frequency: Quarterly |

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

| | |
|---|--|
| Date of Government Version: 09/15/2009 | Source: EPA |
| Date Data Arrived at EDR: 09/22/2009 | Telephone: 800-424-9346 |
| Date Made Active in Reports: 11/09/2009 | Last EDR Contact: 11/16/2009 |
| Number of Days to Update: 48 | Next Scheduled EDR Contact: 03/01/2010 |
| | Data Release Frequency: Quarterly |

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Transporters, 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: 913-551-7003
Last EDR Contact: 11/18/2009
Next Scheduled EDR Contact: 01/18/2010
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: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: 913-551-7003
Last EDR Contact: 11/18/2009
Next Scheduled EDR Contact: 01/18/2010
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: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: 913-551-7003
Last EDR Contact: 11/18/2009
Next Scheduled EDR Contact: 01/18/2010
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: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: 913-551-7003
Last EDR Contact: 11/18/2009
Next Scheduled EDR Contact: 01/18/2010
Data Release Frequency: Varies

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: 10/01/2009
Date Data Arrived at EDR: 10/09/2009
Date Made Active in Reports: 11/09/2009
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 09/18/2009
Next Scheduled EDR Contact: 12/28/2009
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/01/2009 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 10/09/2009 | Telephone: 703-603-0695 |
| Date Made Active in Reports: 11/09/2009 | Last EDR Contact: 09/18/2009 |
| Number of Days to Update: 31 | Next Scheduled EDR Contact: 12/28/2009 |
| | 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: 08/31/2009 | Source: National Response Center, United States Coast Guard |
| Date Data Arrived at EDR: 09/17/2009 | Telephone: 202-267-2180 |
| Date Made Active in Reports: 11/09/2009 | Last EDR Contact: 10/06/2009 |
| Number of Days to Update: 53 | Next Scheduled EDR Contact: 01/18/2010 |
| | Data Release Frequency: Annually |

State- and tribal - equivalent CERCLIS

MO HWS DETAIL: Registry Annual Report

Each site is described in detail in this annual report and includes the following information: a general description of the site; a summary of any significant environmental problems at and near the site; a summary of any serious health problems in the immediate vicinity of the site; the status of any testing, monitoring or remedial actions in progress or recommended by the department.

| | |
|---|---|
| Date of Government Version: 06/30/2008 | Source: Department of Natural Resources |
| Date Data Arrived at EDR: 04/23/2009 | Telephone: 573-751-3176 |
| Date Made Active in Reports: 05/15/2009 | Last EDR Contact: 09/18/2009 |
| Number of Days to Update: 22 | Next Scheduled EDR Contact: 07/02/5007 |
| | Data Release Frequency: Annually |

MO SHWS: Registry of Confirmed Abandoned or Uncontrolled Hazardous Waste Disposal 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: 09/18/2009 | Source: Department of Natural Resources |
| Date Data Arrived at EDR: 09/21/2009 | Telephone: 573-751-1990 |
| Date Made Active in Reports: 10/09/2009 | Last EDR Contact: 09/15/2009 |
| Number of Days to Update: 18 | Next Scheduled EDR Contact: 12/21/2009 |
| | Data Release Frequency: Quarterly |

KS SHWS: Identified Sites List

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: 11/04/2009 | Source: Department of Health and Environment |
| Date Data Arrived at EDR: 11/04/2009 | Telephone: 785-296-1660 |
| Date Made Active in Reports: 11/25/2009 | Last EDR Contact: 10/19/2009 |
| Number of Days to Update: 21 | Next Scheduled EDR Contact: 02/01/2010 |
| | Data Release Frequency: Semi-Annually |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

MO SWF/LF: Solid Waste Facility List

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

| | |
|---|---|
| Date of Government Version: 10/05/2009 | Source: Department of Natural Resources |
| Date Data Arrived at EDR: 10/06/2009 | Telephone: 573-751-5401 |
| Date Made Active in Reports: 10/23/2009 | Last EDR Contact: 10/05/2009 |
| Number of Days to Update: 17 | Next Scheduled EDR Contact: 12/21/2009 |
| | Data Release Frequency: Quarterly |

KS SWF/LF: Directory of Sanitary Landfills, Solid Waste Transfer Stations and Collector in Kansas

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

| | |
|---|--|
| Date of Government Version: 10/26/2009 | Source: Department of Health and Environment |
| Date Data Arrived at EDR: 10/27/2009 | Telephone: 785-296-1590 |
| Date Made Active in Reports: 11/25/2009 | Last EDR Contact: 10/26/2009 |
| Number of Days to Update: 29 | Next Scheduled EDR Contact: 02/08/2010 |
| | Data Release Frequency: Annually |

State and tribal leaking storage tank lists

MO LUST: Leaking Underground Storage Tanks

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: 09/23/2009 | Source: Department of Natural Resources |
| Date Data Arrived at EDR: 09/25/2009 | Telephone: 573-751-0135 |
| Date Made Active in Reports: 10/09/2009 | Last EDR Contact: 09/25/2009 |
| Number of Days to Update: 14 | Next Scheduled EDR Contact: 01/04/2010 |
| | Data Release Frequency: Semi-Annually |

KS LUST: Leaking Underground Storage Tank Data

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: 11/09/2009 | Source: Department of Health and Environment |
| Date Data Arrived at EDR: 11/09/2009 | Telephone: 785-296-1685 |
| Date Made Active in Reports: 11/25/2009 | Last EDR Contact: 10/09/2009 |
| Number of Days to Update: 16 | Next Scheduled EDR Contact: 01/25/2010 |
| | Data Release Frequency: Quarterly |

MO LAST: Leaking Aboveground Storage Tanks

A listing of leaking aboveground storage tanks.

| | |
|---|---|
| Date of Government Version: 09/23/2009 | Source: Department of Natural Resources |
| Date Data Arrived at EDR: 09/25/2009 | Telephone: 573-751-6822 |
| Date Made Active in Reports: 10/09/2009 | Last EDR Contact: 09/25/2009 |
| Number of Days to Update: 14 | Next Scheduled EDR Contact: 01/04/2010 |
| | Data Release Frequency: Quarterly |

KS LAST: Leaking Aboveground Storage Tanks

Leaking aboveground storage tank site locations.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/09/2009
Date Data Arrived at EDR: 11/09/2009
Date Made Active in Reports: 11/25/2009
Number of Days to Update: 16

Source: Department of Health & Environment
Telephone: 785-296-1685
Last EDR Contact: 10/09/2009
Next Scheduled EDR Contact: 01/25/2010
Data Release Frequency: Quarterly

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

Date of Government Version: 08/24/2009
Date Data Arrived at EDR: 08/26/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 26

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 10/30/2009
Next Scheduled EDR Contact: 02/15/2010
Data Release Frequency: Varies

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

Date of Government Version: 03/24/2009
Date Data Arrived at EDR: 05/20/2009
Date Made Active in Reports: 06/17/2009
Number of Days to Update: 28

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 11/04/2009
Next Scheduled EDR Contact: 02/15/2010
Data Release Frequency: Varies

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

Date of Government Version: 08/20/2009
Date Data Arrived at EDR: 08/26/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 57

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 10/30/2009
Next Scheduled EDR Contact: 02/15/2010
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: 08/24/2009
Date Data Arrived at EDR: 09/10/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 42

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/30/2009
Next Scheduled EDR Contact: 02/15/2010
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: 08/21/2009
Date Data Arrived at EDR: 10/06/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 16

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/30/2009
Next Scheduled EDR Contact: 02/15/2010
Data Release Frequency: Quarterly

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

Date of Government Version: 08/20/2009
Date Data Arrived at EDR: 08/21/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 31

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/30/2009
Next Scheduled EDR Contact: 02/15/2010
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/19/2009 | Source: EPA Region 1 |
| Date Data Arrived at EDR: 02/19/2009 | Telephone: 617-918-1313 |
| Date Made Active in Reports: 03/16/2009 | Last EDR Contact: 10/30/2009 |
| Number of Days to Update: 25 | Next Scheduled EDR Contact: 02/15/2010 |
| | Data Release Frequency: Varies |

State and tribal registered storage tank lists

MO UST: Petroleum Storage Tanks

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: 09/23/2009 | Source: Department of Natural Resources |
| Date Data Arrived at EDR: 09/25/2009 | Telephone: 573-751-0135 |
| Date Made Active in Reports: 10/09/2009 | Last EDR Contact: 09/25/2009 |
| Number of Days to Update: 14 | Next Scheduled EDR Contact: 01/04/2010 |
| | Data Release Frequency: Semi-Annually |

KS UST: Underground Storage Tank Data

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

| | |
|---|--|
| Date of Government Version: 11/09/2009 | Source: Department of Health and Environment |
| Date Data Arrived at EDR: 11/09/2009 | Telephone: 785-296-1685 |
| Date Made Active in Reports: 11/20/2009 | Last EDR Contact: 10/09/2009 |
| Number of Days to Update: 11 | Next Scheduled EDR Contact: 01/25/2010 |
| | Data Release Frequency: Quarterly |

MO AST: Aboveground Petroleum Storage Tanks

Registered Aboveground Storage Tanks.

| | |
|---|--|
| Date of Government Version: 10/01/2009 | Source: Department of Agriculture |
| Date Data Arrived at EDR: 10/01/2009 | Telephone: 573-751-7062 |
| Date Made Active in Reports: 10/07/2009 | Last EDR Contact: 09/23/2009 |
| Number of Days to Update: 6 | Next Scheduled EDR Contact: 01/04/2010 |
| | Data Release Frequency: Semi-Annually |

KS AST: Aboveground Storage Tank Data

Registered Aboveground Storage Tanks.

| | |
|---|--|
| Date of Government Version: 11/09/2009 | Source: Department of Health and Environment |
| Date Data Arrived at EDR: 11/09/2009 | Telephone: 785-296-1685 |
| Date Made Active in Reports: 11/20/2009 | Last EDR Contact: 10/09/2009 |
| Number of Days to Update: 11 | Next Scheduled EDR Contact: 01/25/2010 |
| | Data Release Frequency: Quarterly |

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: 09/08/2008 | Source: EPA Region 5 |
| Date Data Arrived at EDR: 09/19/2008 | Telephone: 312-886-6136 |
| Date Made Active in Reports: 10/16/2008 | Last EDR Contact: 10/22/2009 |
| Number of Days to Update: 27 | Next Scheduled EDR Contact: 11/16/2009 |
| | Data Release Frequency: Varies |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/24/2009 | Source: EPA Region 6 |
| Date Data Arrived at EDR: 08/26/2009 | Telephone: 214-665-7591 |
| Date Made Active in Reports: 09/21/2009 | Last EDR Contact: 10/30/2009 |
| Number of Days to Update: 26 | Next Scheduled EDR Contact: 02/15/2010 |
| | Data Release Frequency: Semi-Annually |

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: 08/20/2009 | Source: EPA Region 4 |
| Date Data Arrived at EDR: 08/26/2009 | Telephone: 404-562-9424 |
| Date Made Active in Reports: 10/22/2009 | Last EDR Contact: 10/30/2009 |
| Number of Days to Update: 57 | Next Scheduled EDR Contact: 02/15/2010 |
| | 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: 08/21/2009 | Source: EPA Region 9 |
| Date Data Arrived at EDR: 08/26/2009 | Telephone: 415-972-3368 |
| Date Made Active in Reports: 10/22/2009 | Last EDR Contact: 10/30/2009 |
| Number of Days to Update: 57 | Next Scheduled EDR Contact: 02/15/2010 |
| | 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: 08/24/2009 | Source: EPA Region 8 |
| Date Data Arrived at EDR: 09/10/2009 | Telephone: 303-312-6137 |
| Date Made Active in Reports: 10/22/2009 | Last EDR Contact: 10/30/2009 |
| Number of Days to Update: 42 | Next Scheduled EDR Contact: 02/15/2010 |
| | 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: 04/01/2008 | Source: EPA Region 7 |
| Date Data Arrived at EDR: 12/30/2008 | Telephone: 913-551-7003 |
| Date Made Active in Reports: 03/16/2009 | Last EDR Contact: 11/04/2009 |
| Number of Days to Update: 76 | Next Scheduled EDR Contact: 02/15/2010 |
| | Data Release Frequency: Varies |

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

| | |
|---|--|
| Date of Government Version: 08/20/2009 | Source: EPA Region 10 |
| Date Data Arrived at EDR: 08/21/2009 | Telephone: 206-553-2857 |
| Date Made Active in Reports: 09/21/2009 | Last EDR Contact: 10/30/2009 |
| Number of Days to Update: 31 | Next Scheduled EDR Contact: 02/15/2010 |
| | Data Release Frequency: Quarterly |

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: 02/19/2009 | Source: EPA, Region 1 |
| Date Data Arrived at EDR: 02/19/2009 | Telephone: 617-918-1313 |
| Date Made Active in Reports: 03/16/2009 | Last EDR Contact: 10/30/2009 |
| Number of Days to Update: 25 | Next Scheduled EDR Contact: 02/15/2010 |
| | Data Release Frequency: Varies |

State and tribal voluntary cleanup sites

MO VCP: Sites Participating in the Voluntary Cleanup Program

Sites participating in the Voluntary Cleanup Program.

| | |
|---|---|
| Date of Government Version: 09/23/2009 | Source: Department of Natural Resources |
| Date Data Arrived at EDR: 09/28/2009 | Telephone: 573-526-8913 |
| Date Made Active in Reports: 10/09/2009 | Last EDR Contact: 09/28/2009 |
| Number of Days to Update: 11 | Next Scheduled EDR Contact: 01/04/2010 |
| | Data Release Frequency: Semi-Annually |

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: 04/02/2008 | Source: EPA, Region 1 |
| Date Data Arrived at EDR: 04/22/2008 | Telephone: 617-918-1102 |
| Date Made Active in Reports: 05/19/2008 | Last EDR Contact: 10/05/2009 |
| Number of Days to Update: 27 | Next Scheduled EDR Contact: 01/18/2010 |
| | Data Release Frequency: Varies |

KS VCP: Identified Sites List

Sites included in the Identified Sites List that are identified as Voluntary Cleanup sites.

| | |
|---|--|
| Date of Government Version: 11/04/2009 | Source: Department of Health & Environment |
| Date Data Arrived at EDR: 11/04/2009 | Telephone: 785-296-8049 |
| Date Made Active in Reports: 11/25/2009 | Last EDR Contact: 10/19/2009 |
| Number of Days to Update: 21 | Next Scheduled EDR Contact: 02/01/2010 |
| | Data Release Frequency: Quarterly |

State and tribal Brownfields sites

MO BROWNFIELDS: Brownfields Site List

Brownfields are sites where redevelopment and reuse is hampered by known or suspected contamination with hazardous substances. While many brownfield sites are minimally contaminated, potential environmental liability can be a problem for owners, operators, prospective buyers and financial institutions. Because of the large number of these sites, their economic impact especially in heavily industrial areas is substantial.

| | |
|---|---|
| Date of Government Version: 09/23/2009 | Source: Department of Natural Resources |
| Date Data Arrived at EDR: 09/28/2009 | Telephone: 573-526-8913 |
| Date Made Active in Reports: 10/09/2009 | Last EDR Contact: 09/28/2009 |
| Number of Days to Update: 11 | Next Scheduled EDR Contact: 01/04/2010 |
| | Data Release Frequency: Semi-Annually |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

KS BROWNFIELDS: Identified Sites List

Sites included in the Identified Sites List that are identified as Brownfields sites.

| | |
|---|--|
| Date of Government Version: 11/04/2009 | Source: Department of Health & Environment |
| Date Data Arrived at EDR: 11/04/2009 | Telephone: 785-296-8049 |
| Date Made Active in Reports: 11/25/2009 | Last EDR Contact: 10/19/2009 |
| Number of Days to Update: 21 | Next Scheduled EDR Contact: 02/01/2010 |
| | Data Release Frequency: Quarterly |

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients--States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

| | |
|---|---|
| Date of Government Version: 07/01/2009 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 09/11/2009 | Telephone: 202-566-2777 |
| Date Made Active in Reports: 11/09/2009 | Last EDR Contact: 11/04/2009 |
| Number of Days to Update: 59 | Next Scheduled EDR Contact: 01/11/2010 |
| | 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 | Source: EPA, Region 9 |
| Date Data Arrived at EDR: 05/07/2009 | Telephone: 415-972-3336 |
| Date Made Active in Reports: 09/21/2009 | Last EDR Contact: 09/23/2009 |
| Number of Days to Update: 137 | Next Scheduled EDR Contact: 12/21/2009 |
| | Data Release Frequency: Varies |

ODI: Open Dump Inventory

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

| | |
|---|---|
| Date of Government Version: 06/30/1985 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 08/09/2004 | Telephone: 800-424-9346 |
| Date Made Active in Reports: 09/17/2004 | Last EDR Contact: 06/09/2004 |
| Number of Days to Update: 39 | Next Scheduled EDR Contact: N/A |
| | Data Release Frequency: No Update Planned |

MO HIST LF: Solid Waste Facility Database List

This database contains detailed information per site. It is no longer maintained by the Department of Natural Resources. For current information on solid waste facilities/landfills see the SWF/LF database.

| | |
|---|---|
| Date of Government Version: 04/12/2005 | Source: Department of Natural Resources |
| Date Data Arrived at EDR: 07/19/2006 | Telephone: 573-751-5401 |
| Date Made Active in Reports: 08/18/2006 | Last EDR Contact: 01/12/2009 |
| Number of Days to Update: 30 | Next Scheduled EDR Contact: 04/13/2009 |
| | Data Release Frequency: No Update Planned |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 12/03/2007 | Telephone: 703-308-8245 |
| Date Made Active in Reports: 01/24/2008 | Last EDR Contact: 11/09/2009 |
| Number of Days to Update: 52 | Next Scheduled EDR Contact: 02/22/2010 |
| | 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: 03/01/2009 | Source: Drug Enforcement Administration |
| Date Data Arrived at EDR: 06/22/2009 | Telephone: 202-307-1000 |
| Date Made Active in Reports: 09/21/2009 | Last EDR Contact: 03/26/2009 |
| Number of Days to Update: 91 | Next Scheduled EDR Contact: 06/22/2009 |
| | Data Release Frequency: Quarterly |

MO DEL SHWS: Registry Sites Withdrawn or Deleted

A list of sites that were removed from the Registry or for which Registry action was suspended due to cleanup.

| | |
|---|---|
| Date of Government Version: 06/28/2006 | Source: Department of Natural Resources |
| Date Data Arrived at EDR: 06/29/2006 | Telephone: 573-522-3710 |
| Date Made Active in Reports: 07/18/2006 | Last EDR Contact: 09/15/2009 |
| Number of Days to Update: 19 | Next Scheduled EDR Contact: 12/21/2009 |
| | Data Release Frequency: Annually |

MO CDL: Environmental Emergency Response System

Incidents reported to the Department of Natural Resources where drug lab materials were involved.

| | |
|---|---|
| Date of Government Version: 09/09/2009 | Source: Department of Natural Resources |
| Date Data Arrived at EDR: 09/24/2009 | Telephone: 573-751-3443 |
| Date Made Active in Reports: 10/09/2009 | Last EDR Contact: 09/24/2009 |
| Number of Days to Update: 15 | Next Scheduled EDR Contact: 01/04/2010 |
| | Data Release Frequency: Varies |

KS CDL: Clandestine Laboratory Data

Clandestine meth lab location

| | |
|---|--|
| Date of Government Version: 09/29/2009 | Source: Department of Health and Environment |
| Date Data Arrived at EDR: 10/02/2009 | Telephone: 785-368-7301 |
| Date Made Active in Reports: 10/20/2009 | Last EDR Contact: 11/23/2009 |
| Number of Days to Update: 18 | Next Scheduled EDR Contact: 03/08/2010 |
| | 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 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: 08/18/2009
Date Data Arrived at EDR: 08/21/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/02/2009
Next Scheduled EDR Contact: 02/15/2010
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: 11/20/2009
Next Scheduled EDR Contact: 03/08/2010
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: 10/05/2009
Date Data Arrived at EDR: 10/05/2009
Date Made Active in Reports: 11/09/2009
Number of Days to Update: 35

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 10/05/2009
Next Scheduled EDR Contact: 01/11/2010
Data Release Frequency: Annually

MO SPILLS: Environmental Response Tracking Database

Releases of hazardous substances reported to the department's Environmental Emergency Response (EER) section.

Date of Government Version: 09/09/2009
Date Data Arrived at EDR: 09/24/2009
Date Made Active in Reports: 10/09/2009
Number of Days to Update: 15

Source: Department of Natural Resources
Telephone: 573-526-3349
Last EDR Contact: 09/24/2009
Next Scheduled EDR Contact: 01/04/2010
Data Release Frequency: Semi-Annually

KS SPILLS: Kansas Spills Database

All spills reported under the regulatory authority of the Department of Health & Environment and the Kansas Corporation Commission.

Date of Government Version: 11/10/2009
Date Data Arrived at EDR: 11/18/2009
Date Made Active in Reports: 11/25/2009
Number of Days to Update: 7

Source: Department of Health and Environment
Telephone: 785-296-1660
Last EDR Contact: 10/19/2009
Next Scheduled EDR Contact: 02/01/2010
Data Release Frequency: Semi-Annually

Other Ascertainable Records

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/12/2008 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 11/18/2008 | Telephone: 913-551-7003 |
| Date Made Active in Reports: 03/16/2009 | Last EDR Contact: 11/18/2009 |
| Number of Days to Update: 118 | Next Scheduled EDR Contact: 01/18/2010 |
| | 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: 08/12/2009 | Source: Department of Transportation, Office of Pipeline Safety |
| Date Data Arrived at EDR: 08/27/2009 | Telephone: 202-366-4595 |
| Date Made Active in Reports: 12/01/2009 | Last EDR Contact: 11/10/2009 |
| Number of Days to Update: 96 | Next Scheduled EDR Contact: 02/22/2010 |
| | Data Release Frequency: Varies |

DOD: Department of Defense Sites

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

| | |
|---|--|
| Date of Government Version: 12/31/2005 | Source: USGS |
| Date Data Arrived at EDR: 11/10/2006 | Telephone: 703-692-8801 |
| Date Made Active in Reports: 01/11/2007 | Last EDR Contact: 10/23/2009 |
| Number of Days to Update: 62 | Next Scheduled EDR Contact: 02/01/2010 |
| | 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: 12/31/2008 | Source: U.S. Army Corps of Engineers |
| Date Data Arrived at EDR: 09/30/2009 | Telephone: 202-528-4285 |
| Date Made Active in Reports: 12/01/2009 | Last EDR Contact: 09/30/2009 |
| Number of Days to Update: 62 | Next Scheduled EDR Contact: 12/28/2009 |
| | 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: 08/03/2009 | Source: Department of Justice, Consent Decree Library |
| Date Data Arrived at EDR: 10/27/2009 | Telephone: Varies |
| Date Made Active in Reports: 11/09/2009 | Last EDR Contact: 10/06/2009 |
| Number of Days to Update: 13 | Next Scheduled EDR Contact: 01/18/2010 |
| | Data Release Frequency: Varies |

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: 09/01/2009 | Source: EPA |
| Date Data Arrived at EDR: 09/22/2009 | Telephone: 703-416-0223 |
| Date Made Active in Reports: 10/22/2009 | Last EDR Contact: 09/22/2009 |
| Number of Days to Update: 30 | Next Scheduled EDR Contact: 12/28/2009 |
| | Data Release Frequency: Annually |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/05/2009 | Source: Department of Energy |
| Date Data Arrived at EDR: 05/07/2009 | Telephone: 505-845-0011 |
| Date Made Active in Reports: 05/08/2009 | Last EDR Contact: 11/30/2009 |
| Number of Days to Update: 1 | Next Scheduled EDR Contact: 03/15/2010 |
| | 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: 08/07/2009 | Source: Department of Labor, Mine Safety and Health Administration |
| Date Data Arrived at EDR: 09/18/2009 | Telephone: 303-231-5959 |
| Date Made Active in Reports: 11/09/2009 | Last EDR Contact: 09/18/2009 |
| Number of Days to Update: 52 | Next Scheduled EDR Contact: 12/21/2009 |
| | 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: 12/31/2007 | Source: EPA |
| Date Data Arrived at EDR: 04/09/2009 | Telephone: 202-566-0250 |
| Date Made Active in Reports: 06/17/2009 | Last EDR Contact: 12/01/2009 |
| Number of Days to Update: 69 | Next Scheduled EDR Contact: 03/15/2010 |
| | 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: 12/31/2002 | Source: EPA |
| Date Data Arrived at EDR: 04/14/2006 | Telephone: 202-260-5521 |
| Date Made Active in Reports: 05/30/2006 | Last EDR Contact: 10/07/2009 |
| Number of Days to Update: 46 | Next Scheduled EDR Contact: 01/11/2010 |
| | 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: 11/30/2009 |
| Number of Days to Update: 25 | Next Scheduled EDR Contact: 03/15/2010 |
| | Data Release Frequency: Quarterly |

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

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

| | |
|---|--|
| Date of Government Version: 04/09/2009 | Source: EPA |
| Date Data Arrived at EDR: 04/16/2009 | Telephone: 202-566-1667 |
| Date Made Active in Reports: 05/11/2009 | Last EDR Contact: 11/30/2009 |
| Number of Days to Update: 25 | Next Scheduled EDR Contact: 03/15/2010 |
| | Data Release Frequency: Quarterly |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/31/2007 | Source: EPA |
| Date Data Arrived at EDR: 05/19/2009 | Telephone: 202-564-4203 |
| Date Made Active in Reports: 09/21/2009 | Last EDR Contact: 11/02/2009 |
| Number of Days to Update: 125 | Next Scheduled EDR Contact: 02/15/2010 |
| | 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: 08/21/2009 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 08/27/2009 | Telephone: 202-564-5088 |
| Date Made Active in Reports: 10/22/2009 | Last EDR Contact: 09/28/2009 |
| Number of Days to Update: 56 | Next Scheduled EDR Contact: 01/11/2010 |
| | Data Release Frequency: Quarterly |

PADS: PCB Activity Database System

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

| | |
|---|--|
| Date of Government Version: 09/01/2009 | Source: EPA |
| Date Data Arrived at EDR: 10/21/2009 | Telephone: 202-566-0500 |
| Date Made Active in Reports: 12/01/2009 | Last EDR Contact: 10/21/2009 |
| Number of Days to Update: 41 | Next Scheduled EDR Contact: 02/01/2010 |
| | Data Release Frequency: Annually |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MLTS: Material Licensing Tracking System

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

| | |
|---|--|
| Date of Government Version: 07/06/2009 | Source: Nuclear Regulatory Commission |
| Date Data Arrived at EDR: 07/13/2009 | Telephone: 301-415-7169 |
| Date Made Active in Reports: 09/21/2009 | Last EDR Contact: 09/21/2009 |
| Number of Days to Update: 70 | Next Scheduled EDR Contact: 12/28/2009 |
| | 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: 10/15/2009 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 10/16/2009 | Telephone: 202-343-9775 |
| Date Made Active in Reports: 12/01/2009 | Last EDR Contact: 10/16/2009 |
| Number of Days to Update: 46 | Next Scheduled EDR Contact: 01/25/2010 |
| | 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: 10/19/2009 | Source: EPA |
| Date Data Arrived at EDR: 10/22/2009 | Telephone: (913) 551-7003 |
| Date Made Active in Reports: 12/01/2009 | Last EDR Contact: 09/18/2009 |
| Number of Days to Update: 40 | Next Scheduled EDR Contact: 12/28/2009 |
| | 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.

| | |
|---|--|
| Date of Government Version: 12/31/2007 | Source: EPA/NTIS |
| Date Data Arrived at EDR: 02/19/2009 | Telephone: 800-424-9346 |
| Date Made Active in Reports: 05/22/2009 | Last EDR Contact: 11/20/2009 |
| Number of Days to Update: 92 | Next Scheduled EDR Contact: 03/05/2010 |
| | Data Release Frequency: Biennially |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MO 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: 11/16/2009 | Source: Department of Natural Resources |
| Date Data Arrived at EDR: 11/18/2009 | Telephone: 573-368-2183 |
| Date Made Active in Reports: 11/25/2009 | Last EDR Contact: 11/16/2009 |
| Number of Days to Update: 7 | Next Scheduled EDR Contact: 02/15/2010 |
| | Data Release Frequency: Varies |

KS UIC: Underground Injection Wells Database Listing

A listing of underground injection wells.

| | |
|---|--|
| Date of Government Version: 11/06/2009 | Source: Department of Health & Environment |
| Date Data Arrived at EDR: 11/06/2009 | Telephone: 785-296-1367 |
| Date Made Active in Reports: 11/25/2009 | Last EDR Contact: 11/02/2009 |
| Number of Days to Update: 19 | Next Scheduled EDR Contact: 02/15/2010 |
| | Data Release Frequency: Varies |

MO DRYCLEANERS: Drycleaners in Missouri Listing

A listing of drycleaner facilities that are potentially eligible for reimbursement of department approved cleanup costs under the Drycleaning Environmental Response Trust Fund.

| | |
|---|---|
| Date of Government Version: 09/24/2009 | Source: Department of Natural Resources |
| Date Data Arrived at EDR: 09/25/2009 | Telephone: 573-526-8913 |
| Date Made Active in Reports: 10/09/2009 | Last EDR Contact: 09/23/2009 |
| Number of Days to Update: 14 | Next Scheduled EDR Contact: 01/04/2010 |
| | Data Release Frequency: Varies |

KS DRYCLEANERS: Registered Drycleaning Facilities

A listing of registered drycleaners.

| | |
|---|--|
| Date of Government Version: 09/16/2009 | Source: Department of Health & Environment |
| Date Data Arrived at EDR: 09/16/2009 | Telephone: 785-291-3250 |
| Date Made Active in Reports: 09/22/2009 | Last EDR Contact: 09/15/2009 |
| Number of Days to Update: 6 | Next Scheduled EDR Contact: 12/21/2009 |
| | Data Release Frequency: Varies |

MO RRC: Certified Hazardous Waste Resource Recovery Facilities

Facilities that take hazardous waste material, either from on-site or off-site, and make it re-usable.

| | |
|---|---|
| Date of Government Version: 09/08/2009 | Source: Department of Natural Resources |
| Date Data Arrived at EDR: 09/24/2009 | Telephone: 573-751-3176 |
| Date Made Active in Reports: 10/09/2009 | Last EDR Contact: 11/23/2009 |
| Number of Days to Update: 15 | Next Scheduled EDR Contact: 03/08/2010 |
| | Data Release Frequency: Semi-Annually |

MO NPDES: Permitted Facility Listing

A listing of permitted facilities from the Water Pollution Branch.

| | |
|---|---|
| Date of Government Version: 10/13/2009 | Source: Department of Natural Resources |
| Date Data Arrived at EDR: 10/15/2009 | Telephone: 573-751-7023 |
| Date Made Active in Reports: 10/23/2009 | Last EDR Contact: 10/13/2009 |
| Number of Days to Update: 8 | Next Scheduled EDR Contact: 01/25/2010 |
| | Data Release Frequency: Varies |

MO AIRS: Permit Facility Listing

A listing of Air Pollution Control Program permits.

| | |
|---|---|
| Date of Government Version: 09/29/2009 | Source: Department of Natural Resources |
| Date Data Arrived at EDR: 09/29/2009 | Telephone: 573-751-4817 |
| Date Made Active in Reports: 10/09/2009 | Last EDR Contact: 09/23/2009 |
| Number of Days to Update: 10 | Next Scheduled EDR Contact: 01/04/2010 |
| | Data Release Frequency: Varies |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN RESERV: Indian Reservations

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

| | |
|---|--|
| Date of Government Version: 12/31/2005 | Source: USGS |
| Date Data Arrived at EDR: 12/08/2006 | Telephone: 202-208-3710 |
| Date Made Active in Reports: 01/11/2007 | Last EDR Contact: 10/23/2009 |
| Number of Days to Update: 34 | Next Scheduled EDR Contact: 02/01/2010 |
| | 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: 09/09/2009 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 09/09/2009 | Telephone: 615-532-8599 |
| Date Made Active in Reports: 10/22/2009 | Last EDR Contact: 11/09/2009 |
| Number of Days to Update: 43 | Next Scheduled EDR Contact: 02/08/2010 |
| | Data Release Frequency: Varies |

MO COAL ASH: Coal Ash Disposal Sites

A listing of power plants with coal ash ponds.

| | |
|---|---|
| Date of Government Version: 07/24/2009 | Source: Department of Natural Resources |
| Date Data Arrived at EDR: 07/31/2009 | Telephone: 573-526-1825 |
| Date Made Active in Reports: 08/17/2009 | Last EDR Contact: 10/13/2009 |
| Number of Days to Update: 17 | Next Scheduled EDR Contact: 01/25/2010 |
| | 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: 01/01/2008 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 02/18/2009 | Telephone: 202-566-0517 |
| Date Made Active in Reports: 05/29/2009 | Last EDR Contact: 11/13/2009 |
| Number of Days to Update: 100 | Next Scheduled EDR Contact: 02/15/2010 |
| | Data Release Frequency: Varies |

KS COAL ASH: Coal Ash Disposal Site Listing

A listing of coal combustion waste landfills.

| | |
|---|--|
| Date of Government Version: 01/20/2009 | Source: Department of Health & Environment |
| Date Data Arrived at EDR: 06/26/2009 | Telephone: 785-296-1600 |
| Date Made Active in Reports: 07/08/2009 | Last EDR Contact: 10/26/2009 |
| Number of Days to Update: 12 | Next Scheduled EDR Contact: 02/08/2010 |
| | Data Release Frequency: Varies |

FEDLAND: Federal and Indian Lands

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

| | |
|---|--|
| Date of Government Version: 12/31/2005 | Source: U.S. Geological Survey |
| Date Data Arrived at EDR: 02/06/2006 | Telephone: 888-275-8747 |
| Date Made Active in Reports: 01/11/2007 | Last EDR Contact: 10/23/2009 |
| Number of Days to Update: 339 | Next Scheduled EDR Contact: 02/01/2010 |
| | Data Release Frequency: N/A |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR PROPRIETARY RECORDS

EDR Proprietary Records

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

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: 12/31/2007
Date Data Arrived at EDR: 08/26/2009
Date Made Active in Reports: 09/11/2009
Number of Days to Update: 16

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/24/2009
Next Scheduled EDR Contact: 03/08/2010
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: 07/28/2009
Date Data Arrived at EDR: 08/27/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 25

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/10/2009
Next Scheduled EDR Contact: 02/22/2010
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 09/11/2008
Date Made Active in Reports: 10/02/2008
Number of Days to Update: 21

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 11/23/2009
Next Scheduled EDR Contact: 03/08/2010
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/01/2009
Date Data Arrived at EDR: 06/12/2009
Date Made Active in Reports: 06/29/2009
Number of Days to Update: 17

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/30/2009
Next Scheduled EDR Contact: 03/15/2010
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 07/17/2009
Date Made Active in Reports: 08/10/2009
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/24/2009
Next Scheduled EDR Contact: 01/04/2010
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: PennWell Corporation
Telephone: (800) 823-6277

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

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

AHA Hospitals:

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

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

Medical Centers: Provider of Services Listing

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

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

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Child Care Facilities

Source: Department of Health & Senior Services
Telephone: 573-751-2450

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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.

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

ST. JOSEPH TBAS
302 S. 5TH ST, 421 SYLVANIE ST, 324 S. 5TH ST.
SAINT JOSEPH, MO 64501

TARGET PROPERTY COORDINATES

| | |
|-------------------------------|--------------------------|
| Latitude (North): | 39.76450 - 39° 45' 52.2" |
| Longitude (West): | 94.8544 - 94° 51' 15.8" |
| Universal Tranverse Mercator: | Zone 15 |
| UTM X (Meters): | 341157.3 |
| UTM Y (Meters): | 4403054.5 |
| Elevation: | 839 ft. above sea level |

USGS TOPOGRAPHIC MAP

| | |
|-----------------------|---------------------------------|
| Target Property Map: | 39094-G7 SAINT JOSEPH NORTH, MO |
| Most Recent Revision: | 2001 |
| West Map: | 39094-G8 WATHENA, KS |
| Most Recent Revision: | 1977 |

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

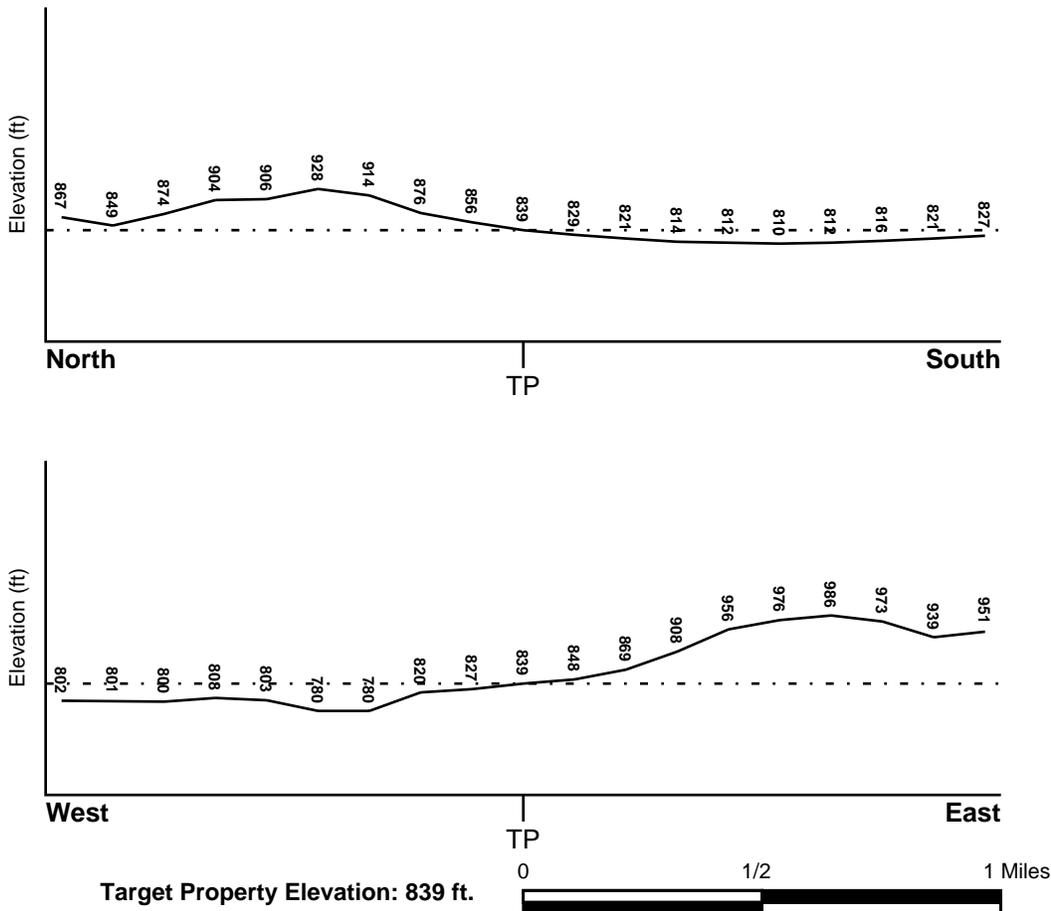
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

| | |
|---|--|
| <u>Target Property County</u> BUCHANAN, MO | FEMA Flood <u>Electronic Data</u> YES - refer to the Overview Map and Detail Map |
| Flood Plain Panel at Target Property: | 2900430020C |
| Additional Panels in search area: | 2900430015C 2900400075B |

NATIONAL WETLAND INVENTORY

| | |
|--|--|
| <u>NWI Quad at Target Property</u> SAINT JOSEPH NORTH | NWI Electronic <u>Data Coverage</u> 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.

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</u> <u>FROM TP</u> | <u>GENERAL DIRECTION</u> <u>GROUNDWATER FLOW</u> |
|---------------|-----------------------------------|---|
| Not Reported | | |

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era: Paleozoic
System: Pennsylvanian
Series: Virgilian Series
Code: PP4 (*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: HAYNIE
Soil Surface Texture: silt loam
Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
Soil Drainage Class: Not reported
Hydric Status: Soil does not meet the requirements for a hydric soil.
Corrosion Potential - Uncoated Steel: LOW
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 | 7 inches | silt loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt. | Max: 2.00 Min: 0.60 | Max: 8.40 Min: 6.60 |
| 2 | 7 inches | 60 inches | silt loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt. | Max: 2.00 Min: 0.60 | 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: silty clay
silty clay loam
loamy fine sand

Surficial Soil Types: silty clay
silty clay loam
loamy fine sand

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: stratified
clay
very fine sandy loam
silty clay
fine sand

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> |
|---------------|----------------|-------------------------|
| 1 | USGS2625008 | 1/4 - 1/2 Mile NW |
| 2 | USGS2624998 | 1/4 - 1/2 Mile SSW |
| 3 | USGS2624999 | 1/2 - 1 Mile WSW |

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

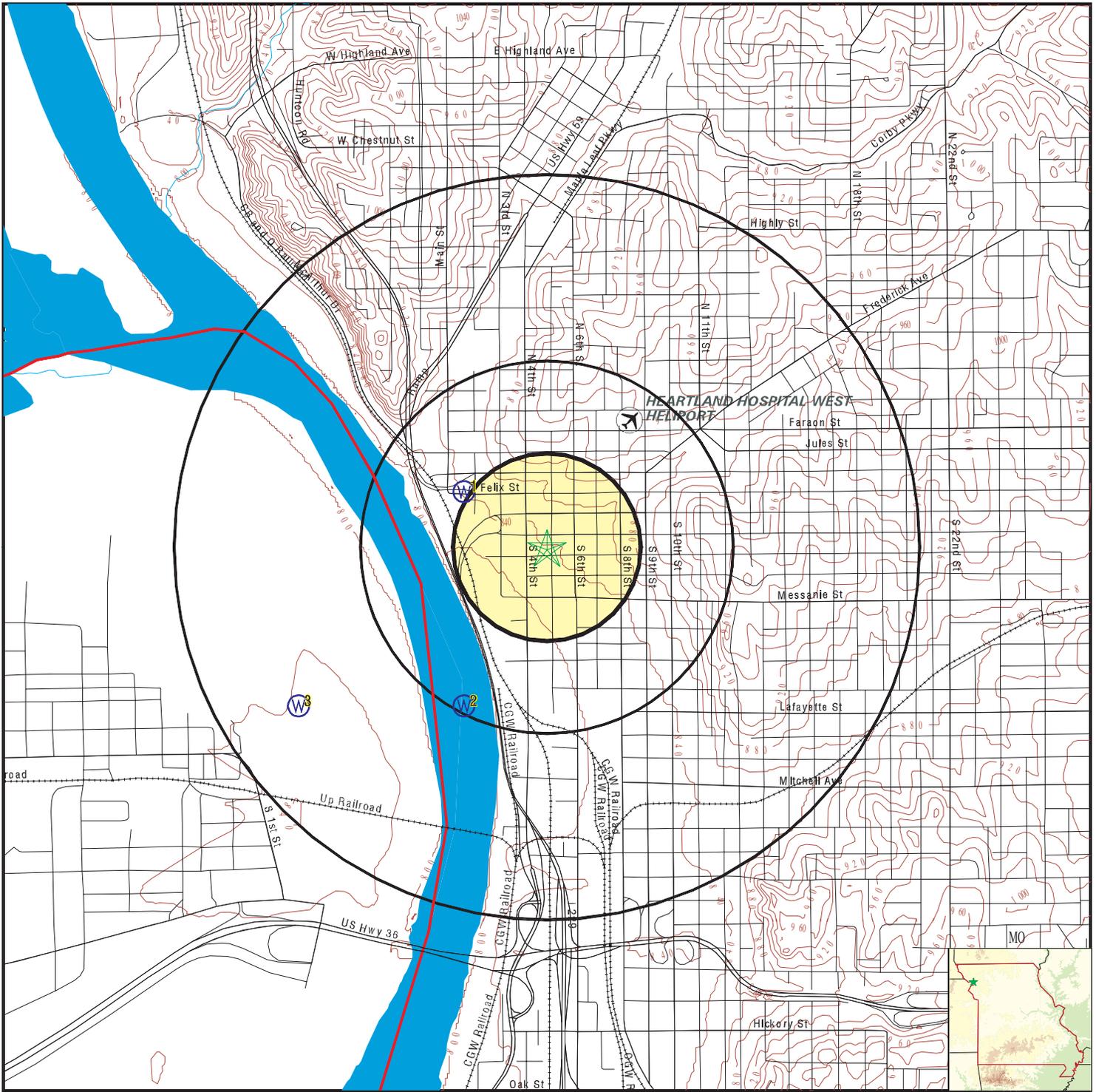
| <u>MAP ID</u> | <u>WELL ID</u> | <u>LOCATION FROM TP</u> |
|---------------------|----------------|-------------------------|
| No PWS System Found | | |

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 | | |

PHYSICAL SETTING SOURCE MAP - 2649308.2s



- 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



SITE NAME: St. Joseph TBAs
ADDRESS: 302 S. 5th St, 421 Sylvania St, 324 S. 5th St.
 Saint Joseph MO 64501
LAT/LONG: 39.7645 / 94.8544

CLIENT: Seagull Env. Technologies
CONTACT: Jeff Pritchard
INQUIRY #: 2649308.2s
DATE: December 01, 2009 5:53 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

1
NW
1/4 - 1/2 Mile
Higher

FED USGS USGS2625008

| | | | |
|-------------------------------|--|--------------------------------|-----------------------|
| Agency cd: | USGS | Site no: | 394600094513001 |
| Site name: | T57N R35W 08CBD1 | EDR Site id: | USGS2625008 |
| Latitude: | 394600 | Dec lat: | 39.76666098 |
| Longitude: | 0945130 | Coor meth: | M |
| Dec lon: | -94.858577 | Latlong datum: | NAD27 |
| Coor accr: | M | District: | 29 |
| Dec latlong datum: | NAD83 | County: | 021 |
| State: | 29 | Land net: | SENWSWS08 T57N R35W 5 |
| Country: | US | Map scale: | 24000 |
| Location map: | ST JOSEPH NORTH | | |
| Altitude: | Not Reported | | |
| Altitude method: | Not Reported | | |
| Altitude accuracy: | Not Reported | | |
| Altitude datum: | Not Reported | | |
| Hydrologic: | IndependenceSugar. Kansas, Missouri. Area = 915 sq.mi. | | |
| Topographic: | Undulating | | |
| Site type: | Ground-water other than Spring | Date construction: | Not Reported |
| Date inventoried: | Not Reported | Mean greenwich time offset: | CST |
| Local standard time flag: | Y | | |
| Type of ground water site: | Single well, other than collector or Ranney type | | |
| Aquifer Type: | Not Reported | | |
| Aquifer: | KANSAS CITY GROUP | | |
| Well depth: | 350 | Hole depth: | 350 |
| Source of depth data: | Not Reported | | |
| Project number: | Not Reported | | |
| Real time data flag: | Not Reported | | |
| Daily flow data end date: | Not Reported | Daily flow data begin date: | Not Reported |
| Peak flow data begin date: | Not Reported | Daily flow data count: | Not Reported |
| Peak flow data count: | Not Reported | Peak flow data end date: | Not Reported |
| Water quality data end date: | Not Reported | Water quality data begin date: | Not Reported |
| Ground water data begin date: | Not Reported | Water quality data count: | Not Reported |
| Ground water data count: | Not Reported | Ground water data end date: | Not Reported |

Ground-water levels, Number of Measurements: 0

2
SSW
1/4 - 1/2 Mile
Lower

FED USGS USGS2624998

| | | | |
|--------------------|-----------------|----------------|-----------------|
| Agency cd: | USGS | Site no: | 394530094513001 |
| Site name: | T57N R35W 17 | EDR Site id: | USGS2624998 |
| Latitude: | 394530 | Dec lat: | 39.75832766 |
| Longitude: | 0945130 | Coor meth: | M |
| Dec lon: | -94.85857689 | Latlong datum: | NAD27 |
| Coor accr: | M | District: | 29 |
| Dec latlong datum: | NAD83 | County: | 021 |
| State: | 29 | Land net: | S17 T57N R35W 5 |
| Country: | US | Map scale: | 24000 |
| Location map: | ST JOSEPH NORTH | | |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|-------------------------------|--|--------------------------------|--------------|
| Altitude: | Not Reported | | |
| Altitude method: | Not Reported | | |
| Altitude accuracy: | Not Reported | | |
| Altitude datum: | Not Reported | | |
| Hydrologic: | IndependenceSugar. Kansas, Missouri. Area = 915 sq.mi. | | |
| Topographic: | Undulating | | |
| Site type: | Ground-water other than Spring | Date construction: | Not Reported |
| Date inventoried: | Not Reported | Mean greenwich time offset: | CST |
| Local standard time flag: | Y | | |
| Type of ground water site: | Single well, other than collector or Ranney type | | |
| Aquifer Type: | Unconfined single aquifer | | |
| Aquifer: | DRIFT | | |
| Well depth: | 72.0 | Hole depth: | 72.0 |
| Source of depth data: | logs | | |
| Project number: | Not Reported | | |
| 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: | 1942-09-12 |
| Water quality data end date: | 1942-09-12 | 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

3
WSW
1/2 - 1 Mile
Lower

FED USGS USGS2624999

| | | | |
|----------------------------|--|-----------------------------|-----------------|
| Agency cd: | USGS | Site no: | 394530094520001 |
| Site name: | T57N R35W 17 2 | EDR Site id: | USGS2624999 |
| Latitude: | 394530 | Dec lat: | 39.75832763 |
| Longitude: | 0945200 | Coor meth: | M |
| Dec lon: | -94.86691047 | Latlong datum: | NAD27 |
| Coor accr: | M | District: | 29 |
| Dec latlong datum: | NAD83 | County: | 021 |
| State: | 29 | Land net: | S17 T57N R35W 5 |
| Country: | US | Map scale: | 24000 |
| Location map: | ST JOSEPH NORTH | | |
| Altitude: | Not Reported | | |
| Altitude method: | Not Reported | | |
| Altitude accuracy: | Not Reported | | |
| Altitude datum: | Not Reported | | |
| Hydrologic: | IndependenceSugar. Kansas, Missouri. Area = 915 sq.mi. | | |
| Topographic: | Valley flat | | |
| Site type: | Ground-water other than Spring | Date construction: | Not Reported |
| Date inventoried: | Not Reported | Mean greenwich time offset: | CST |
| Local standard time flag: | Y | | |
| Type of ground water site: | Single well, other than collector or Ranney type | | |
| Aquifer Type: | Unconfined single aquifer | | |
| Aquifer: | ALLUVIUM | | |
| Well depth: | 78.0 | Hole depth: | 78.0 |
| Source of depth data: | logs | | |
| Project number: | Not Reported | | |
| 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 |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0

Water quality data end date: 1942-06-16

Ground water data begin date: 0000-00-00

Ground water data count: 0

Water quality data begin date: 1942-06-16

Water quality data count: 1

Ground water data end date: 0000-00-00

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: MO Radon

Radon Test Results

| County | Average | Max Pci/L | Min Pci/L | Num Samples |
|----------|---------|-----------|-----------|-------------|
| BUCHANAN | 4.5 | 19.9 | <0.5 | 42 |

Federal EPA Radon Zone for BUCHANAN County: 1

- 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: 64501

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 | 5.350 pCi/L | 50% | 50% | 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 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

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

Missouri Public Drinking Water Wells

Source: Department of Natural Resources

Telephone: 573-526-5448

OTHER STATE DATABASE INFORMATION

RADON

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.

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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APPENDIX G
SITE PHOTOGRAPHS

**302 South 5th Street
St. Joseph, Missouri**



| | | | |
|--|--------------|---|---------|
| St. Joseph Targeted Brownfields Assessment Direction: North | DESCRIPTION | This photograph shows the southern fence, the loading dock and the eastern portion of the site. | 1 |
| | CLIENT | Environmental Protection Agency Region 7 | Date |
| | PHOTOGRAPHER | Joel Harvester | 12-1-09 |



| | | | |
|--|--------------|--|---------|
| St. Joseph Targeted Brownfields Assessment Direction: South | DESCRIPTION | This photograph shows the western portion of the site. | 2 |
| | CLIENT | Environmental Protection Agency Region 7 | Date |
| | PHOTOGRAPHER | Joel Harvester | 12-1-09 |

**302 South 5th Street
St. Joseph, Missouri**



| | | | |
|--|--------------|--|---------|
| St. Joseph Targeted Brownfields Assessment Direction: North | DESCRIPTION | This photograph shows the eastern portion of the site. | 3 |
| | CLIENT | Environmental Protection Agency Region 7 | Date |
| | PHOTOGRAPHER | Joel Harvester | 12-1-09 |



| | | | |
|--|--------------|---|---------|
| St. Joseph Targeted Brownfields Assessment Direction: Northwest | DESCRIPTION | This photograph shows the freezer house and loading dock located at the site. | 4 |
| | CLIENT | Environmental Protection Agency Region 7 | Date |
| | PHOTOGRAPHER | Joel Harvester | 12-1-09 |

**302 South 5th Street
St. Joseph, Missouri**



| | | | |
|--|--------------|---|---------|
| St. Joseph Targeted Brownfields Assessment Direction: Northeast | DESCRIPTION | This photograph shows the freezer house and loading dock located at the site. | 5 |
| | CLIENT | Environmental Protection Agency Region 7 | Date |
| | PHOTOGRAPHER | Joel Harvester | 12-1-09 |



| | | | |
|--|--------------|---|---------|
| St. Joseph Targeted Brownfields Assessment Direction: South | DESCRIPTION | This photograph shows the alley and powerlines that bound the western edge of the site. | 6 |
| | CLIENT | Environmental Protection Agency Region 7 | Date |
| | PHOTOGRAPHER | Joel Harvester | 12-1-09 |

**302 South 5th Street
St. Joseph, Missouri**



| | | | |
|--|--------------|--|---------|
| St. Joseph Targeted Brownfields Assessment Direction: South | DESCRIPTION | This photograph shows the electrical box located in the northern part of the site. | 7 |
| | CLIENT | Environmental Protection Agency Region 7 | Date |
| | PHOTOGRAPHER | Joel Harvester | 12-1-09 |



| | | | |
|---|--------------|--|---------|
| St. Joseph Targeted Brownfields Assessment Direction: West | DESCRIPTION | This photograph shows an electrical hook up, one of many that line the two fences of the site. | 8 |
| | CLIENT | Environmental Protection Agency Region 7 | Date |
| | PHOTOGRAPHER | Joel Harvester | 12-1-09 |

APPENDIX H
INTERVIEW DOCUMENTATION

Telephone Interview Memorandum

Date : December 2, 2009
To : File
From : Joel Harvester
Subject : Phone Interview with Jason Ziph, St. Joseph Fire Department, 816-271-4623

Joel Harvester spoke with Jason Ziph, Fire Inspector with the St. Joseph Fire Department, to determine if the fire department had conducted any historic fire and/or hazardous material responses to any of the TBA sites in downtown St. Joseph. Mr. Ziph stated that he would research the listed addresses and report any documentation.

Fwd: Fire and Hazmat responses. •

From: **Joel Harvester** (joelharvester@gmail.com)
Sent: Fri 12/04/09 9:32 AM
To: jfpritch (jfpritch@hotmail.com)
Attachments:
[image001.jpg \(83.2 KB\)](#)

----- Forwarded message -----

From: **Joel Harvester** <joelharvester@gmail.com>
Date: Fri, Dec 4, 2009 at 9:19 AM
Subject: Fwd: Fire and Hazmat responses.
To: rlunt@seagullenvirotech.com, cvu <cvu@seagullenvirotech.com>

----- Forwarded message -----

From: **Jason Ziph** <jziph@ci.st-joseph.mo.us>
Date: Thu, Dec 3, 2009 at 11:45 AM
Subject: Fire and Hazmat responses.
To: jharvester@seagullenvirotech.com



1. 218 S. 5th St. Parking Lot No Fire or Haz-Mat incidents on record.

2. 302 S. 5th St Site of Roberts Dairy Structure Fire – 01/08/07

Fire in Trash Storage room – 01/30/69

Fire in Shop – 03/06/68

Gas Pump fire – 03/02/63

Vehicle Fire – 11/13/61

Ammonia Leak – 03/20/61

Coal Oil Bottle Fire – 10/16/60

3. 324 S. 5th St. Empty Lot No Fire or Haz-Mat incidents on record.

4. 428 Edmond St Parking Lot Vehicle Fire – 03/26/97

5. 402 S. 5th St. Storage Warehouse History of being used for herbicide storage. Currently empty.

6. 421 Sylvania St. Empty Lot No Fire or Haz-Mat incidents on record.

7. 302 S. 3rd St. Warehouse Building Currently Empty. It was used as a furniture showroom until 2007. At that time, a previously unknown
fuel oil storage tank located on the property broke, causing the building to be contaminated.

8. 310 S. 3rd St. Warehouse Building Structure Fire – 07/22/78

Possible 2000 gallon storage tank present – 11/21/77

Building was previously used by Scot Young Seeds.

This information is what is available in the records of the St. Joseph Fire Department. This does not mean that:

1. There have never been any hazardous materials present at the listed properties.

2. This accounts for any and all fires at the properties listed.

3. There is no contamination to the properties listed.

Jason E. Ziph

Fire Inspector

St. Joseph Fire Department

Office: 816-271-4623

Fax: 816-271-4612

jziph@ci.st-joseph.mo.us

Telephone Interview Memorandum

Date : December 2, 2009
To : File
From : Jeff Pritchard
Subject : Phone Interview with Kendra Bundy, Buchanan County Health Department,
816-271-4636

Jeff Pritchard spoke with Karla Bundy with the Buchanan County Health Department, to determine if the health department had any responses or complaints involving environmental issues at any of the downtown St. Joseph TBA sites. Ms. Bundy stated she would look over the list of sites and report back any relevant information.

Updated: 12/16/09 – To date no information was supplied by the Buchanan County Health Department.

Telephone Interview Memorandum

Date : December 3, 2009
To : File
From : Jeff Pritchard
Subject : Phone Interview with Kevin Snowden, EPA Region 7 RCRA, 913-551-7022

Jeff Pritchard spoke with Kevin Snowden with EPA Region 7 Resource Conservation and Recovery Act (RCRA) Division about the environmental history of 417 S. 4th Street in St. Joseph, Missouri. This property is currently owned by HPI Chemical and has been included in an ongoing EPA investigation in HPI properties. The building at 417 S. 4th Street was used by HPI for chemical storage (predominantly pesticides). HPI was cited by EPA for improper storage and management of those chemicals. An investigation at the site in March 2007 determined numerous chemical containers were being stored at the site and were in poor condition. Mr. Snowden stated that HPI removed all of the chemicals from the 417 S. 4th Property for proper disposal, but no additional sampling at the facility or surrounding area has been conducted. A sampling plan has been submitted by HPI which will address potential impacts to soil and groundwater as a result of releases at the site, but that work has not been completed.

Telephone Interview Memorandum

Date : February 10, 2010
To : File
From : Jeff Pritchard
Subject : Phone Interview with Chuck Winder, Site Manager for Roberts Dairy, 816-261-9148

Jeff Pritchard spoke with Mr. Chuck Winder, Site Manager for the Roberts Dairy properties at 218 S. 5th Street and 302 S. 5th Street. Mr. Winder stated that he has worked at the site for over 20 years. During that time period both properties have primarily been used for truck parking by Roberts Dairy. The property at 218 S. 5th used to contain a freezer but has since been dismantled. The property at 302 S. 5th had a freezer house installed last year. That freezer house is primarily used for storage of frozen foods. Both properties are served electrical power and municipal water. In addition, Mr. Winder stated that according to his knowledge, no chemical or other hazardous materials have been stored or spilled at the site. Mr. Winder did not know of any spills of hazardous materials that had impacted the site prior to his ownership of the site.

APPENDIX I
RESUMES



JEFFREY E. PRITCHARD
Senior Environmental Scientist

SPECIALTIES

- CERCLA/OPA/Counter-terrorism Emergency Responses
- Removal Site Evaluations
- CERCLA Site Assessments
- Targeted Brownfields Assessments
- Removal Actions
- Enforcement Support
- Field Screening
- Air Monitoring
- SPCC Plan Review/Inspections

EDUCATION

- B.G.S., Environmental Studies, University of Kansas, Lawrence, Kansas

PROFESSIONAL CERTIFICATIONS

- Certified Hazardous Materials Manager – Master Level
- NIOSH 582 Certified Microscopist
- AHERA Asbestos Inspector
- Licensed Well Driller Contractor, Missouri and Iowa

RELEVANT EXPERIENCE

Mr. Pritchard has over 12 years of experience in emergency response and environmental site assessment and cleanup activities. Mr. Pritchard has been with Seagull Environmental Technologies, Inc., for more than 8 years, where he has served as a staff Environmental Scientist and Project Manager. During his tenure with the company, he has effectively proven his ability to maintain strong customer relationships, efficiently use corporate resources, and successfully manage multi-disciplinary teams, as required to meet contractual and project obligations. He has successfully managed over 85 task orders under the United States Environmental Protection Agency (EPA) Region 7 Superfund Technical Assessment and Response Team (START) contracts (START I, II, and III, from 1999 to present), EPA Region 7 Technical Assistance (TA) contract (from 2001 to 2005), and EPA Mini-START contract (2009 to present). Mr. Pritchard currently serves as the Deputy Readiness Coordinator for the EPA Region 7 START III contract and as the Site Assessment Manager for the EPA Region 7 Mini-START contract. Mr. Pritchard has managed or participated in over 175 site assessments, 65 emergency responses, and 40 removal actions. He has prepared budget estimates; project cost tracking summaries; quality assurance project plans (QAPP); and reports for emergency responses, Removal Site Evaluations (RSE), Pre-Comprehensive Environmental Response, Compensation, and Liability Information System (Pre-CERCLIS) screening assessments, Preliminary Assessments (PA), Site Inspections (SI), Integrated Site Assessments (ISA),

Expanded Site Inspections (ESI), Targeted Brownfields Assessments (TBA), and Spill Prevention, Control, and Countermeasures (SPCC) inspections.

Mr. Pritchard has extensive knowledge and experience with direct-push technology, which he has applied at numerous EPA and private sector projects. Furthermore, Mr. Pritchard has conducted training on direct-push technology to clients. Mr. Pritchard is also a certified asbestos inspector and trained microscopist. The experiences gained from working with various federal, state, and local agencies, along with private sectors, have not only provided Mr. Pritchard with knowledge of relevant and applicable environmental laws, protocols, and standard operating procedures (SOP), but also the skill set associated with community involvement.

Before joining Seagull, Mr. Pritchard was a project manager for the EPA Region 7 START 1 contract from 1999 to 2000. From 1998 to 1999, Mr. Pritchard was the environmental coordinator for a private water utility company, where his duties involved establishing a sampling and analysis program to ensure federal and state compliance for the company's 100-plus water systems.

Emergency Response

Mr. Pritchard has participated in over 65 emergency responses in the last 10 years. For those responses, he has assessed multiple situations that have included: counter-terrorism incidents, natural disasters, explosive chemicals, toxic air releases, oil spills, abandoned containers, tire fires, mercury spills, and illegal chemical storage and distribution activities.

In 2007, Mr. Pritchard responded to chemical plant fires in Kansas City, Missouri, and Des Moines, Iowa. Mr. Pritchard coordinated response activities with state and federal emergency responders. Response activities included the collection of real-time air quality data and multi-media samples. Sample results were used to evaluate contaminant exposure levels and the necessity for follow up cleanup activities.

In 2002, Mr. Pritchard responded to a tire fire in Nebraska City, Nebraska, where four grain silos containing recycled rubber tires had caught fire and exploded. During the two-week response, Mr. Pritchard was responsible for documenting site conditions, conducting air sampling and real-time air monitoring, and coordinating the containment, sampling, and disposal of oil and wastewater generated from the ongoing fire-fighting efforts. In addition, Mr. Pritchard corresponded with regulatory authorities from the State of Nebraska and the United States Army Corps of Engineers to ensure compliance with all applicable laws and regulations.

In 2001, he responded to a recycling facility in Macy, Nebraska, where 200 drums and containers had been abandoned. Mr. Pritchard conducted an entry in Level B personal protective equipment (PPE) to inventory and sample the abandoned containers. He performed hazard classification field screening, determined appropriate waste streams, and collected additional samples for waste disposal profiling. The data generated from the response was used to assist EPA and local officials with coordinating proper disposal of the containers.

At the Creighton Chemical site, Mr. Pritchard led emergency response activities to assess numerous containers of degraded cyanide and other poisons formerly used for wildlife and pest control. Mr. Pritchard conducted sampling activities in Level B PPE, air monitoring, field screening of materials using a HazMat ID portable Fourier Transform Infrared (FTIR) spectrometer, and packaging of segregated waste streams for proper disposal.

In 2004, Mr. Pritchard conducted emergency response activities at the Omaha Fireworks site, where 200 pounds of explosive materials were discovered. Mr. Pritchard assisted authorities from EPA; the Bureau of Alcohol, Tobacco, and Firearms (ATF); and the Omaha Sheriff's Department with identifying and segregating compatible chemicals and materials for safe transport and cost-effective disposal.

Since 2000, Mr. Pritchard has responded to more than 30 spills of elemental mercury. Those spills have occurred at residences, schools, hospitals, and commercial businesses. At those sites, Mr. Pritchard performed real-time air monitoring and air sampling to confirm cleanup goals had been achieved, and conducted oversight of cleanup activities to ensure the proper removal of mercury-contaminated materials.

Site Assessments

CERCLA Site Assessments and Removal Site Evaluations

Mr. Pritchard has participated in a wide variety of site assessment activities that have involved the following types of contaminants: fumigants, solvents, wood treatment byproducts, chemical warfare agents, metals, pesticides, herbicides, perchlorate, and wastes derived from Former Manufactured Gas Plants (FMGP).

Mr. Pritchard has managed on-going site assessment activities at the West Highway 6 and Highway 281 site in Hastings, Nebraska. Mr. Pritchard manages a project team that collects quarterly groundwater samples from a network of 30 monitoring wells and monthly collection of samples from the site's soil vapor extraction (SVE) system and groundwater treatment system. Sample data is compiled and evaluated to determine the need for additional assessment work.

Mr. Pritchard managed site assessment, demolition, and removal of entire city blocks (including existing buildings and structures) as part of the City of Kansas City, Missouri, KC Live Project. Management responsibilities included assessment of environmental media, quantification of contamination as well as the coordination of demolition activities and proper disposal of contaminated subsurface soils/media. In addition, on-site project management duties involved oversight of the complete interior gutting and asbestos/mold abatement of a historic downtown theater for future renovation.

Mr. Pritchard managed removal reassessment activities at the Ogallala Groundwater OU2 site. Mr. Pritchard led site activities to reassess a potential source area, which involved the collection of subsurface soil samples to delineate the vertical and horizontal extent of tetrachloroethene-contaminated soil. Analytical results were incorporated into a remedial evaluation report to assist with determining future cleanup activities.

In 2002, Mr. Pritchard led a project team that assessed more than 100 former wood treatment facilities in Missouri. The team evaluated historical information to identify the former sites. Once identified, field team members conducted site visits where information was collected to document current site conditions and potential contamination of environmental media.

Mr. Pritchard managed the Clarke County Pesticide site, where over 250 containers of banned pesticides and herbicides were suspected to have been buried. He conducted sampling of soil, surface water, and groundwater, and coordinated a geotechnical survey to locate the buried materials.

Mr. Pritchard has conducted PA/SIs at numerous Formerly Used Defense Sites (FUDS) in EPA Region 7, including Schilling Atlas sites, Forbes Atlas sites, Lincoln Atlas sites, Garden City Army Airfield, and Ainsworth Army Airfield. At those sites, he managed field teams that collected thousands of multi-media samples (soil, groundwater, surface water, sediment, and air) to provide data necessary for Hazard Ranking System (HRS) scoring.

At the Albert City SBA site in Albert City, Iowa, Mr. Pritchard led field activities that involved sampling drinking water wells, monitoring wells, storm sewers, soil, and indoor air for volatile organic compounds (VOC). The data were incorporated into a RSE report to assist EPA with evaluating the need for further Superfund response at the site.

At numerous START sites across EPA Region 7, Mr. Pritchard has conducted sampling of ambient air, indoor air, and soil gas to evaluate potential threats to human health from vapor intrusion via contaminated soil and groundwater.

Targeted Brownfields Assessments

Under the EPA Region 7 START, TA, and Mini-START contracts, Mr. Pritchard has managed or participated in over 30 TBAs (including Phase I and Phase II Environmental Site Assessments [ESA] and Brownfields Inventory Assessments), including the Lakeside Salvage site, American Recycling site, Bonne Terre Mining site, and Waterloo Dry Cleaner site. In 2004, Mr. Pritchard managed a TBA at the Springfield FMGP site, where multi-media samples were collected to assess contamination associated with the former FMGP, which operated at three separate locations. The site involved coordination with federal, state, and local officials, as well as private entities.

Removal Actions

Mr. Pritchard was the project manager at the Prime Western Smelter site in Gas, Kansas, where 100,000 cubic yards of lead-contaminated soil was removed. Mr. Pritchard led a field team that characterized the 100-acre site for lead-contaminated soil using a Niton x-ray fluorescence (XRF) spectrometer. During the removal activities, Mr. Pritchard coordinated excavation activities, conducted air sampling to ensure the public was not exposed to fugitive releases of lead-contaminated dust, and verified the achievement of cleanup goals following excavation.

In Omaha, Nebraska, Mr. Pritchard managed the Former Lorenz Chemical site, which included a RSE and subsequent removal action. During the RSE, Mr. Pritchard utilized direct-push technology to delineate the vertical and horizontal extent of contaminated soil. Based on those results, 4,000 tons of pesticide-contaminated soil was excavated during a subsequent removal action. During the removal activities, he operated six high-volume PS-1 air samplers around the site perimeter to assess threats to human health and the environment posed by the removal activities. In addition, Mr. Pritchard monitored the work of site contractors to ensure cost effectiveness, timeliness, and compliance with contract specifications.

In Carthage, Missouri, he managed the Show Me Chrome site, where 3,000 gallons of plating-related wastes were removed for proper disposal. Mr. Pritchard characterized the plating wastes and conducted oversight on the safe and proper removal of the wastes for transfer to a disposal facility.

At the lead-contaminated Lohman Property site in Peoria, Kansas, he compiled subsurface sampling data based on Niton XRF screening for lead in soils. The data were used to plan for the removal of 1,000 tons of lead-contaminated soil from the site.

Mr. Pritchard managed the Ava Chlordane site, where chlordane had been sprayed in an occupied duplex residence. He collected air and dust/wipe samples from the residence to evaluate threats posed to the residents. Sampling data were also utilized to assist EPA with establishing cleanup levels. Removal activities involved a complete interior cleaning and encapsulation of the residence, followed by air sampling to confirm achievement of the cleanup levels.

Mr. Pritchard managed the removal of mercury-contaminated material from several residences in Missouri Valley, Iowa, where over 10 pounds of elemental mercury had been spilled. His responsibilities included documentation of the cleanup activities, which involved the removal of carpet, flooring, wood decking, concrete, and personal items. In addition, Mr. Pritchard collected samples of the waste streams for evaluating disposal options.

Preparedness and Prevention

Homeland Security

Mr. Pritchard has been trained on numerous issues associated with large-scale Homeland Security-related incidents, including counter-terrorism. He has received extensive training for response to incidents involving nuclear, biological, and chemical warfare agents. In addition, Mr. Pritchard has received advanced-level training on the Incident Command System (ICS).

Mr. Pritchard has been a participant in several EPA-sponsored exercises involving emergency responses to chemical, biological, and radiological incidents. In 2004, at the large-scale EPA Region 7 exercise entitled "Ruby Slippers", Mr. Pritchard was a hazardous materials expert on a field team comprised of EPA radiation personnel. He was tasked to identify hazardous materials, particularly those presenting a radiation threat, which could endanger human health and the environment. Mr. Pritchard utilized real-time air monitoring equipment and a personal data assistant (PDA) to record air monitoring results and transfer the information to the Command Post to enable rapid display of the data.

Mr. Pritchard was a member of the exercise development team that created and implemented a 3-day exercise to evaluate the state of Missouri's response capabilities to a catastrophic earthquake. Mr. Pritchard developed exercise documents including player handbooks and the exercise plan. In addition, Mr. Pritchard served as a controller/evaluator for the functional exercise. Lessons and insight gathered from the exercise were compiled in an after action report to be used to facilitate change/improvement in the state's response strategies/capabilities.

Other Technical Support

Federal Disaster Support

In 2008, Mr. Pritchard managed START field teams that responded to large-scale natural disasters in Iowa. START assistance was provided to EPA at the Parkersburg Tornado site and the Iowa Flooding Event. In particular, Mr. Pritchard managed START field teams that conducted daily air sampling and monitoring for asbestos and particulates in six Iowa cities that were impacted by the natural disasters.

In 2007, Mr. Pritchard led EPA Region 7 START contractors in response to an EF-5 tornado that destroyed Greensburg, Kansas. Mr. Pritchard led a multi-disciplinary team of emergency responders and technical support personnel that provided services to local, state, and federal entities. Initial response activities included, but were not limited to, conducting air monitoring throughout the City and providing technical assistance and oversight during the response to releases and potential releases of hazardous materials. In response to the tornado-related damage and the recovery assistance required, FEMA tasked EPA with an ESF-10 mission assignment. Mr. Pritchard managed the ESF-10 mission assignment activities that addressed recovery and proper handling/disposal of HHW and white goods, assessment and removal of PCB-contaminated media related to tornado-damaged electrical transformers (including characterization of damaged transformers), and collection of multi-media samples (as needed) to ensure protection of human health and the environment. Specific ESF-10 site activities included collection of soil samples from staging and disposal areas prior to their use for cleanup activities to determine baseline concentrations; real-time air monitoring for particulates and other contaminants; air sampling for site-related contaminants (asbestos, metals, and PAHs); and collection of bulk samples from structural and demolition debris for asbestos analysis to determine safe demolition techniques. Additional ESF-10 activities included an assessment of the City's power grid to identify and characterize transformer oil spills at areas potentially contaminated with PCBs, excavation of PCB-contaminated soil associated with those spills, and characterization of the recovered transformers to determine disposal/recycling options.

In 2006, Mr. Pritchard supported EPA Region 4 in the response to Hurricane Katrina. In the hurricane-devastated areas of coastal Mississippi, Mr. Pritchard conducted reconnaissance of flooded areas for hazardous materials. He identified "orphan" containers of hazardous materials and monitored retrieval of the materials to central staging areas for characterization.

Spill Prevention, Control, and Countermeasure Inspections

Mr. Pritchard was the project manager for START field teams that assisted EPA in conducting SPCC inspections of facilities and plans. His responsibilities were to correspond with EPA to determine the level of effort needed to complete the required inspections over a short time period, coordinate field teams, provide equipment and supplies necessary to fulfill inspection requirements, and complete post-inspection reports.

Air Quality Studies

Mr. Pritchard has conducted ambient air monitoring and sampling at numerous hazardous waste sites involved with removal activities and site assessment investigations. For the Region 7 START contract, Mr. Pritchard has been responsible for the maintenance and calibration of PS-1 high-volume samplers and low-

volume personal sampling pumps. In addition, Mr. Pritchard has developed air monitoring and sampling work plans and trained START members on proper procedures for conducting air quality investigations.

EMPLOYMENT HISTORY

Seagull Environmental Technologies, Inc., Overland Park, Kansas, Environmental Scientist, 2001 to Present.

Ecology and Environment, Inc., Overland Park, Kansas, Environmental Scientist, 1999 to 2001.

U.S. Utilities, Inc., Valdosta, Georgia and Columbia, South Carolina, Environmental Coordinator, 1998 to 1999.

Environmental Specialist, Douglas, Georgia, Environmental Scientist, 1997 to 1998.

TRAINING

40-Hour Hazardous Waste Operations Training, Buffalo, New York, 1999

8-Hour Refresher Training, Overland Park, Kansas, Annually from 1999 to Present

Regional Hazardous Material Transportation (DOT), Buffalo, New York, 1999

Incident Command Level Training for Nuclear, Biological, and Chemical Emergency Responder, Kansas City, Kansas, 2001

EPA Advance Radiation Response Training, Kansas City, Kansas, 2004

SCBA Operation and Maintenance Training, Lenexa, Kansas, 2002

ER/CT Response Training, Lenexa, Kansas, 2004

Field Documentation Training, Lenexa, Kansas, 2004

Niton Spectrometer Analyzer Radiation Safety Training, Kansas City, Kansas, 2004

Field Screening Technologies, Lenexa, Kansas, 2004

Level A Personal Protective Equipment Response, Lenexa, Kansas, 2001

Clandestine Methamphetamine Laboratory Response Training, Ames, Iowa, 2001

Confined Space Entry and Rescue Training Course, Lenexa, Kansas, 2001

Freshwater Oil Spill Symposium, New Orleans, Louisiana, 2004

SENSIR HazMatID, Overland Park, Kansas, 2004

Air Monitoring for Hazardous Materials, Ft. Leavenworth, Kansas, 2003

Incident Command System, Basic I-200 for Federal Disaster Workers, Lenexa, Kansas, 2004

Incident Command System, I-300, Duluth, Georgia, 2005

Scribe Database Training, Lenexa, Kansas, 2004

Hazard Ranking System Training, Kansas City, Kansas, 2005

NIOSH 582 Microscopy, Lawrence, Kansas, 2006

AHERA Asbestos Inspector Training, Lawrence, Kansas, 2006

Incident Command System, I-400, Kansas City, Missouri, 2008



JOEL R. HARVESTER
Environmental Scientist

SPECIALTIES

- Targeted Brownfields Assessments
- Removal Site Evaluations
- CERCLA Site Assessments

EDUCATION

- B.A., Environmental Studies, University of Kansas, Lawrence, Kansas
- B.A., Fine Arts, University of Kansas, Lawrence, Kansas

RELEVANT EXPERIENCE

Mr. Harvester serves as an Environmental Scientist for Seagull Environmental Technologies, Inc. Under the EPA Region 7 mini-Superfund Technical Assessment and Response Team (mini-START) contract, Mr. Harvester has managed several Targeted Brownfields Assessment (TBA) projects in Nebraska. Those TBAs have involved completing Phase I and Phase II Environmental Site Assessments (ESA). For those projects, he conducted background research and interviewed involved parties to identify potential contamination at the sites. TBAs are conducted at properties that are abandoned, idled, or otherwise unused, where redevelopment and/or expansion has been complicated by environmental contamination that is either real or perceived. Brownfields sites may also represent an economic or social threat, since they prevent development and therefore stifle local economies.

Mr. Harvester has also developed Quality Assurance Project Plans (QAPP) for submittal to EPA to document planning, implementation, and assessment procedures for field projects. These QAPPs have documented all site-specific quality assurance and quality control activities required to meet the data quality objectives.

In addition, Mr. Harvester has experience as a Geographic Information System (GIS) Technician and Field Assistant for the Kansas Biological Survey (KBS), and a Research Associate for the Great Basin Institute. As a GIS Technician, Mr. Harvester was responsible for mapping the Tallgrass Prairie in Strong City, Kansas, and the Homestead National Monument in Beatrice, Nebraska. He also mapped parts of the Gila River in New Mexico for the National Audubon Society. While a member of the KBS Applied Science and Technologies for Reservoir Assessment (ASTRA) Team, he generated figures for several reservoirs throughout Kansas. As a Field Assistant, Mr. Harvester participated in a 5-year prairie regeneration study and multiple sediment surveys throughout Kansas. He was responsible for species recognition and stem counts of over 50 types of prairie plants, as well as operating a sediment boring machine for sediment sample collection. As a Research Associate, Mr. Harvester was involved in a 25-year study of the threatened Desert Tortoise (*Gopherus agassizii*) population and their migration patterns. He was responsible for species identification, recording information for statistical evaluation, and tagging activities.

EMPLOYMENT HISTORY

Seagull Environmental Technologies, Inc., Overland Park, Kansas, Environmental Scientist, September 2009 to Present.

Great Basin Institute, Las Vegas, Nevada, Research Associate, March 2009 to June 2009.

Kansas Biological Survey, Lawrence, Kansas, GIS Technician and Field Assistant, March 2008 to January 2009.

TRAINING

40-Hour Hazardous Waste Operations Training, Overland Park, Kansas, 2009

CPR and First Aid Certification, Kansas City, Kansas, 2009

Wilderness First Aid Certification, Las Vegas, Nevada, 2009



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