PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

PROPOSED DEVELOPMENT
EAST BROADWAY BOULEVARD
SEDALIA, MISSOURI 65301



Prepared For:
Mr. Kelvin Shaw
City of Sedalia
200 South Osage Avenue
Sedalia, Missouri 65301

APEC Project No.: 2024-518

March 10, 2025

AP Engineering & Consulting, Inc.
6135 West 400 North
Greenfield, Indiana 46140
Phone: 317-436-7529

March 10, 2025

Mr. Kelvin Shaw
City of Sedalia
200 South Osage Avenue
Sedalia, Missouri 65301

Re: Phase I Environmental Site Assessment
Proposed Development
East Broadway Boulevard
Sedalia, Missouri 65301
APEC Project No.: 2024-518

AP Engineering and Consulting, Inc. is pleased to submit our report describing the findings of the Phase I Environmental Site Assessment (Phase I ESA) for the above-referenced site. This assessment was prepared in general accordance with the American Society of Testing and Materials (ASTM) *Standard Practices for Environmental Site Assessments: Phase I ESA Process* (ASTM Designation: E1527-21).

The purpose of the Phase I ESA was to gather information to render an independent professional opinion about the environmental condition of the referenced Property. This assessment included a review of available historic documents, a site reconnaissance, interviews with knowledgeable persons, and research of regulatory agency databases.

If you have questions or require further clarification of the report findings, please contact the undersigned at your convenience. Thank you for the opportunity to assist you on this project.

Sincerely,
AP Engineering and Consulting, Inc.

Allison Schmitt
Project Manager

Cameron Abbott, CHMM
Director of Operations

Enclosure

SUMMARY OF FINDINGS

Assessment Criteria	On-Site Findings		Off-Site Findings		Comments & Considerations
Recognized Environmental Conditions (RECs)	Yes ☒	No ☐	Yes ☐	No ☒	There is known contamination on the Property.
Historical RECs (HRECs)	Yes ☒	No ☐	Yes ☐	No ☒	There was a past LUST incident that has been addressed.
Controlled RECs (CRECs)	Yes ☒	No ☐	Yes ☐	No ☒	A soil restriction is currently present on the deed of the Property.
Business Environmental Risks (BERs)	Yes ☐	No ☒	Yes ☐	No ☒	No non-CERCLA risks identified
Vapor Encroachment Risk	Yes ☐	No ☒	Yes ☐	No ☒	No vapor intrusion concerns per ASTM E2600-15 screening
Limited Subsurface Investigation (LSI) Required?	Yes ☐	No ☒	Yes ☐	No ☒	No significant findings requiring further subsurface testing
Per ASTM E1527-21, a Phase I ESA Update will be required if the Subject Property has not been acquired by the User by:					July 30, 2025
Per ASTM E1527-21, this Phase I ESA will expire on:					Janury 30, 2026

Out of Scope Considerations				
Assessment Criteria	**On-Site Findings**			**Comments & Considerations**
Asbestos-Containing Materials (ACMs)	Present ☐	Absent ☐	Not Assessed ☒	There are no onsite buildings with the potential to contain ACM
Lead-Based Paint (LBP)	Present ☐	Absent ☐	Not Assessed ☒	There are no buildings onsite with the potential to contain LBP
Mold / Indoor Air Quality	Present ☐	Absent ☐	Not Assessed ☒	There are no buildings onsite with the potential to contain mold or poor indoor air quality
Radon	Present ☐	Absent ☐	Not Assessed ☒	Subject Property is in EPA Radon Zone 2 (moderate risk)
Property Condition Assessment (PCA)	Issued ☐	Not Conducted ☒		A PCA can assess structural, mechanical, and roof conditions
Geotechnical Exploration	Issued ☒	Not Conducted ☐		A Geotechnical Exploration Report was issued under a separate cover

AP Engineering and Consulting, Inc. can assist with any of the above recommended out-of-scope services. For more information or to discuss next steps, please contact us at 317-436-7529.

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EXECUTIVE SUMMARY

Mr. Kelvin Shaw of City of Sedalia (also referred to in this report as "the Client," or "User") engaged AP Engineering & Consulting, Inc. (**APEC**) to conduct a Phase I Environmental Site Assessment (Phase I ESA) of the vacant land located approximately 280 feet west of the intersection of East Broadway Boulevard and Hancock Avenue, on the north side of Broadway Boulevard, in Sedalia, Missouri, which is subsequently referred to in this summary as "Subject Property", "Site", or "Property". This assessment was prepared in general accordance with the American Society of Testing and Materials (ASTM) *Standard Practices for Environmental Site Assessments: Phase I ESA Process* (ASTM Designation: E1527-21). Exceptions to this practice are described in Section 1.4 of this report. **APEC's** assessment of the Subject Property is summarized below with additional information provided in the body of the report.

The purpose of the Phase I ESA was to identify potential sources of environmental risk or liability (a.k.a. recognized environmental conditions, or RECs) for the Subject Property. This assessment included a site reconnaissance, research of available regulatory agency databases, and interviews with person(s) knowledgeable about the Subject Property.

The Subject Property is located approximately 280 feet west of the intersection of East Broadway Boulevard and Hancock Avenue, on the north side of Broadway Boulevard, in Sedalia, Missouri. The Subject Property is approximately 15 acres in area and currently contains mostly vacant grassland.

The site reconnaissance was performed on January 30, 2025 by a representative of **APEC**. Evidence of potential releases of hazardous substances or petroleum products, beyond *de minimis* conditions, on the Subject Property or adjoining properties was not observed during the site reconnaissance.

Some data gaps, database failures, or limitations were encountered during this assessment:

- Aerial photograph database coverage was not available prior to 1950.
- There were gaps in aerial photograph database coverage from 1950 to 1972 and 1990 to 2000.

A significant data gap, database failure, or limitation is defined as one that affects the ability of the environmental professional to identify a REC. The above listed limitations are considered insignificant and did not alter **APEC's** ability to identify RECs.

Conclusions

- Based on the information gathered and on observations made during this investigation, the Phase I Environmental Site Assessment has revealed evidence of one on-site recognized environmental condition (REC), one historical REC (HREC), and one controlled REC (CREC) associated with the Subject Property.
    - Old Sutherlands Lumber previously operated on the Subject Property. According to the Sanborn maps, multiple filling stations and oil companies operated on the southern portion of the Subject Property from at least 1925 to the 1990s. Additionally, a railyard was located on the Property from at least 1888 to 2000. **APEC** was provided with previous Phase I and Phase II ESA reports for the Site which discuss multiple environmental investigations at the Site where soil and groundwater samples were collected. During the initial

investigations in March 2009, four soil borings were advanced to a depth of approximately 9 to 20 feet below ground surface on the southern portion of the Property where the former oil companies and filling stations operated. Additionally, ten surface soil samples were collected across the Site from the 0–1-foot interval. Lead and arsenic soil contamination was encountered in several surface soil samples across the Site. Low level petroleum contamination above the residential MDNR screening level was encountered in two of the soil samples from the soil borings, however, the report concludes this contamination is not an issue for non-residential usage. Groundwater lead contamination was encountered in three of the soil borings exceeding the applicable screening level. Groundwater was not encountered in the other soil boring. The March 2009 Phase II concludes 1) shallow metal contamination across the Site should remain covered and should remain undisturbed until a plan to prevent exposure is made and 2) recommended that the city place a groundwater use restriction on the chain of title that prohibits private groundwater use since groundwater contamination is present at the Site.

The Missouri Department of Natural Resources (MDNR) issued a letter following the initial Phase II investigation after the Site had entered into the Brownfields program. The MDNR recommended 1) the Site not be used for residential purposes without additional cleanup, 2) surface soils (0-12") across the Site contain metal contamination, therefore the city should incorporate revegetation, paved parking areas, building floors, etc. to reduce human exposure to metals, and 3) a groundwater use restriction should be placed on the deed given the presence of lead contamination.

In May 2009, an additional investigation was conducted at the Site to determine the extent of metal soil contamination. Twenty-eight surface soil samples were collected across the Site around the previous samples that exceeded the MDNR screening levels. The extent of metal contamination was determined, and the report concluded that the surface soil should not be distributed in the areas where metal contamination is present without a plan to prevent exposure to this contamination. The approximate location of the surface soil contamination is shown on Figure 1. Given the known presence of soil and groundwater contamination on the Subject Property, **an onsite REC is identified**.

On February 9, 2021, the City purchased the Property, and an environmental restriction was placed on the deed. The restriction is as follows: The Property must not be used for (i) residential, (ii) lodging or accommodations (including, without limitation, hotels, motels, boarding houses, dormitories, hospitals, nursing homes, or retirement centers), or (iii) educational or child-care facilities (including, without limitation, schools, kindergartens, or day-care centers). A copy of the deed with the restriction is provided in Appendix L. Given an environmental restriction is present on the Subject Property, an **onsite CREC is identified**.

- Union Pacific/Hudson Oil Co previously operated on the south side of the Subject Property. Hudson Oil Co previously operated a filling station and oil company. A release was reported at the facility in 1990 when two Underground Storage Tanks (USTs) were removed from the Site. Multiple environmental investigations occurred at the Site and multiple monitoirng wells were installed.

After excavation at the Hudson Oil Co portion of the Site, soil and groundwater contaminant levels were reduced below the applicable screening levels at the time of sampling. A closure letter was issued for the Hudson Oil Co from the MDNR on November 18, 1999 stating no additional investigation or remediation is required. Given the historical petroleum release has been addressed to the satisfaction of the regulatory agency, **an onsite HREC is identified.**

- Based on the information gathered and on observations made during this investigation, the Phase I Environmental Site Assessment has not revealed evidence of off-site recognized environmental conditions (RECs), historical RECs (HRECs), or controlled RECs (CRECs) associated with adjacent or nearby properties.

1.0 INTRODUCTION

Mr. Kelvin Shaw of City of Sedalia (also referred to in this report as "the Client," or "User") engaged AP Engineering & Consulting, Inc. (**APEC**) to conduct a Phase I Environmental Site Assessment (Phase I ESA) of the vacant land located approximately 280 feet west of the intersection of East Broadway Boulevard and Hancock Avenue, on the north side of Broadway Boulevard, in Sedalia, Missouri, which is subsequently referred to in this summary as "Subject Property", "Site", or "Property". This assessment was prepared in general accordance with the American Society of Testing and Materials (ASTM) *Standard Practices for Environmental Site Assessments: Phase I ESA Process* (ASTM Designation: E1527-21).

1.1 Purpose

The purpose of the Phase I ESA was to identify potential sources of environmental risk or liability (a.k.a. recognized environmental conditions, or RECs) in, on, or at the Subject Property. Potentially identified RECs may include historic RECs (HRECs), which are RECs where regulatory clean-up has occurred to the extent that the use of the affected Property is not restricted; and controlled RECs (CRECs), which are RECs where regulatory clean-up has occurred, but Property usage remains restricted with either activity and use limitations or other property use limitations. Either of these situations may still be considered RECs and, if present, will be discussed in the appropriate sections of this report and in the "Conclusions" section. This Phase I ESA included a site reconnaissance and research of regulatory agencies databases.

1.2 Scope of Services

The scope of work for this assessment was conducted in general accordance with the ASTM Standard *Practices for Environmental Site Assessments: Phase I ESA Process* (ASTM Designation: E1527-21). These methodologies are described as representing standard commercial and customary practice for conducting a Phase I ESA of a Property for the purpose of identifying recognized environmental conditions in this region.

1.3 Significant Assumptions

While this report provides an overview of potential environmental concerns, both past and present, the environmental assessment is limited by the availability of information at the time of the assessment. It is possible that unreported disposal of waste or illegal activities impairing the environmental status of the Property may have occurred which could not be identified. The conclusions and recommendations regarding environmental conditions that are presented in this report are based on a scope of work authorized by the Client. Note, however, that virtually no scope of work, no matter how exhaustive, can identify all contaminants or all conditions above and below ground.

1.4 Limitations and Exceptions

This report has been prepared in accordance with generally accepted environmental methodologies referred in ASTM E1527-21 guidance documents and contains the limitations inherent in these methodologies. No other warranties, expressed or implied, are made as to the professional services provided under the terms of our contract and included in this report. The conclusions of this report are based, in part, on the information provided by others. The possibility remains that unexpected environmental conditions may be encountered at the site in locations not specifically investigated or visible at the time of the site reconnaissance. Should such an event occur, **APEC** must be notified so that we may determine if modifications

to our conclusions are necessary.

The services performed and outlined in this report were based, in part, upon visual observations of the site and attendant structures, if any. Our opinion cannot be extended to portions of the site that were unavailable for direct observation, or reasonably beyond the control of **APEC**.

The objective of this report was to assess environmental conditions at the Subject Property, within the context of our contract and existing environmental regulations within the applicable jurisdiction. Evaluating compliance of past or future owners with applicable local, state and federal government laws and regulations was not included in our contract for services.

Our observations relating to the condition of environmental media at the site are described in this report. It should be noted that compounds or materials other than those described could be present in the site environment.

In preparation of this Phase I ESA, some data gaps, database failures, or limitations were encountered during this assessment:

- Aerial photograph database coverage was not available prior to 1950.
- There were gaps in aerial photograph database coverage from 1950 to 1972 and 1990 to 2000.

A significant data gap, database failure, or limitation is defined as one that affects the ability of the environmental professional to identify a REC. The above listed limitations are considered insignificant and did not alter **APEC's** ability to identify RECs.

1.5 User Reliance

This investigation was conducted on behalf of City of Sedalia. This entity may rely on this report in evaluating the Subject Property and its development. Reliance on the information and conclusions in this report by any other persons or entities is not authorized and this report and the findings contained herein, shall not, in whole or part, be disseminated or conveyed to, or used by, other parties without the prior written consent from City of Sedalia and **APEC**.

2.0 SITE DESCRIPTION

2.1 Location and Legal Description

The Subject Property is located approximately 280 feet west of the intersection of East Broadway Boulevard and Hancock Avenue, on the north side of Broadway Boulevard, in Sedalia, Missouri. The Subject Property is approximately 15 acres in area and currently contains vacant grassland. The Subject Property is identified in Pettis County records as parcel numbers 152003301006000 and 152003301003000. The northern portion of the 152003301006000 Subject Property parcel and a small portion on the south portion of the 152003301006000 parcel are not part of the Subject Property for this Phase I ESA report. Figure 1 displays a site map of the Subject Property and the surrounding properties. A copy of the property card containing a brief legal description is provided in Appendix A.

2.2 Current Property Use

The Property contains mostly vacant grassland.

2.3 Structures and Improvements

There are no structures present on the Subject Property.

The Property is accessed from the south along East Broadway Boulevard and from the north along East 5th Street.

2.4 Adjoining Property Use

The current adjoining property uses are:

North:	East 5th Street followed by vacant land and Gill Signs
East:	Sedalia Fire Department, Thrift Store, Taco Bell, and two other commercial properties
South:	East Broadway Boulevard followed by residential properties and Greg's Auto Sales
West:	Residential properties and a bicycle shop

The following RECs or potential RECs were noted for the adjoining properties during the site reconnaissance:

North:	None
East:	None
South:	None
West:	None

3.0 USER PROVIDED INFORMATION

3.1 Title Records

A review of the chain-of-title information was not part of the scope of work for this assessment.

3.2 Environmental Liens or Activity and Use Limitations

Environmental liens, activity/use limitations (AULs), and/or institutional/engineered controls can be indicators of current or historical environmental impact on a property. It is the User's responsibility to provide **APEC** with information pertaining to environmental liens or AULs. The User and Owner indicated on the environmental questionnaires that there is an Environmental Covenant present on the Subject Property. The Restrictive Covenant restriction is as follows:

(a) The Property must not be used for (i) residential, (ii) lodging or accommodations (including, without limitation, hotels, motels, boarding houses, dormitories, hospitals, nursing homes, or retirement centers), or (iii) educational or child-care facilities (including, without limitation, schools, kindergartens, or day-care centers).

A copy of the deed with the restriction is provided in Appendix L. In 2009, the MDNR recommended a groundwater use restriction be placed on the deed of the Subject Property; however, the Owner and User of this Phase I ESA do not believe that there has been a groundwater restriction placed on the deed. **APEC** did not find evidence of a groundwater restriction present on the Subject Property.

3.3 Specialized Knowledge

The User indicated on the environmental questionnaire that the Property was formerly used by the railroad and provided previous environmental reports identifying contamination on the Property.

3.4 Evaluation of the Relationship of the Purchase Price to the Value of the Subject Property if the Subject Property was Not Contaminated

The User indicated on the environmental questionnaire that the purchase price of the Subject Property reflects the fair market value. However, the property is not being sold. The property is in the pre-development phase.

3.5 Owner, Property Manager, and Occupant

According to public domain resources, the current owner of the Subject Property real estate is City of Sedalia. The Property is currently unoccupied, vacant grassland.

3.6 Commonly Known or Reasonably Ascertainable Knowledge

APEC requested any commonly known or reasonably ascertainable information about the Property from the User. The User indicated on the environmental questionnaire that the Property was formerly used by the railroad and provided previous environmental reports identifying contamination on the Property.

3.7 Reason for Performing Phase I ESA

The Phase I ESA was prepared by **APEC** at the request of Mr. Kelvin Shaw of City of Sedalia. This Phase I ESA was requested to assist in the evaluation of the Subject Property's overall developmental potential and prior usage, and to perform the due diligence necessary to establish the bona fide prospective purchaser defense to liability under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

3.8 Prior Environmental Reports

APEC was provided with several previous environmental reports for the Subject Property and the east adjoining property. A Phase I ESA report dated December 5, 2008, a Phase II ESA report dated March 2009, and a Phase II ESA update dated May 2009 were provided for the parent parcel of the Subject Property. Two onsite RECs were identified in the Phase I associated with four oil companies and a coal company that previously operated on the southern portion of the parent parcel (including one oil company on the east adjoining property) and historic use of the parent parcel as a rail transportation site. A Phase II was recommended at the parent parcel of the Subject Property to determine if contamination was present. During the Phase II investigation, four soil borings were advanced on the Subject Property near where the former gas stations operated, and several surface samples were collected from the Site. Eight soil samples and three groundwater sample were collected from the soil borings. Additionally, twelve surface soil samples were collected around the Site. Lead and arsenic soil contamination was encountered in several surface soil samples across the Site. Low level petroleum contamination above the residential MDNR screening level was encountered in two of the soil samples from the soil borings, however, the report concludes this contamination is not an issue for non-residential usage. Groundwater lead contamination was encountered in three of the soil borings exceeding the applicable screening level. The Subject Property's historic usage as a gas station and railyard is further discussed in Section 4.2.2 of this report. During the Phase II update performed in May 2009, additional surface soil samples were collected from the Site to determine the levels of lead and arsenic in the surface soil across the Site. The Phase II update report concludes that arsenic surface soil contamination is present on the northern and central parts of the Site. Isolated lead

contamination is present on the southern portion of the Site. The previous environmental reports are provided in Appendix L.

The remaining provided reports were associated with the Former Hudson Oil Company (651 East Broadway). A release was reported at the facility in 1990 when two USTs were removed from the Site. Multiple environmental investigations occurred at the Site and multiple monitoirng wells were installed. After soil excavation at the Former Hudson Oil Company portion of the Site, soil and groundwater contaminant levels were reduced below the applicable screening levels at the time of sampling. A closure letter was issued for the Hudson Oil Co from the MDNR on November 18, 1999 stating no additional investigation or remediation is required. The previous environmental reports are provided in Appendix L.

3.9 Vapor Encroachment Screening

A vapor encroachment condition (VEC) screening search was conducted utilizing the Environmental Data Resources® (EDR) environmental database reports. Vapor encroachment occurs when volatile organic compounds (VOCs) or other hazardous vapors migrate from a contaminated site through the soil or groundwater and impact the Subject Property. A VEC for the Subject Property is considered unlikely based on the following reasons:

- During the previous investigations at the Site, VOCs were reported below commercial screening levels.
- The closest active facility with the potential to produce vapor contaminants of concern is the Woods Express gas station located approximately 430 feet east of the Subject Property.
- No known LUST facilities were identified within the ASTM-recommended ½-mile search radius that are likely to impact the Subject Property.
- No current or historic drycleaners were identified within ¼-mile search radius.

This vapor migration screening was conducted in general accordance with ASTM E1527-21 and is not intended to satisfy the requirements of ASTM E2600-15. The scope of this screening was limited to visual observations and review of the environmental database reports and did not include the collection and laboratory analysis of air samples to confirm or refute the presence of airborne contaminants by vapor intrusion.

3.10 Other

No other information was provided.

4.0 RECORDS REVIEW

4.1 Historical Use Information

ASTM E1527-21 requires a minimum of four historical resources to be reviewed in order to determine past uses of the Subject Property and adjoining properties that could lead to identifying a REC. Historical use information describing the Subject Property and surrounding properties was obtained from a variety of sources, where available, including aerial photographs, city directories, historic topographic maps, Sanborn Fire Insurance Maps, and the EDR Radius Map. This information is summarized in the following sections.

4.1.1 City Directory

Several city directories between the years 1960 and 2020 were reviewed for listings concerning the Subject Property. The Subject Property does not currently have a listed address. The Subject Property has had multiple historical addresses of at least the following: 601, 613, 629, 635, 641, and 651 Broadway Boulevard. The Subject Property is listed as various oil companies and filling stations in the 1960 through 1987 directories. The Subject Property was not listed in the other reviewed directories. The city directories were also generally searched for listings of concern with the potential to negatively affect the Subject Property. Listings of concern in the near vicinity of the Subject Property with the potential to negatively affect the Subject Property were discovered by the search and are further discussed in section 4.2.2 of this report. A copy of the EDR City Directories verifying these findings is provided in Appendix B.

4.1.2 Aerial Photographs

Historical aerial photographs dating back to the 1930s are often available from local and federal government sources and from the internet. A historical aerial photograph search was performed by EDR. A search of various internet sources of aerial photography was also performed by **APEC**. Aerial photographs of the Subject Property were reviewed for indications of previous uses. Aerial photographs were not found prior to 1950. The results of the aerial photograph review are summarized in the following table.

Year	Scale	Subject Property	Surrounding Vicinity
1950	1” = 500’	Multiple structures present on the southern portion of Subject Property	East Broadway Boulevard present to the adjoining south; residential and commercial properties in the vicinity
1972	1” = 500’	Reconfiguration of Subject Property; Three commercial structures present	Commercial development to the adjacent east; Commercial development to the adjoining west
1977	1” = 500’	Additional commercial structure present	Similar to 1972 photograph
1980 1986 1990 2000	1” = 500’	Similar to 1972 photograph	Similar to 1972 photograph
2006	1” = 500’	Removal of commercial structures	Similar to 2000 photograph
2009 2012 2016 2020	1” = 500’	Similar to 2006 photograph	Similar to 2006 photograph

The reviewed aerial photographs suggest the Subject Property contained multiple commercial structures from at least 1950 until sometime between 2000 and 2006 when the structures were demolished. The reviewed aerial photographs suggest the Subject Property has been vacant land since at least 2006. Residential development in the vicinity of the Property began prior to 1950. Commercial development in the vicinity of the Property began sometime prior to 1950 and continued gradually into the 2020s. Copies of the above-referenced aerial photographs are provided in Appendix C.

4.1.3 Sanborn Fire Insurance Maps

Fire insurance maps are used to determine fire hazards and were produced for most urban areas since the late 1800s. The Sanborn Library collection has been searched by EDR and revealed eight fire insurance maps covering the vicinity of the Subject Property (1888, 1892, 1898, 1908, 1914, 1925, 1948, and 1963). A summary of the reviewed Sanborn maps is outlined in the below table. The results of EDR's Sanborn Library search is documented in Appendix D.

Sanborn Map Year	Subject Property Uses	Surrounding Vicinity
1888	Two dwellings on the west side; railyard occupying majority of the Property with railroad turntables, coal bins, oil storage, machine shops, etc.	East Broadway Boulevard present to the adjoining south; Dwelling present to the adjoining west and adjacent north;
1892	Additional lumber sheds constructed	Similar to 1888 map
1898	Similar to 1892 map	Similar to 1892 map
1908	Majority of railroad and commercial structures demolished; Steam and Electric Co on the south side of Property	Similar to 1898 map
1914	Additional structures demolished	Similar to 1908 map
1925	Two oil companies present on south portion of Property	Southern dwellings replaced with powerhouse; Dwellings present to the adjacent south
1948	Additional filling station and oil companies present on the southern portion of Property	Oil company and filling station present to the adjoining east
1963	Similar to 1948 map	Similar to 1948 map

Multiple filling stations and oil companies are shown on the Subject Property and are further discussed in Section 4.2.2 of this report. A filling station with USTs and ASTs is shown in multiple maps to the adjoining east (identified as William Hanning in Section 4.2.2).

4.1.4 Historical Topographic Maps

Nine historical *Sedalia East, MO 7.5-minute Series* and/or *Sedalia, MO, AR 30-minute series Quadrangle* topographic maps (1887, 1894, 1944, 1946, 1973, 1980, 2014, 2017, and 2021) were reviewed. However, limited information, such as the general property usage, number of buildings onsite and the general site geography and topography, were available. Three structures are shown on the Subject Property in the 1973 map. No structures are shown on the Subject Property in the other reviewed topographic maps, however, given the developmental density of the surrounding area, not all individual structures are shown on the reviewed topographic maps. Individual structures are not shown on the 2014, 2017, and 2021 topographic maps. Copies of the historical topographic maps are included as Appendix E.

4.1.5 Historical Use of Adjoining Properties

The historical uses of adjoining properties to the Subject Property were researched using the

standard historical sources noted above (aerial, Sanborn, and topographic maps were used to determine development and directories to estimate usage). The north adjoining property multiple residential properties and East 5th Street followed by residential properties since at least 1888. At least two of the properties were converted to commercial usage by 1948. The east adjoining properties were mostly vacant land with one commercial structure from at least 1988 and by 1948 additional commercial structures were constructed. By 2000, the majority of the east adjoining properties are shown in their present-day commercial configuration. The southeast adjoining property was developed with a Taco Bell in 2024. East Broadway Boulevard has been present to the adjoining south since at least 1888. The south adjacent properties, following East Broadway Boulevard, have contained residential and commercial structures since at least 1925. The west adjoining property has contained residential properties since at least 1888. Evidence of industrial or manufacturing usage in the vicinity of the Subject Property was not observed.

4.2 Standard Environmental Records

A search of available federal and state environmental records relating to the Property and surrounding properties within the ASTM required minimum search distances was obtained from EDR. The search results were reviewed to ascertain the regulatory history of the area and to determine if the Subject Property or neighboring facilities appear in the requisite databases, are under investigation for violation of environmental laws, regulations, or standards, and/or if the Subject Property or neighboring facilities have been the subject of complaints or violations. Listings in the databases were then evaluated to determine if they indicated a REC for the Subject Property. A copy of the EDR Radius Map™ Report with Geocheck® is in Appendix F. The results of the database review are summarized in the below tables.

4.2.1 Federal Environmental Records

Environmental Database	Search Radius (miles)	Subject Property in Database	Number of Vicinity Sites in Database	Number of Associated RECs
Required Federal (ASTM E1527-21)				
National Priorities List (NPL)	1.0	No	0	
Delisted NPL	1.0	No	0	
Superfund Enterprise Management System (SEMS)	0.5	No	0	
SEMS-Archive	0.5	No	0	
Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)	0.5	No	0	
No Further Remedial Action Plan (CERCLIS-NFRAP) List	0.5	No	0	
RCRA Corrective Action Sites (CORRACTS)	1.0	No	0	
Non-CORRACTS TSD List	0.5	No	0	
RCRA Generator List (small and large quantity and conditionally exempt small quantity generators)	0.25	No	1	0
Federal Engineered/Institutional Control Registries	0.5	No	0	

Emergency Response Notification System (ERNS)	Subject Property	No	0	
Required State/Tribal databases (ASTM E1527-21)				
State-equivalent NPL	1.0	No	0	
State-equivalent SEMS	1.0	No	0	
Solid Waste Illegal Dump (SWID)	0.5	No	0	
State Solid Waste Landfill (SWF/LF)	0.5	No	0	
State Leaking Underground Storage Tanks (LUST)	0.5	Yes	9	0
State Underground Storage Tanks (UST)	0.25	Yes	6	0
Above Ground Storage Tanks (AST)	0.25	No	0	
State Activity Use Limitation (AUL)	0.5	No	0	
Voluntary Cleanup Program	0.5	No	2	0
State Cleanup Program	0.5	No	0	
State Brownfield Sites	0.5	Yes	1	1

4.2.2 Additional Environmental and EDR Proprietary Records

Environmental Database	Search Radius (miles)	Subject Property in Database	Number of Vicinity Sites in Database	Number of Associated RECs
Additional Databases and EDR Proprietary Records				
Solid Waste Disposal Sites/Solid Waste Recycling Facilities (SWLF/SWRCY)	0.5	No	0	
US Brownfield Sites	0.5	No	0	
Historic UST	0.25	No	0	
RCRA Non-Generators List	0.25	No	3	0
Record of Decision (ROD)	1.0	No	0	
Consent List	1.0	No	0	
Spill List	0.25	No	0	
FINDS	Subject Property	Yes	1	0
UST Finder	0.25	Yes	5	0
UST Finder Release	0.5	Yes	6	0
E Manifest	0.25	No	0	
Spill List	0.25	No	0	
US Mines	0.25	No	0	
PFAS TSCA	0.25	No	0	
PFAS ECHO	0.25	No	0	
Industrial Waste List	0.25	No	0	
Manifest Data	0.25	No	1	0
OISC List	0.25	No	0	
Manufactured Gas Plant (MGP)	1.0	No	2	0
Site Management and Reporting System (SMARS)	0.5	No	4	0
Historic Auto Station	0.125	Yes	2	0
Historic Cleaner	0.125	No	0	

Orphan Sites	2

The Subject Property is listed in the UST, LUST, UST finder, UST finder release, historic auto, US brownfields, and FINDS EDR databases. Several nearby facilities were listed in one or more of the reviewed databases. **APEC** considered most of these facilities likely to affect the Subject Property, based upon factors including (but not limited to):

- The nature of the listing
- The use of the Site
- When the Site was listed and its current listed status
- The developmental density of the setting
- The distance between the listed sites and the Subject Property considering the distance that releases are likely to migrate based on surface and subsurface conditions
- The presence of intervening drainage divides
- The inferred groundwater movement

Facilities with the potential to negatively affect the Subject Property are discussed below.

Old Sutherlands Lumber (637, 641, and 601 East Broadway) - Subject Property

The above-mentioned facility previously operated on the Subject Property. The facility is listed in the FINDS and US brownfields databases. According to the Sanborn maps, multiple filling stations and oil companies operated on the southern portion of the Subject Property from at least 1925 to the 1990s. Additionally, a railyard was located on the Property from at least 1888 to 2000. The listing for US brownfields states a Phase I was performed on the Site in December 2008. **APEC** was provided with previous Phase I and Phase II ESA reports for the Site which discuss multiple environmental investigations at the Site where soil and groundwater samples were collected. During the initial investigations in March 2009, four soil borings were advanced to a depth of approximately 9 to 20 feet below ground surface on the southern portion of the Property where the former oil companies and filling stations operated. Additionally, ten surface soil samples were collected across the Site from the 0–1-foot interval. Lead and arsenic soil contamination was encountered in several surface soil samples across the Site. Low level petroleum contamination above the residential MDNR screening level was encountered in two of the soil samples from the soil borings, however, the report concludes this contamination is not an issue for non-residential usage. Groundwater lead contamination was encountered in three of the soil borings exceeding the applicable screening level. Groundwater was not encountered in the other soil boring. The March 2009 Phase II concludes 1) shallow metal contamination across the Site should remain covered and should remain undisturbed until a plan to prevent exposure is made and 2) recommended that the city place a groundwater use restriction on the chain of title that prohibits private groundwater use since groundwater contamination is present at the Site.

The Missouri Department of Natural Resources (MDNR) issued a letter following the initial Phase II investigation after the Site had entered into the Brownfields program. The MDNR recommended 1) the Site not be used for residential purposes without additional cleanup, 2) surface soils (0-12”) across the Site contain metal contamination, therefore the city should incorporate revegetation, paved parking areas, building floors, etc. to reduce human exposure to metals, and 3) a groundwater use restriction should be placed on the deed given the presence of lead contamination.

The Missouri Department of Natural Resources (MDNR) issued a letter following the initial Phase II investigation after the Site had entered into the Brownfields program. The MDNR recommended the Site not be used for residential purposes without additional cleanup, surface soils (0-12") across the Site contain metal contamination therefore the city should incorporate revegetation, paved parking areas, building floors, etc. to reduce human exposure to metals, and a groundwater use restriction should be placed on the deed given the lead contamination.

In May 2009, an additional investigation was conducted at the Site to determine the extent of metal soil contamination. Twenty-eight surface soil samples were collected across the Site around the previous samples that exceeded the MDNR screening levels. The extent of metal contamination was determined, and the report concluded that the surface soil should not be distributed in the areas where metal contamination is present without a plan to prevent exposure to this contamination. The approximate location of the surface soil contamination is shown on Figure 1. Given the known presence of soil and groundwater contamination on the Subject Property, **an onsite REC is identified**.

On February 9, 2021, the City purchased the Property, and an environmental restriction was placed on the deed. The restriction is the following: The Property must not be used for (i) residential, (ii) lodging or accommodations (including, without limitation, hotels, motels, boarding houses, dormitories, hospitals, nursing homes, or retirement centers), or (iii) educational or child-care facilities (including, without limitation, schools, kindergartens, or day-care centers).

A copy of the deed with the restriction is provided in Appendix L. Given an environmental restriction is present on the Subject Property, an **onsite CREC is identified**.

Union Pacific (651 East Broadway) - Subject Property
Hudson Oil Co (641/651 East Broadway) - Subject Property

The above-mentioned facilities previously operated on the south side of the Subject Property. Hudson Oil Co previously operated a filling station and oil company. A release was reported at the facility in 1990 when two Underground Storage Tanks (USTs) were removed from the Site. Multiple environmental investigations occurred at the Site and multiple monitoirng wells were installed. After excavation at the Hudson Oil Co portion of the Site, soil and groundwater contaminant levels were reduced below the applicable screening levels at the time of sampling. A closure letter was issued for the Hudson Oil Co from the MDNR on November 18, 1999 stating no additional investigation or remediation is required. Given the historical petroleum release has been addressed to the satisfaction of the regulatory agency, **an onsite HREC is identified.**

Cities Service Oil Co/William Hannings (663 East Broadway)

The above-mentioned facility previously operated on the east adjoining property, where the Taco Bell currently operates. The site is listed in the historic auto EDR database as using petroleum products in at least 1975 and 1976. According to the Sanborn maps, the site previously operated as an oil company and filling station from at least 1948 to 1963. The city directories list the site as a gas/oil station from at least 1960 to 1977. **APEC** was provided with a previous Phase II ESA report dated March 2009 for the Subject Property's parent parcel. One soil boring was advanced on the east adjoining property during this Phase II. Two soil samples and one groundwater sample were collected from the boring. The results were reported below the applicable Missouri screening levels. The soil boring was placed on the southern portion

of the site near where the filling station previously operated, however, no soil borings were placed near the former ASTs.

A Limited Subsurface Investigation (LSI) was performed on the site in 2024 (prior to development of the Taco Bell Restaurant). Groundwater contamination was encountered during the LSI; therefore, a release was reported to the MDNR. An Initial Site Investigation was performed on the site from October to December 2024 (following development of the Taco Bell Restaurant). Contamination is delineated at the site and is not shown to extend to the Subject Property. Given the reviewed information, it is unlikely that the former Cities Service Oil Co has negatively affected the Subject Property.

4.2.3 Local Environmental Records

County Clerk

A search for the possible presence of environmental liens or other documents of environmental concern recorded on the Subject Property was completed online on March 6, 2025 at landrecords.net (Tapestry). Documents of concern were not discovered by the search. Documents for the Subject Property were not found prior to 2020. The results are provided in Appendix A.

County Health Department

The Pettis County Health Center (PCHC) office was contacted on March 6, 2025 to determine if there are spills or other environmental issues associated with the Subject Property that are known to the County. PCHC personnel stated no records of environmental concern were found.

City Fire Department

The Sedalia Fire Department (SFD) office was contacted on March 6, 2025 to determine if there are any historic records of environmental spills or releases associated with the Subject Property that are known to the department. SFD personnel stated no records of environmental concern were found.

4.3 Physical Setting

4.3.1 Topography

The United States Geological Survey's *Sedalia East, MO 7.5-minute Series* and *Sedalia 30-minute series Quadrangle* topographic maps were reviewed. According to these maps, the average elevation of the Subject Property is approximately 906 feet above mean sea level. Based on the site reconnaissance, the Subject Property is relatively flat.

4.3.2 Regional Geology and Geography

The Subject Property is located in the Ozarks physiographic region.

4.3.3 Soil Survey

According to the United States Department of Agriculture (USDA) Natural Resources Conservation Service *Soil Survey Map* the predominant soil unit within the Subject Property boundaries is the Arisburg silt loam. Arisburg silt loam is a somewhat poorly drained soil found in interfluves and derived from loess. The hydrologic group for Arisburg silt loam is group C: slow infiltration rates. The Arisburg silt loam is not considered a hydric soil.

4.3.4 Hydrogeology

The Subject Property is located within the Missouri River drainage basin.

Based upon a review of previous environmental reports for the east adjoining property, groundwater is estimated to flow generally toward the east. However, a subsurface investigation of the groundwater would have to be performed to understand site specific hydrogeologic conditions and groundwater flow direction at the Property.

4.3.5 Flood Zone Information

The Federal Emergency Management Agency (FEMA) Flood Insurance Map for City of Sedalia was reviewed. According to this map, the Subject Property is classified as Zone X, which is an area of minimal flood hazard. A copy of the FEMA Flood Insurance Map is located in Appendix G.

4.3.6 Wetland Information

According to data available from the United States Fish and Wildlife Service (USFWS) National Wetlands Inventory, the Subject Property does not contain identified wetland areas. A copy of the USFWS National Wetlands Inventory map for the Subject Property is in Appendix H.

4.3.7 Other

No other physical setting data was reviewed.

5.0 SITE RECONNAISSANCE

A site reconnaissance was conducted on the Subject Property by a representative of **APEC** on January 30, 2025. The weather during the site visit was sunny with a temperature of approximately 50 degrees Fahrenheit. Adjoining properties, and where appropriate their exteriors, were visually evaluated for potential RECs. Adjoining property usages are described in previous sections (Section 2.4).

Copies of photographs taken during the site reconnaissance are located in Appendix I.

5.1 General Property Conditions

5.1.1 Building Heating and Cooling

There are no buildings present on the Subject Property.

5.1.2 Solid Waste Disposal

Solid waste is not currently generated at the Subject Property.

5.1.3 Process Wastewater Disposal

There are no wastewater-generating process activities operating at the Subject Property.

5.1.4 Sewage Discharge

Sanitary sewage and wastewater are not currently generated at the Subject Property.

5.1.5 Surface Water Drainage

The Subject Property is relatively flat. Runoff appears to flow to areas of low relief.

5.1.6 Wells and Cisterns

Private wells or cisterns were not observed on the Property during the walk-through.

5.1.7 Additional Property Conditions

Additional property conditions of concern were not observed during the walk-through.

5.2 Environmental Conditions

5.2.1 Hazardous Material Storage, Use and Handling

Based on the reconnaissance of the Subject Property, hazardous materials or waste were not observed to be used, generated, stored, or disposed on the Subject Property. Bio-hazardous waste was not observed on the Subject Property.

5.2.2 Spill and Stain Areas

Areas of staining beyond *de minimis* conditions were not observed on the Subject Property.

5.2.3 Polychlorinated Biphenyls (PCBs)

The past use of PCBs in electrical equipment such as transformers, fluorescent lamp ballasts, and capacitors was common. PCBs in electrical equipment are controlled by United States EPA regulation 40 CFR Part 761. According to this regulation there are three categories for classifying electrical equipment; less than 50 ppm of PCBs is considered "Non-PCB"; between 50 and 500 ppm is considered "PCB-Contaminated"; and greater than 500 ppm is considered "PCB".

Transformers were not observed on the Subject Property during the site reconnaissance.

5.2.4 Asbestos Containing Materials (ACMs)

Per the OSHA Construction Industry Asbestos Standard (29 CFR 1926.1101), certain building materials in buildings constructed no later than 1980 must be presumed to be asbestos containing materials (PACMs) until an inspection is performed by an accredited inspector. Buildings constructed after January 1, 1981 generally do not contain OSHA PACM materials however, since asbestos containing building materials are not completely banned in the US, an asbestos inspection must still be performed by an accredited inspector prior to obtaining a demolition or renovation permit.

There are no structures on the Subject Property with the potential to contain asbestos.

5.2.5 Aboveground Storage Tanks (ASTs)

Determining the presence of ASTs is considered essential in assessing potential contamination sources. Visual inspection and the review of tank registration records are used to determine the possible existence of past and present ASTs in the area of the Subject Property. It must be noted however, that the absence of certain site conditions or lack of records may restrict or prevent the determination of the number and contents of historic ASTs at the Subject Property.

ASTs were not observed on the Subject Property during the site reconnaissance.

5.2.6 Underground Storage Tanks (USTs)

Determining the presence of USTs is considered essential in assessing potential contamination sources. Visual inspection and the review of tank registration records are used to determine the possible existence of past and present USTs in the area of the Subject Property. It must be

noted however, that the absence of certain site conditions or lack of records may restrict or prevent the determination of the number and contents of USTs on the Subject Property.

Evidence of USTs were not observed on the Subject Property during the site walk-through. USTs previously operated on the Subject Property and have since been removed. The USTs are discussed in Section 4.2.2 of this report.

5.2.7 Landfills

Evidence of landfill activities was not observed or reported on the Subject Property during the site reconnaissance or during the historical research conducted on the Property.

5.2.8 Pits, Sumps, Catch Basins and Lagoons

Pits, sumps, or lagoons were not observed on the Subject Property during the site reconnaissance.

5.2.9 Radon

Radon is an odorless, invisible gas that occurs naturally in soils. Natural radon levels vary and are closely related to geologic formations. It cannot be detected without specialized equipment. Radon may enter buildings through basement sumps or other openings.

The EPA has established the recommended safe radon level at 4 picocuries per liter (pCi/L) of air. The EPA has prepared a map dividing the country into three Radon Zones; Zone 1 for those areas with the average predicted indoor radon concentration in residential dwellings exceeding the EPA Action limit of 4 pCi/L; Zone 2 for those areas where the average predicted radon level is between 2 and 4 pCi/L; and Zone 3 for those areas where the average predicted radon level is below 2 pCi/L.

According to the EPA Map of Radon Zones, the Subject Property is in Zone 1, where the average indoor radon screening level is predicted to be greater than 4 pCi/L.

5.2.10 Lead-Based Paint

There are no structures on the Subject Property with the potential to contain lead-based paint.

5.2.11 Per- and Polyfluoroalkyl (PFAS)

Per- and polyfluoroalkyl substances (PFAS) are a group of synthetic chemicals that have been used in a variety of industrial applications and consumer products, including firefighting foams, non-stick coatings, waterproof textiles, and certain industrial detergents. PFAS are persistent in the environment.

A review of publicly available federal and state environmental databases did not indicate that the Subject Property is associated with known PFAS releases, investigations, or remediation efforts.

5.2.12 Emerging Contaminants

The evaluation of emerging contaminants, defined by ASTM E1527-21 as substances not defined as hazardous substances (i.e. not listed as a contaminant under CERCLA), is not part of the scope of work for this project and not required as part of ASTM E1527-21 standards. Based on **APEC's** review of the Subject Property, there is no evidence to suggest the presence of emerging contaminants at the Subject Property.

5.2.13 Other Environmental Conditions

Pipeline easements running through or adjacent to the Subject Property were not observed.

6.0 INTERVIEWS

An interview was conducted with individuals knowledgeable of the Subject Property. A copy of the interview form(s) appears in Appendix J.

The following people were contacted/interviewed, or completed questionnaires:

Date	Name	Title	Organization
2/18/25	Mr. Kelvin Shaw	Representative of User and Owner Entity	City of Sedalia

Mr. Shaw is a representative of the User and owner entity and completed a user and owner questionnaire on February 18, 2025.

County and local officials were contacted for information associated with the Subject Property. Information provided from these sources is presented in previous sections of this report. Documentation of these communications is provided in Appendix J.

7.0 FINDINGS AND CONCLUSIONS

7.1 On-Site Environmental Concerns

Based on the information gathered and on observations made during this investigation, the Phase I ESA has revealed evidence of one on-site recognized environmental condition, (REC), one historical REC (HREC), and one controlled REC (CREC) associated with the Subject Property.

Old Sutherlands Lumber previously operated on the Subject Property. According to the Sanborn maps, multiple filling stations and oil companies operated on the southern portion of the Subject Property from at least 1925 to the 1990s. Additionally, a railyard was located on the Property from at least 1888 to 2000. **APEC** was provided with previous Phase I and Phase II ESA reports for the Site which discuss multiple environmental investigations at the Site where soil and groundwater samples were collected. During the initial investigations in March 2009, four soil borings were advanced to a depth of approximately 9 to 20 feet below ground surface on the southern portion of the Property where the former oil companies and filling stations operated. Additionally, ten surface soil samples were collected across the Site from the 0–1-foot interval. Lead and arsenic soil contamination was encountered in several surface soil samples across the Site. Low level petroleum contamination above the residential MDNR screening level was encountered in two of the soil samples from the soil borings, however, the report concludes this contamination is not an issue for non-residential usage. Groundwater lead contamination was encountered in three of the soil borings exceeding the applicable screening level. Groundwater was not encountered in the other soil boring. The March 2009 Phase II concludes 1) shallow metal contamination across the Site should remain covered and should remain undisturbed until a plan to prevent exposure is made and 2) recommended that the city place a groundwater use restriction on the chain of title that prohibits private groundwater use since groundwater contamination is present at the Site.

The Missouri Department of Natural Resources (MDNR) issued a letter following the initial Phase II investigation after the Site had entered into the Brownfields program. The MDNR

recommended 1) the Site not be used for residential purposes without additional cleanup, 2) surface soils (0-12") across the Site contain metal contamination, therefore the city should incorporate revegetation, paved parking areas, building floors, etc. to reduce human exposure to metals, and 3) a groundwater use restriction should be placed on the deed given the presence of lead contamination.

In May 2009, an additional investigation was conducted at the Site to determine the extent of metal soil contamination. Twenty-eight surface soil samples were collected across the Site around the previous samples that exceeded the MDNR screening levels. The extent of metal contamination was determined, and the report concluded that the surface soil should not be distributed in the areas where metal contamination is present without a plan to prevent exposure to this contamination. The approximate location of the surface soil contamination is shown on Figure 1. Given the known presence of soil and groundwater contamination on the Subject Property, **an onsite REC is identified**.

On February 9, 2021, the City purchased the Property, and an environmental restriction was placed on the deed. The restriction is as follows: The Property must not be used for (i) residential, (ii) lodging or accommodations (including, without limitation, hotels, motels, boarding houses, dormitories, hospitals, nursing homes, or retirement centers), or (iii) educational or child-care facilities (including, without limitation, schools, kindergartens, or day-care centers). A copy of the deed with the restriction is provided in Appendix L. Given an environmental restriction is present on the Subject Property, an **onsite CREC is identified**.

Union Pacific/Hudson Oil Co previously operated on the south side of the Subject Property. Hudson Oil Co previously operated a filling station and oil company. A release was reported at the facility in 1990 when two Underground Storage Tanks (USTs) were removed from the Site. Multiple environmental investigations occurred at the Site and multiple monitoirng wells were installed. After excavation at the Hudson Oil Co portion of the Site, soil and groundwater contaminant levels were reduced below the applicable screening levels at the time of sampling. A closure letter was issued for the Hudson Oil Co from the MDNR on November 18, 1999 stating no additional investigation or remediation is required. Given the historical petroleum release has been addressed to the satisfaction of the regulatory agency, **an onsite HREC is identified.**

7.2 Off-Site Environmental Concerns

Based on the information gathered and on observations made during this investigation, the Phase I ESA has not revealed evidence of possible off-site recognized environmental conditions, (RECs), historical RECs (HRECs), or controlled RECs (CRECs) associated with adjacent or nearby properties.

7.3 Conclusions

No significant limitations or data gaps were identified during completion of this Phase I ESA report. A Phase I Environmental Site Assessment in conformance with the scope of work and which meets or exceeds the ASTM Practice E1527-21 was performed on the Subject Property. This assessment has revealed evidence of one onsite REC, one historic REC, and one Controlled REC associated with the Subject Property.

8.0 REPORT VIABILITY

The five main All Appropriate Inquiry (AAI) components of this Phase I ESA, as defined by ASTM E1527-21, were completed on the below listed dates:

1) Interviews with Owners, Operators, and/or Occupants – February 18, 2025

2) Review of Government Records – February 18, 2025

3) Visual Inspection of Subject Property – January 30, 2025

4) Search for Environmental Cleanup Liens – March 6, 2025

5) Declaration by Environmental Professional – March 10, 2025

Based on the above completion dates of the five main AAI components, if the Subject Property has not been acquired by **July 30, 2025**, this Phase I ESA is required to be updated per ASTM E1527-21 standards in order to continue to qualify for protection from CERCLA liability. This Phase I ESA will completely expire on **January 30, 2026**.

9.0 CLOSURE

This report has been prepared for the sole benefit of City of Sedalia. This report may not be relied upon by any other person or entity without the express written consent from City of Sedalia and **APEC**.

Except for the limitations and exceptions discussed in Section 1.4, this Phase I ESA generally complies with the scope of work and ASTM Standard E1527-21.

Sincerely,
AP Engineering and Consulting, Inc.

Allison Schmitt
Project Manager

Cameron Abbott, CHMM
Director of Operations

10.0 REFERENCES

American Society for Testing and Materials (ASTM) 2021. *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM1527-21). Philadelphia, PA, USA.

Environmental Data Resources, Inc., *Radius Map and Site Assessment Reports*.

Federal Emergency Management Agency, National Flood Insurance Program, *Flood Insurance Maps*.

Missouri Geological Survey Website: http://dnr.mo.gov/geology/aboutus.htm.

Missouri Department of Natural Resources, 2002, *Physiographic Regions of Missouri.*

Missouri Herpetological Atlas Project: https://atlas.moherp.org/missouri/watershed/

United States Department of Agriculture, Soil Conservation Service, *Soil Survey of Pettis County, Missouri.*

United States Geological Survey, *Topographic Maps*.

United States Department of the Interior, Fish and Wildlife Service; *National Wetlands Inventory Mapper*.

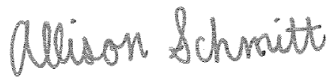
11.0 SIGNATURE AND QUALIFICATIONS OF THE ENVIRONMENTAL PROFESSIONAL

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

The resumes of the Environmental Professional and others involved with this project are included in Appendix K.

Prepared by:
AP Engineering and Consulting, Inc.
6135 West 400 North
Greenfield, IN 46140
(317) 436-7529

By: Allison Schmitt
Environmental Professional



Allison Schmitt
Project Manager

FIGURE 1

Site Map with Surrounding Properties



NOTES:

N

0 230'

Approximate Scale

LEGEND

- APPROXIMATE SUBJECT PROPERTY BOUNDARY
- APPROXIMATE LOCATION OF FORMER FILLING STATIONS
- APPROXIMATE LOCATION OF FORMER COAL PLANT
- APPROXIMATE LOCATION OF ACTIVE GAS STATION
- APPROXIMATE LOCATION SURFACE SOIL CONTAMINATION (0-12") FROM 2009 PHASE II

Proposed Development
East Broadway Boulevard
Sedalia, Missouri 65301

Site Map with Surrounding Properties

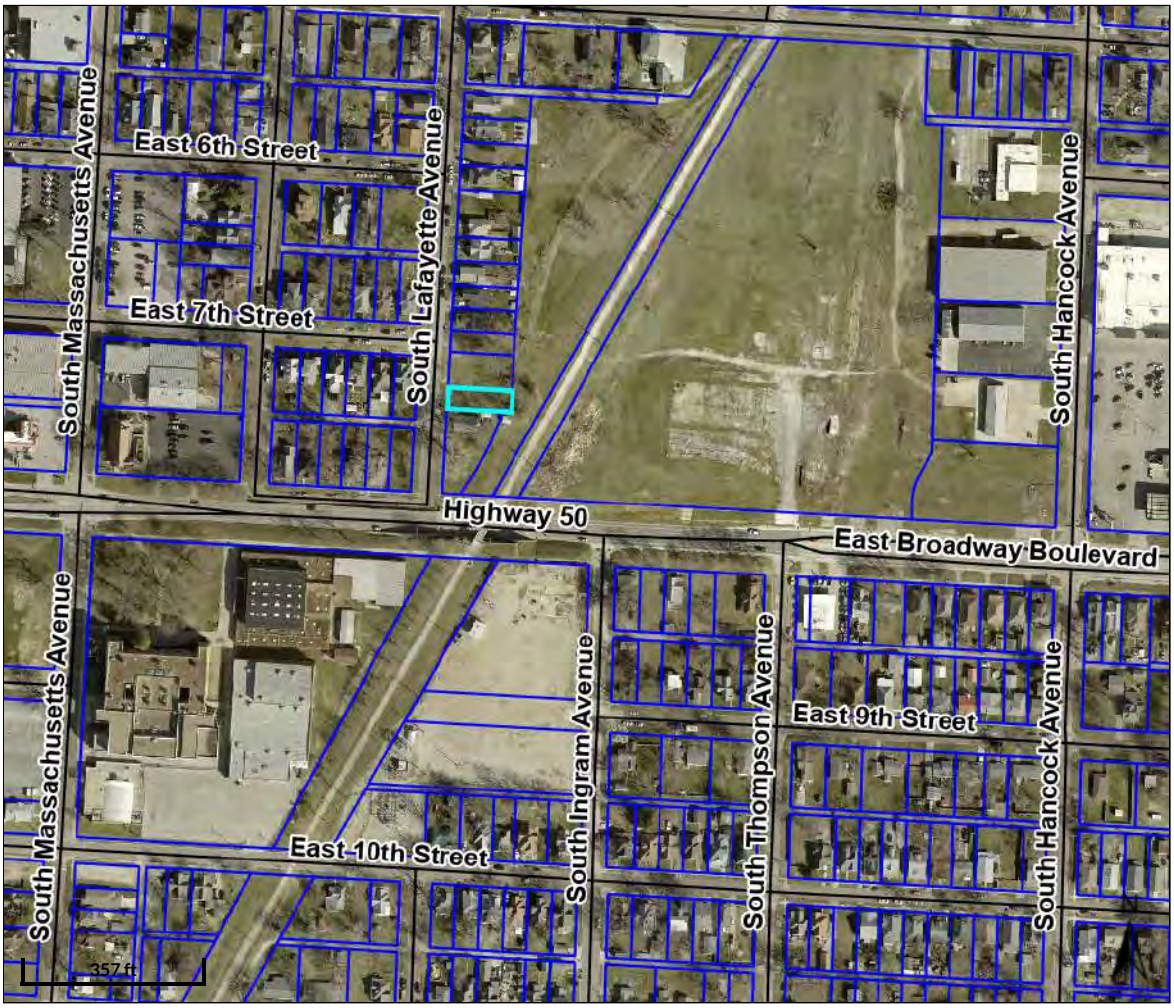
PROJECT NO.:	DRAWN BY:	DATE:	FIGURE:
2024-518	AS	3/7/25	1

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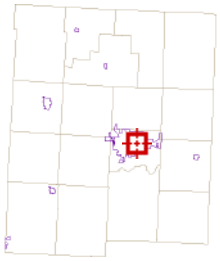
APPENDIX A

Property Cards & Tapestry Search Records

Beacon™ Pettis County, MO



Overview



Legend

- Political Townships
- Corporate Limits
- Parcels
- Roads

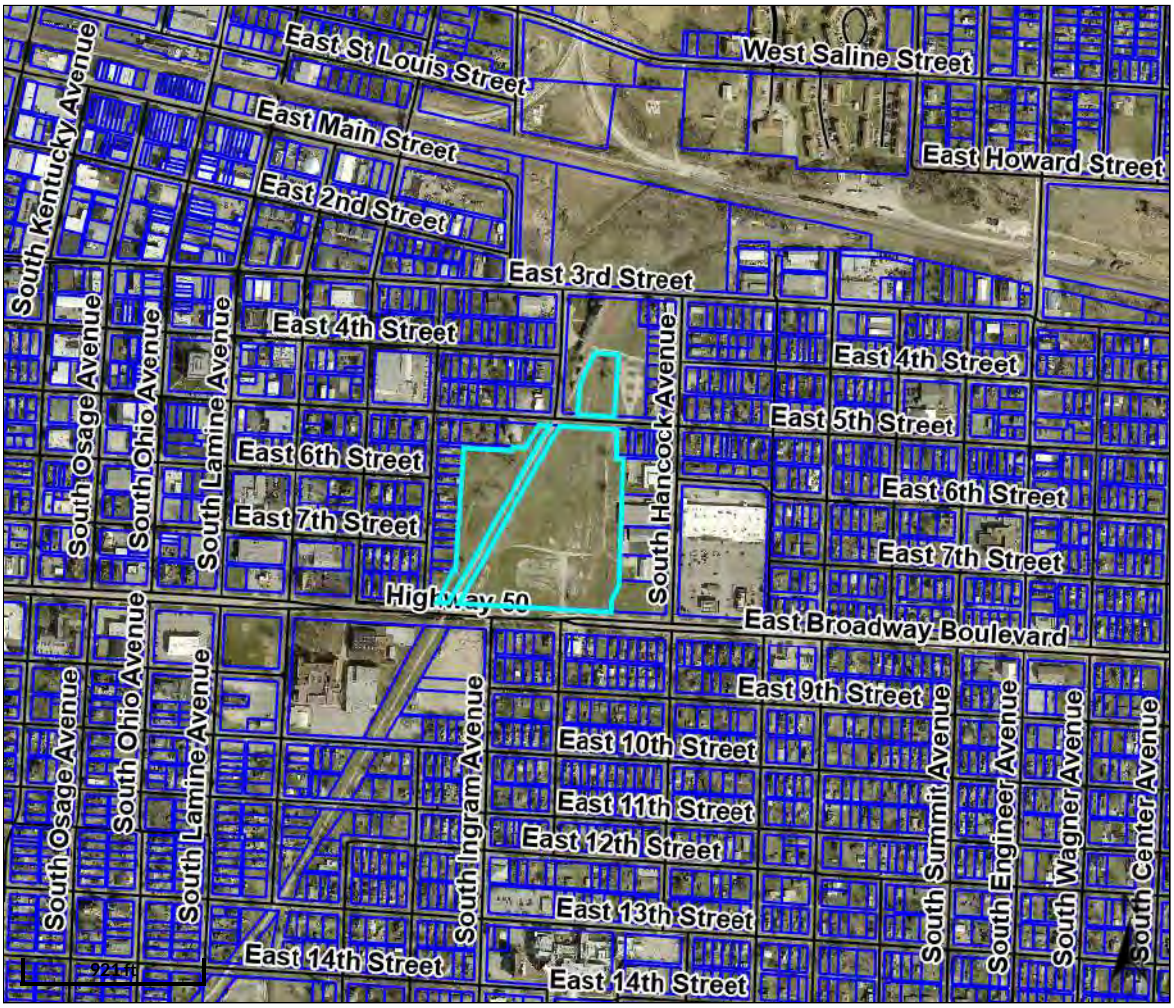
Parcel ID	152003301003000	**Alternate ID**	n/a	**Owner Address**	CITY OF SEDALIA
Sec/Twp/Rng	3/45/21	**Class**	Exempt		**********
Property Address	707 S LAFAYETTE SEDALIA	**Acreage**	0.11		**********, MO *****-****
District	R001				
Brief Tax Description	N 4' OF LOT 2 & S 36' OF LOT 3 J D SMITH ADD (Note: Not to be used on legal documents)				

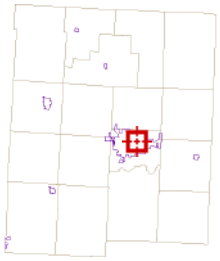
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Date created: 3/7/2025
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Beacon™ Pettis County, MO





Legend

- Political Townships
- Corporate Limits
- Parcels
- Roads

Parcel ID	152003301006000	**Alternate ID**	n/a	**Owner Address**	CITY OF SEDALIA
Sec/Twp/Rng	3/45/21	**Class**	Exempt		**********
Property Address	613 E BROADWAY SEDALIA	**Acreage**	15.3		**********, MO *****-****

District RTIF

Brief Tax Description 15.3AC MID PRT BLK S 5TH ST, W OF HANCOCK N OF BROADWAY & E OF LAFAYETTE & 1.1 AC S SI BLK TO THE N OF 5TH ST (EX 0.26 AC)(EX 0.895 AC) 3 45 21
(Note: Not to be used on legal documents)

Disclaimer. The information provided on this site is for convenience only and is compiled from recorded deeds, plats, tax maps, surveys, and other public records and data. In the preparation of this site, extensive efforts have been made to offer the most current, correct, and clearly expressed information possible. However, inadvertent errors can occur, and information placed on this site is not intended to replace any official source. The applicable county sources should be consulted for verification of the information provided on these pages. Users are advised that their use of any of this information is at their own risk.

Date created: 3/3/2025
Last Data Uploaded: 3/3/2025 4:22:38 AM

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DataSource: Pettis, MO

Criteria: Party Name = CITY OF SEDALIA
Section = 3 and Township = 45 and Range = 21

Last Indexed Date: 03/05/2025
01/26/2024

RecDate	DocDate	DocNumber	DocType	Last Name	First Name	Party Type
02/03/2025	01/31/2025	2025-0492	CERTIFIC...	CITY OF SEDALIA		GRANTOR
07/02/2024	06/27/2024	2024-2805	WARRANTY...	CITY OF SEDALIA		GRANTOR
07/02/2024	06/27/2024	2024-2804	EASEMENT	CITY OF SEDALIA		GRANTOR
07/02/2024	06/27/2024	2024-2803	AGREEMEN...	CITY OF SEDALIA		GRANTOR
06/11/2024	06/03/2024	2024-2492	SURVEY	CITY OF SEDALIA		GRANTOR
07/24/2023	07/03/2023	2023-3233	ORDINANC...	CITY OF SEDALIA		GRANTEE
07/24/2023	07/03/2023	2023-3232	ORDINANC...	CITY OF SEDALIA		GRANTEE
07/24/2023	07/03/2023	2023-3230	ORDINANC...	CITY OF SEDALIA		GRANTEE
06/21/2023	10/08/2021	2023-2684	SURVEY	CITY OF SEDALIA		GRANTOR
10/17/2022	10/14/2022	2022-5500	LIEN	CITY OF SEDALIA		GRANTOR
10/14/2022	10/13/2022	2022-5470	COLLECTO...	CITY OF SEDALIA		GRANTEE
10/14/2022	10/13/2022	2022-5469	COLLECTO...	CITY OF SEDALIA		GRANTEE
06/09/2022	05/16/2022	2022-3094	ORDINANC...	CITY OF SEDALIA		GRANTEE
05/10/2022	05/06/2022	2022-2460	WARRANTY...	CITY OF SEDALIA		GRANTEE
02/07/2022	01/26/2022	2022-0692	LIEN	CITY OF SEDALIA		GRANTOR

Results found: 37

Displaying page: 1 of 3



Session :$ 8.75 Receipt

DataSource: Pettis, MO

Criteria: Party Name = CITY OF SEDALIA
Section = 3 and Township = 45 and Range = 21

Last Indexed Date: 03/05/2025
01/26/2024

RecDate	DocDate	DocNumber	DocType	Last Name	First Name	Party Type
02/07/2022	01/24/2022	2022-0651	LIEN	CITY OF SEDALIA		GRANTOR
02/07/2022	01/25/2022	2022-0644	LIEN	CITY OF SEDALIA		GRANTOR
02/07/2022	01/12/2022	2022-0603	LIEN	CITY OF SEDALIA		GRANTOR
02/07/2022	01/12/2022	2022-0602	LIEN	CITY OF SEDALIA		GRANTOR
11/08/2021	10/18/2021	2021-6706	ORDINANC...	CITY OF SEDALIA		GRANTOR
11/03/2021	10/18/2021	2021-6622	ORDINANC...	CITY OF SEDALIA		GRANTEE
11/03/2021	10/18/2021	2021-6621	QUIT CLA...	CITY OF SEDALIA		GRANTEE
09/29/2021	08/23/2021	2021-5915	CERTIFIC...	CITY OF SEDALIA		GRANTEE
02/18/2021	02/16/2021	2021-1047	ORDINANC...	CITY OF SEDALIA		GRANTEE
02/17/2021	01/26/2021	2021-1017	LIEN	CITY OF SEDALIA		GRANTEE
02/17/2021	01/26/2021	2021-0997	LIEN	CITY OF SEDALIA		GRANTEE
11/24/2020	10/20/2020	2020-6275	QUIT CLA...	CITY OF SEDALIA		GRANTOR
06/29/2020	06/18/2020	2020-3232	WARRANTY...	CITY OF SEDALIA		GRANTEE
06/05/2020	06/01/2020	2020-2753	QUIT CLA...	CITY OF SEDALIA		GRANTEE
02/18/2020	05/06/2019	2020-0827	ORDINANC...	CITY OF SEDALIA		GRANTEE

Results found: 37

NEW SEARCH
PRINT RESULTS

Displaying page: 2 of 3



DataSource: Pettis, MO

Criteria: Party Name = CITY OF SEDALIA
Section = 3 and Township = 45 and Range = 21

Last Indexed Date: 03/05/2025
01/26/2024

RecDate	DocDate	DocNumber	DocType	Last Name	First Name	Party Type
02/06/2020	01/27/2020	2020-0608	LIEN	CITY OF SEDALIA		GRANTEE
02/06/2020	01/27/2020	2020-0607	LIEN	CITY OF SEDALIA		GRANTEE
02/06/2020	01/23/2020	2020-0582	LIEN	CITY OF SEDALIA		GRANTEE
08/27/2019	08/26/2019	2019-3947	CERTIFIC...	CITY OF SEDALIA		GRANTEE
09/19/1986	09/17/1986	1986-6781	COLLECTO...	CITY OF SEDALIA		GRANTEE
12/14/1967	12/01/1967	1967-02710	LEASE	CITY OF SEDALIA		GRANTOR
12/13/1967	12/07/1967	1967-02682	WARRANTY...	CITY OF SEDALIA		GRANTEE

Results found: 37













Displaying page: 3 of 3

APPENDIX B

City Directory Abstract

Proposed Development - Sedalia, MO
East Broadway Boulevard
Sedalia, MO 65301

Inquiry Number: 7900511.5
February 21, 2025

The EDR-City Directory Image Report

EDR® Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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

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EXECUTIVE SUMMARY

DESCRIPTION

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

RECORD SOURCES

The EDR City Directory Report accesses a variety of business directory sources, including Haines, InfoUSA, Polk, Cole, Bresser, and Stewart. Listings marked as EDR Digital Archive access Cole and InfoUSA records. The various directory sources enhance and complement each other to provide a more thorough and accurate report.

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RESEARCH SUMMARY

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

Year	*Target Street*	*Cross Street*	*Source*
2020	☑	☑	EDR Digital Archive
2017	☑	☑	Cole Information
2014	☑	☑	Cole Information
2010	☑	☑	Cole Information
2005	☑	☑	Cole Information
2000	☑	☑	Cole Information
1995	☑	☑	Cole Information
1992	☐	☑	Cole Information
1987	☑	☑	Polk's City Directory
1982	☑	☑	Polk's City Directory
1977	☑	☑	Polk's City Directory
1972	☑	☑	Polk's City Directory
1967	☑	☑	Polk's City Directory
1964	☑	☑	Polk's City Directory
1960	☑	☑	Polk's City Directory

FINDINGS

TARGET PROPERTY STREET

East Broadway Boulevard
Sedalia, MO 65301

Year	*CD Image*	*Source*
E BROADWAY BLVD		
2020	pg A1	EDR Digital Archive
2017	pg A3	Cole Information
2014	pg A5	Cole Information
2010	pg A7	Cole Information
2005	pg A9	Cole Information
2000	pg A11	Cole Information
1995	pg A13	Cole Information
1987	pg A16	Polk's City Directory
1987	pg A17	Polk's City Directory
1982	pg A19	Polk's City Directory
1977	pg A21	Polk's City Directory
1972	pg A23	Polk's City Directory
1967	pg A25	Polk's City Directory
1964	pg A27	Polk's City Directory
1960	pg A30	Polk's City Directory
1960	pg A31	Polk's City Directory

FINDINGS

CROSS STREETS

Year	*CD Image*	*Source*
S LAFAYETTE AVE		
2020	pg. A2	EDR Digital Archive
2017	pg. A4	Cole Information
2014	pg. A6	Cole Information
2010	pg. A8	Cole Information
2005	pg. A10	Cole Information
2000	pg. A12	Cole Information
1995	pg. A14	Cole Information
1992	pg. A15	Cole Information
1987	pg. A18	Polk's City Directory
1982	pg. A20	Polk's City Directory
1977	pg. A22	Polk's City Directory
1972	pg. A24	Polk's City Directory
1967	pg. A26	Polk's City Directory
1964	pg. A28	Polk's City Directory
1964	pg. A29	Polk's City Directory
1960	pg. A32	Polk's City Directory

City Directory Images

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

E BROADWAY BLVD 2020

312	SEDALIA SCHOOL DISTRICT 200
	SMITH-COTTON JR HIGH
	VISION CHURCH
417	Megan Roofe
	Sylvia Langan
600	Melissa Rowlette
602	Heather Quick
620	Dakota Zeller
632	GREG'S AUTO SALES
636	Amanda Swindell
640	Betty Mann
	Steven Mann
652	Oliverio Blas-Guzman
656	Tony Meyer
660	Justin Kindle
	Robert Swan
	Shorty Dixon
701	ATM
	COINSTAR
	WOODS PHARMACY
	WOODS SUPERMARKET
702	Cynthia Nold
	Francis Farmer
703	WOODS EXPRESS
706	Evelyn Baer
	Patricia Wallace
710	Kongpeng Lor
	Lue Lor
	Steve Lor
711	SNAP FITNESS
713	DOLLAR GENERAL
714	Cecile Bircher
	Donald Campbell
	Grady Debra
	Jessie Paxton
	Kenneth Paxton
	Tori Redmond
715	CKE RESTAURANTS INC
	HARDEE'S
718	Donald Grotzinger
	Heather Grotzinger
	James Neal
722	James Allain

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

S LAFAYETTE AVE 2020

517	ALCOHOLICS ANONYMOUS
525	Gerald Butsch
605	Kathleen Stcyr
	Tommy Sales
609	Connie Scott
	Michael Scott
615	Florence Sanders
	George Stevens
	Sharon Stevens
	Sherry Stevens
617	John Urton
	Marsha Urton
	Norma Gilpin
623	Elmer Mendez
	Keya Byrd
	Lekeya Byrd
625	Donald Hartley
	Katherine Smith
	Larissa Hartley
	Rebecca Smith
	Sarah Hartley
	Tammy Hartley
703	Eva Booth
	Sara Atteberry
707	Jesse Smith
711	Dwayne Quick
	Jackson Holt
	Scottie Willet
1701	SIKOUTRIS ANTHONY S DPM
1712	BOLAND JUDITH R
	SEDALIA INTERNAL MEDICINE
1715	BOTHWELL UROLOGY SVC
	JENKINS DENA RENEE'
	KESSLER ELIZABETH K MSN
	UROLOGY MIDWEST
1800	Charles Clark
1804	Carl Folkerts
	Mary Folkerts
1807	Constance Albin
	Paul Albin
	Scott Albin

Target Street	Cross Street	Source
✓	-	Cole Information

E BROADWAY BLVD 2017

312	SCHOOLS
	SEDALIA SCHOOL DISTRICT 200
403	NEAL, ANGIE
407	EDGAR, VIRGIL A
413	ANDREWS, DENA M
417	LANGAN, SYLVIA L
602	HOFFMAN, BRITTANY
618	MEYER, CHRIS
632	GREGS AUTO SALES
648	ROMERO, JOSEFINA
652	CACARI, ELIAS B
664	ANDERSON PLUMBING HEATING & AIR
701	WOODS SUPERMARKET
705	WOODS EXPRESS
706	WALLACE, PAT A
710	MAHNKEN, DAN W
714	BISHOP, TROY

Target Street	Cross Street	Source
-	✓	Cole Information

S LAFAYETTE AVE 2017

517	ALANON
	ALCOHOLICS ANONYMOUS
519	FOSTER, BECKY
	WALLACE, ANNASTASIA
521	MEYER, SHARON G
525	BUTSCH, GERALD A
605	SALES, TOMMY L
609	SCOTT, MICHAEL D
615	SANDERS, SUE S
617	URTON, JOHN R
623	MCFADDEN, DAPHNE E
625	HARTLEY, DONALD S
701	MILLER, FELICHA G
703	REGITS, DEBORAH
711	BAILEY, LORI
1202	HAHN, DAVA M
1701	ANTHONY S SIKOUTRIS DPM
	CENTRAL MISSOURI PODIATRY INC
1706	PHYSICIANS & SURGEONS OPTICAL SERVIC
1708	FELIX SABATES JR MD
	JOE M BENNETT DO
	JOE M BENNETT OPTHAMALMOLOGY
1712	DOAK GREGORY A MD
	SEDALIA INTERNAL MEDICINE SPECIALIST
	WOOLERY WILLIAM G MD
	WUELLNER DAVID MD
1715	BOTHWELL UROLOGY SERVICES
	FOSTER R STEVE MD
1800	CLARK, CHARLES L
1804	FOLKERTS, CARL L
1807	ALBIN, PAUL A
2704	LITOVCHENKO, TIMOFEY

Target Street	Cross Street	Source
✓	-	Cole Information

E BROADWAY BLVD 2014

301	ST PAULS LUTHERAN CHURCH BASEMENT
312	SCHOOLS
	SEDALIA SCHOOL DISTRICT 200
403	OCCUPANT UNKNOWN,
407	GAITHER, A
413	THOMAS, KENNITH
417	PERKINS, JANICE D
600	BRAND, STEVEN
602	AYALA, JUAN A
606	OCCUPANT UNKNOWN,
610	TORIBIO, SUSANA
614	MOREY, DARREN B
618	MEYER, CHRIS
632	GREGS AUTO SALES
636	GONZALES, DIANA K
640	OCCUPANT UNKNOWN,
648	ROMERO, JOSEFINA
652	CACARI, ELIAS B
656	OCCUPANT UNKNOWN,
660	DIXON, KIMBERLY D
664	ANDERSON PLUMBING HEATING & AIR
700	OCCUPANT UNKNOWN,
701	PRICE CHOPPER
	WOODS SUPERMARKET
702	NOLD, RAYMOND S
705	WOODS EXPRESS
706	WALLACE, PAT A
709	SNIP N CLIP
710	LOR, LUE
711	CHARTER COMMUNICATIONS
713	DOLLAR GENERAL STORE
714	OGRADY, DEBRA L
715	HARDEES
722	EIKE, LARI A

Target Street	Cross Street	Source
-	✓	Cole Information

S LAFAYETTE AVE 2014

517	ALCOHOLICS ANONYMOUS & ALANON SEDAL
519	FOSTER, BECKY
	FULTON, CHRISTINA
	HOLMES, THOMAS
	OCCUPANT UNKNOWN,
	STARK, JAMES E
	THOMAS, RACHAEL J
520	OCCUPANT UNKNOWN,
521	PUCKETT, ANDREW
525	BUTSCH, GERALD A
605	STCYR, TRAVIS D
609	SCOTT, MICHAEL D
615	SANDERS, SUE S
617	URTON, JOHN R
623	BYRD, LEKEYA
625	HARTLEY, DON
703	EASLEY, ACE K
	GROVES, KASEY
	WATSON, ROBERTA A
707	COFFEY, DOUGLAS E
711	MARTIN, SHERRY
1202	HAHN, DAVA M
1701	CENTRAL MISSOURI PODIATRY INC
	SIKOUTRIS ANTHONY S DPM
1706	PHYSICIANS & SURGEONS OPTICAL SERVIC
1708	BENNETT JOE M DO
	BENNETT JOE M DO & ASSOCIATES PC
	SABATES FELIX JR MD
1710	EAR NOSE & THROAT CLINIC
	GAUNT JAMES M DO
1715	FOSTER R STEVE MD
	UROLOGY MIDWEST LLC
1800	CLARK, CHARLES L
1804	FOLKERTS, CARL L
1807	OCCUPANT UNKNOWN,

Target Street	Cross Street	Source
✓	-	Cole Information

E BROADWAY BLVD 2010

209	GRIFFS HAMBURGERS
312	SMITHCOTTON HIGH SCHOOL
403	JAMES, JASON
407	ARNALL, MITZI
413	OCCUPANT UNKNOWN,
417	SKAGGS, MIKE
600	OCCUPANT UNKNOWN,
602	HALE, SANDRA K
610	TORIBIO, SUSANA
614	MOREY, DARREN B
618	KLANT, CANDY S
632	GREGS AUTO SALES
636	SWINDELL, AMANDA
640	PARKER, ROSEANNA
644	FISHER, SPICE
648	MCNEAL, J E
652	CACARI, ELIAS B
656	MEYER, CHAD E
660	DIXON, MICHAEL E
700	BLACKLOCK, JAME W
701	WOODS SUPERMARKET
706	WALLACE, PAT A
707	MOVIE GALLERY
709	SNIP N CLIP
710	LOR, LUE
711	RENTACENTER
713	DOLLAR GENERAL
715	HARDEES
722	WARREN, PAMELA S

Target Street	Cross Street	Source
-	✓	Cole Information

S LAFAYETTE AVE 2010

517	ALCOHOLICS ANONYMOUS
519	HOLMES, THOMAS
	OCCUPANT UNKNOWN,
	THOMAS, RACHAEL J
	TITANIA, IMA
	VANDERBILT, A
521	DEVORE, ROBERT
525	BUTSCH, GERALD A
605	STCYR, TRAVIS D
609	SCOTT, MICHAEL D
615	STEVENS, SHERRY K
617	URTON, JOHN R
623	BYRD, LEKEYA
625	HARTLEY, DON
701	KERR, MALLORI
703	BALL, REBECCA S
	GROVES, KASEY
	MCATEER, JOHNNY
707	COFFEY, ANGELA
711	DRAKE, CARL E
1202	STORMER, ALEXANDRA
1701	BURRELL BEHAVIORAL HEALTH
	CENTRAL MISSOURI PODIATRY INC
1706	PHYSICIANS & SURGEONS OPTICAL
1708	JOE BENNETT & ASSOC
1710	G & R HEALTH ASSOC INC
1712	SEDALIA INTERNAL MEDICINE
1715	UROLOGY MIDWEST
1800	WEAVER, RICHARD A
1804	FOLKERTS, CARL L
1807	ALBIN, PAUL D
2704	ZEMETSKAYA, LINA

Target Street	Cross Street	Source
✓	-	Cole Information

E BROADWAY BLVD 2005

209	GRIFFS HAMBURGERS
211	HOMEMAKERS HEALTH CARE INC
403	WHITE, DANIEL L
407	EDGAR, VIRGIL
413	FOSTER, MITCHELL D
600	HARRIS, BOBBY
602	OCHOA, CHRISTINA
614	OCCUPANT UNKNOWN,
618	KLANT, CANDY
620	OCCUPANT UNKNOWN,
636	HURRELBRINK, JAMES
640	CUMMINS, M L
644	MITCHELL, TRISTAN
652	BLAS, S
656	MEYER, TONY D
660	DIXON, MICHAEL
664	WATER PERFECT CORP
700	OCCUPANT UNKNOWN,
701	BINGS PHARMACY
	PRICE CHOPPER
	WEB AND SONS INC
702	NOLD, CYNTHIA
706	WALLACE, PAT A
709	SNIP N CLIP
710	MAHNKEN, DAN
711	RENT A CENTER
714	BOOKE, THOMAS P
715	HARDEES FAMILY RESTAURANT
718	FINERFROCK, JEFFREY
722	LARSON, JOHN A

Target Street	Cross Street	Source
-	✓	Cole Information

S LAFAYETTE AVE 2005

519	DUENAS, VIRGINIA
	EDWARDS, STEVE A
	JACKSON, JAMES L
	OCCUPANT UNKNOWN,
	PORTER, A
	READY, M
	ROSS, DENISE
	SCHONDELMEYER, JOHN D
	SCHULTZ, CHRIS
	SPENCER, L
520	DAVIDSON, JUNIOR
521	BREWER, SHARON
525	OCCUPANT UNKNOWN,
605	STCYR, TRAVIS
609	SCOTT, MICHAEL D
615	STEVENS, SHERRY K
617	URTON, JOHN R
623	LONG, BRIDGETE
625	HARTLEY, TAMMY S
701	OCCUPANT UNKNOWN,
703	EASLEY, A
	SHAUMEYER, JAMES L
	SIMMONS, JEREMY
707	BECKWITH, L
1701	ANTHONY S SIKOUTRIS DPM
	CENTRAL MISSOURI PODIATRY INC
	PETTIS COUNTY COUNSELING
	UNIVERSITY BEHAVIORAL HEALTH
1706	JM BENNETT DO AND ASSOCIATE PC
	PHYSICIANS & SURGEONS OPTICAL SERVIC
1708	JOE BENNETT AND ASSOCIATES
1710	G & R HEALTH ASSOCS
1715	FOSTER R STEVE
	UROLOGY MIDWEST LLC
1800	COUSINO, FRANCIS A
1804	FOLKERTS, CARL L
2704	OCCUPANT UNKNOWN,

Target Street	Cross Street	Source
✓	-	Cole Information

E BROADWAY BLVD 2000

301	ST PAULS LUTHERAN CHURCH BASEMENT
312	SCHOOLS SEDALIA DISTRICT 200
403	WHITE, SHIRLEY M
610	COOPER, PATTY
614	MOREY, DARREN
618	KRAMER, D
620	ALLEN, M G
636	MCGURIE, ARLIE
640	CUMMINS, M L
644	ASH, SHEILA
656	MEYER, TONY D
660	DIXON, SHORTY
663	BOBS USED FURNITURE
701	PRICE CHOPPER
	PRICE CHOPPER SEDALIA
702	OTT, VERNA L
706	WALLACE, PAT
709	SNIP N CLIP HAIRCUT SHOPS 242
710	MAHNKEN, DAN
714	BOOKE, THOMAS
715	HARDEES FAMILY RESTAURANT
718	FINERFROCK, BARBARA L
722	LARSON, JOHN A

Target Street	Cross Street	Source
-	✓	Cole Information

S LAFAYETTE AVE 2000

501	WIEMHOLT, PAUL
519	HALTERMAN, EDWARD A
520	SMITH, ANNA
521	BREWER, JAMES R
615	STEVENS, GEORGE
617	URTON, JOHN R
623	LOVE, RENA
711	LERMA, ESTEBAN I
1202	CRAWFORD, JACOB
1701	SEDALIA EYE ASSOCIATES
	SIKOUTRIS ANTHONY S DPM
1706	PHYSICIANS & SURGEONS OPTICAL SERVICE
1708	BENNETT JOE M DO
1710	EAR NOSE & THROAT CLINIC
1712	WOOLERY WILLIAM G MD
	WOOLERY WILLIAM G MD OFFICE
	WUELLNER DAVID MD OFFICE
1715	UROLOGY MIDWEST LLC
	WEINBERGER PHILLIP C MD
	WERTH CLAUDE J MD
1800	COUSINO, FRANCIS A
1804	FOLKERTS, CARL L
1807	ALBIN, PAUL D

Target Street	Cross Street	Source
✓	-	Cole Information

E BROADWAY BLVD 1995

312	LEWIS, PAMELA
	SMITH COTTON HIGH SCHOOL
403	WHITE, JOHN T
407	OCCUPANT UNKNOWNN
409	SULLIVAN, W A
600	VINSON, SHANNON
601	SUTHERLANDS
602	PAXTON, DIANA
606	PAXTON, ROY
610	OCCUPANT UNKNOWNN
614	MOREY, HOWARD
618	AKIN, BRAD
620	ALLEN, M G
636	BALDWIN, DOROTHY M
640	CUMMINS, M L
644	OCCUPANT UNKNOWNN
648	MCNEAL, J E
652	CROOKSTON, YVONNE
656	ELLSWORTH, EMERY L
660	SPRIGG, MARY L
663	TIRE CO
664	VILLAGE VIDEO
700	OCCUPANT UNKNOWNN
701	PRICE CHOPPER
702	OCCUPANT UNKNOWNN
705	AARDVARK VIDEO
706	WALLACE, PAT
709	MEDICINE SHOPPE PHARMACY
710	MAHNKEN, DAN
711	PLACES DISCOUNT STORE
714	WRIGHT, MARY
715	HARDEES
718	GRABLE, JERRY
722	LARSON, JOHN A

Target Street	Cross Street	Source
-	✓	Cole Information

S LAFAYETTE AVE 1995

501	WIEMHOLT, PAUL
517	ALCOHOLICS ANONYMOUS
520	SMITH, ANNA
521	MEYER, DAVID J
525	OCCUPANT UNKNOWNN
605	OCCUPANT UNKNOWNN
	WOLFES JANITORIAL SVC
609	OCCUPANT UNKNOWNN
615	OCCUPANT UNKNOWNN
617	URTON, JOHN R
623	FLORES, JAL
701	WILLIAMS, LARRY
703	MCBRIDE, ANGELA
707	RUSSELL, JOHN
711	BOOTH, BRITT
1202	OCCUPANT UNKNOWNN
1701	CENTRAL MISSOURI FOOT & ANKLE
	HUBBARD, KATHRYN R
	KATHRYN R HUBBARD MD
1706	PHYSICIANS & SURGEONS OPTICAL
1708	JOE M BENNETT & ASSOC
1710	ALICE C RUTTINGER DO
	G & R HEALTH ASSOC INC
1712	DAVID WUELLNER MD
	DOAK, GREGORY A
	GREGORY DOAK MD
	SEDALIA INTERNAL MEDICINE
	WUELLNER, DAVID
1715	R STEVE FOSTER MD
1800	PETREE, JOHN
1801	DELACRUZ, SHANNON
1807	ALBIN, PAUL D

Target Street	Cross Street	Source
-	✓	Cole Information

S LAFAYETTE AVE 1992

501	WIEMHOLT, PAUL
521	MEYER, DAVID J
615	STEVENS, GEORGE
617	URTON, JOHN R
623	GUDDE, PHILLIP J
	LIVENGOOD, JIM
1202	JEFFRESS, REX
1712	COLE, WILLIAM R
1804	FOLKERTS, CARL L JR
1807	ALBIN, PAUL D

Target Street	Cross Street	Source
✓	-	Polk's City Directory

E BROADWAY BLVD 1987

Kenner Wm
209 Griff's Burger Bar 827-0186
MASSACHUSETTS AV
INTERSECTS
301 Saint Paul's Lutheran Church
church gds 826-1164
312 Smith-Cotton Senior High
School 826-1115
S WASHINGTON AV
INTERSECTS
403 Ruckman Clarice M ◎
827-5569
407 Duppass Don
409 Sullivan Lawrence F ◎
826-3343
413 Foster Jerry P ◎
417★Foster Pauletta S ◎
423 Williams Daisy
Upstairs★Coaper Jackie

Target Street	Cross Street	Source
✓	-	Polk's City Directory

E BROADWAY BLVD 1987



E BROADWAY BLVD—Contd
LAFAYETTE AV INTERSECTS
INGRAM AV INTERSECTS
600 Danforth Edwin V ◎
826-2546
601 Sutherland Lumber Co
827-1314
604 Paxton Roy E Jr
606 Paxton Roy E 827-5458
610★Cooper Patty Mrs ◎
826-0380
614 Henricks Ray E ◎
618★Akin David B 826-7520
620 Allen Margaret ◎ 827-2351
THOMPSON AV INTERSECTS
632 Taco Grande restr 826-5090
635 Schumaker Oil Co 826-3760

Target Street	Cross Street	Source
-	✓	Polk's City Directory

S LAFAYETTE AVE 1987

LAFAYETTE AV—Contd

605 St Cyr Richd D ◎ 827-0366
609 Scott Wm J 827-1527
615 Stevens George ◎
617 Urton John R ◎ 826-1639
623 Vacant
625 Vacant
E 7TH ST INTERSECTS
701★Wells Butch hot tub slsmn
826-1578
703★Williams Fay G
707 Smith Jessie W ◎ 826-3667
711 Miller Roy L
720★Williams Daisy M
E BROADWAY ST
INTERSECTS

14

(NOT OPEN BET BROADWAY
ST AND E 10TH ST)
E 10TH ST INTERSECTS
E 11TH ST INTERSECTS
E 12TH ST INTERSECTS
1202★Jeffress Rex ◎ 826-8458
E 13TH ST INTERSECTS
E 14TH ST INTERSECTS
E 15TH ST INTERSECTS
(ES NOT OPEN)
E 16TH ST INTERSECTS

16

E 17TH INTERSECTS

Target Street	Cross Street	Source
✓	-	Polk's City Directory

E BROADWAY BLVD 1982

MASSACHUSETTS AV
INTERSECTS
301 Saint Paul's Lutheran Church
826-1164
312 Smith-Cotton Senior High
School 826-1115
S WASHINGTON AV
INTERSECTS
320 Smith-Cotton Senior High
Sch 826-9813
403 Ruckman C M ◎ 827-1521
407 Bale Louis ◎ 826-0917
409 Vacant
413 Foster Jerry P ◎ 826-6120
417 Foster Sue ◎
423 Maschmeyer Debbie
LAFAYETTE AV INTERSECTS
INGRAM AV INTERSECTS
600 Danforth Edwin V Mrs ◎
826-2546
601 Sutherland Lumber Co
827-1314
604★Zink Sheri 827-5965
606 Vacant
610 Raabe Alma H Mrs ◎
826-5369
614★Henricks Ray ◎
618 Berger Anna K Mrs ◎
826-0881
620 Allen Margaret ◎ 827-2351
THOMPSON AV INTERSECTS
632 Taco Grande restr 826-5090
635 Schumaker Oil Co 826-3760

Target Street	Cross Street	Source
-	✓	Polk's City Directory

S LAFAYETTE AVE 1982

E 6TH ST INTERSECTS
601 Vacant
605 St Cyr Richd D ◎ 827-0366
609 Ellison Wm C ◎ 826-3926
615 Fisher Dorothy E ◎ 826-8796
617★Urton John R ◎ 826-1639
623★Deuser Ronald E 826-7442
625★Lavato Silvano 827-4331
E 7TH ST INTERSECTS
701 Wilson Beulah
703★Stephens Grace
707 Smith Jessie W lawn mower repr ◎ 826-3667
711 Vacant
720 No Return
E BROADWAY ST INTERSECTS

14

(NOT OPEN BET BROADWAY ST AND E 10TH ST)
E 10TH ST INTERSECTS
E 11TH ST INTERSECTS
E 12TH ST INTERSECTS
1202 Vacant
E 13TH ST INTERSECTS
E 14TH ST INTERSECTS
E 15TH ST INTERSECTS
(ES NOT OPEN)
E 16TH ST INTERSECTS

16

Target Street	Cross Street	Source
✓	-	Polk's City Directory

E BROADWAY BLVD 1977

E BROADWAY ST—Contd
121 Dick's 66 Service 826-9785
S LAMINE AV INTERSECTS
201 Broadway Arms Apartments 827-2519
1 Walker Lillina Mrs 826-7202
2 Eaker Evelyn 826-1294
3★Thompson Florence
4★Newman Pearl A 826-5339
5★Momberg Ethel M 826-5699
6 Waite Doretta H Mrs 826-1545
7★Dietzman Roy K 826-6631
8 Adams Alma L 826-2704
9★Crabtree Clyde S
10★Wilson C G 826-9094
11 Bockelman
12★Lake Carla 827-3448
13★Shaffie Shahida 826-6881
14 Kyger Sylvia Mrs 827-2561
15★Shaw J D 826-2473
16 Berbaties
17 Brown Charles W 826-9266
18★Daleen K D 826-2319
19★Henderson Chester 826-2982
20 Herzburg David 826-2496
21★Hardin Elaine B 826-0614
22★Worley L B 827-0642
23★Cunningham Lyle 826-1458
24 Dodson
25★Pruitt John R 826-1879
26 Horn
27★Wilson Ralph H 826-6136
209 Griff's Burger Bar 827-0186
MASSACHUSETTS AV INTERSECTS
301 Saint Paul's Lutheran Church 826-1164
312 Smith-Cotton Senior High School 826-1115
S WASHINGTON AV INTERSECTS
320 Smith-Cotton Sr Hi Sch (Phys Educ & Arts Bldg) 826-9813
403 Ruckman Clarice M ◎ 827-1521
407★Vansell Richd
409 Sullivan Lawrence F ◎
413 Foster Jerry P ◎ 826-7423
417 Vacant
423 No Return
LAFAYETTE AV INTERSECTS
M-K-T RR OVERPASS
MO PAC RR OVERPASS
INGRAM AV BEGINS
600 Danforth Edwin V ◎ 826-2546
601 Sutherland Lumber Co 827-1314
604 Vacant
606 Vacant
610 Raabe Walter R ◎ 826-5369
614 Henricks Ray E ◎ 826-3669
618 Berger Anna K Mrs ◎ 826-0881
620 Marriott Clyde I Jr ◎
THOMPSON AV INTERSECTS
632 Taco Grande restr 826-5090
635 Sun Oil Co bulk plant 826-3760
636 Wright Earl J 827-2974
640 Cummins Ralph W ◎ 826-2536
641 Hudson Oil Co Of Delaware Inc gas sta 826-9733
644 Homan Cline B ◎ 826-7318
648 Mc Neal Marie J Mrs ◎ 827-0268
652 Mickens Jasper W ◎ 827-0652
656 Ellsworth Emery L ◎ 827-0568
660 Cairer Glenn A ◎ 827-1908
662½ George's Barber Shop 826-9650
663 Oakwood Oil Co oil marketers 826-1300
664 Superior Supply Co refgr air cndtg htg prts whol 827-3930
664½★Rains Jerry 827-3275
HANCOCK AV INTERSECTS
700 Anton Raymond E ◎ 826-2510
702★Proffit Christina M
703 Headquarters Package Liquor liquor retail 827-0190
705 Tullis-Hall Dairy Stores dairy products retail 826-3005
706 Wallace Patk A ◎ 826-8363
709 Medicine Shoppe pharmacy 827-2121
711 T G & Y Family Center variety store 826-4512
710 Goodwin Juanita Mrs 827-1562
701 Consumers Market groceries 827-3190
714 Wright Mary M ◎ 826-2984
715 Hardee's Restaurant 826-3559

Target Street	Cross Street	Source
-	✓	Polk's City Directory

S LAFAYETTE AVE 1977

LAFAYETTE AV—Contd

625 Butler Mary A Mrs ◎
826-6283
E 7TH ST INTERSECTS
701★Butler Stella
703 Smith Winston M 826-8010
707 Smith Jessie W lawn mower repr ◎ 826-3667
711 Vacant
E BROADWAY ST INTERSECTS

14

(NOT OPEN BET BROADWAY ST AND E 10TH ST)
E 10TH ST INTERSECTS
E 11TH ST INTERSECTS
E 12TH ST INTERSECTS
1202 Caldwell Amy R 826-7490
E 13TH ST INTERSECTS
E 14TH ST INTERSECTS
E 15TH ST INTERSECTS
(ES NOT OPEN)
E 16TH ST INTERSECTS

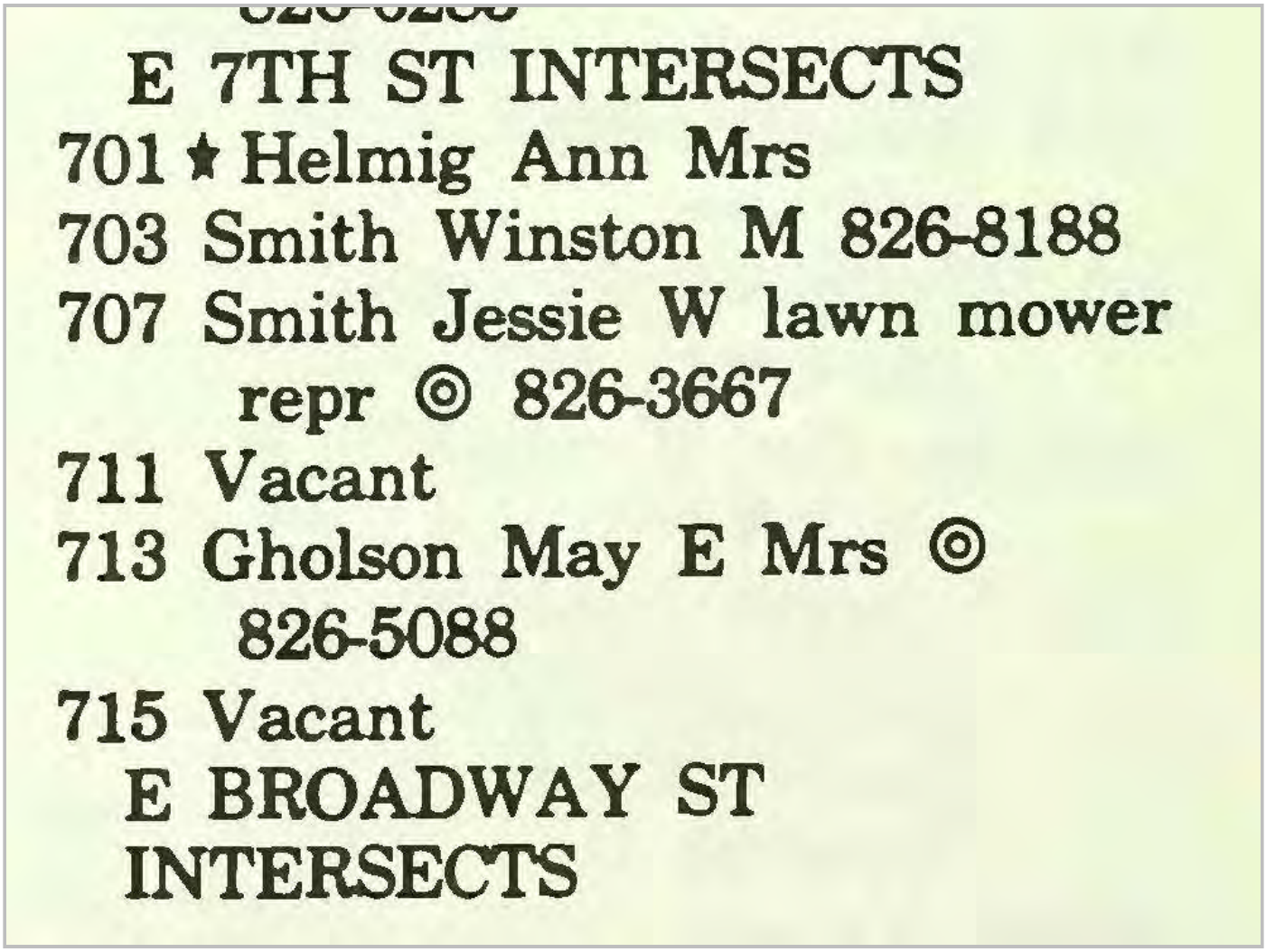
Target Street	Cross Street	Source
✓	-	Polk's City Directory

E BROADWAY BLVD 1972

MASSACHUSETTS AV
INTERSECTS
301 Saint Paul's Lutheran Church
826-1164
310 Smith-Cotton Junior-Senior
High School 826-1115
City Board Of Educ 826-1054
City Superintendent Of
Schools 826-1054
311 Geffert Melvin R Rev
826-1164
312 Pettis County Heart Council
826-1054
315 Pugh Ethel M Mrs 827-1770
Mc Farland Dorothy E Mrs
826-4931
Dorothy Mac's Beauty Salon
826-4931
319 Apartments
A Balaberda Esther Mrs
826-4767
B Vacant
C No Return
D Prall Harriett I Mrs
S WASHINGTON AV
INTERSECTS
320 Smith-Cotton Jr-Sr Hi Sch
(Phys Educ & Arts Bldg)
826-9813
409 Sullivan Lawrence F ◎
826-3343
413 Foster Jerry P ◎ 826-7423
417 Vacant
423 Whitehead Henry E 826-0438
LAFAYETTE AV INTERSECTS
M-K-T RR OVERPASS
MO PAC RR OVERPASS
INGRAM AV BEGINS
INGRAM AV BEGINS
600 Danforth Edwin V ◎
826-2546
601 Under Constn
604 Mullineaux Lola C Mrs
826-6882
606 No Return
609 Vacant
610 Raabe Walter R ◎ 826-5369
614 Henricks Ray E ◎ 826-3669
618 Berger Anna K Mrs ◎
826-0881
620 Vacant
629 Vacant
THOMPSON AV INTERSECTS
632 Vacant
635 Sun Oil Co bulk plant
826-3760

Target Street	Cross Street	Source
-	✓	Polk's City Directory

S LAFAYETTE AVE 1972



E 7TH ST INTERSECTS

701 ★ Helmig Ann Mrs

703 Smith Winston M 826-8188

707 Smith Jessie W lawn mower repr ◎ 826-3667

711 Vacant

713 Gholson May E Mrs ◎ 826-5088

715 Vacant

E BROADWAY ST INTERSECTS

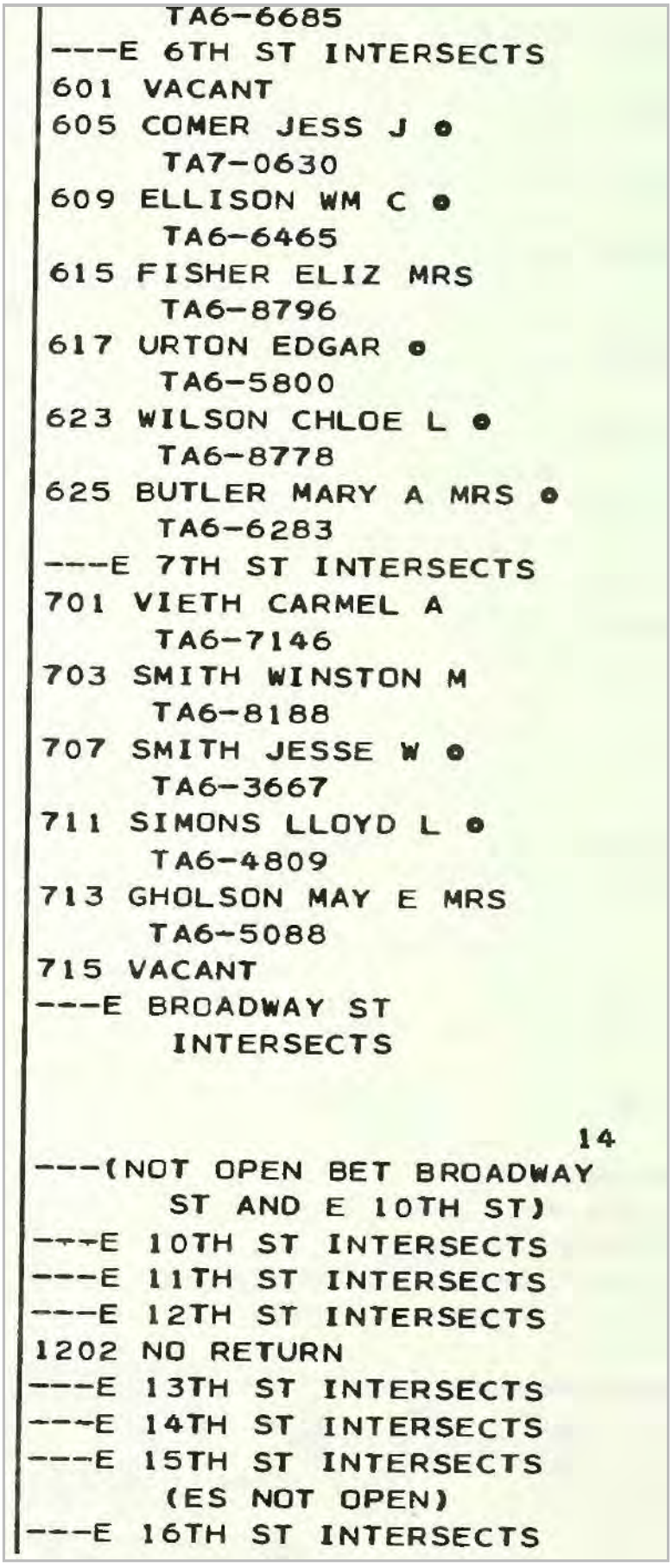
Target Street	Cross Street	Source
✓	-	Polk's City Directory

E BROADWAY BLVD 1967

BROADWAY ST EAST—CONTD
BROADWAY ARMS APTS—CONTD
25 HUGHES A HOWARD TA6-5037
26 VACANT
27 GENTRY CHARLES TA6-4431
209 GRIFFS BURGER BAR RESTR TA7-0186
216 VACANT
---MASSACHUSETTS AV INTERSECTS
301 SAINT PAUL'S LUTHERAN CHURCH TA6-1164
310 SMITH-COTTON JUNIOR-SENIOR HIGH SCHOOL TA6-1115
CITY BOARD OF EDUC TA6-1054
CITY SUPERINTENDENT OF SCHOOLS TA6-1054
REV TA6-1164
312 PETTIS COUNTY HEART COUNCIL TA6-1054
315 LAWRENCE HAZEL MRS TA6-1305
MC FARLAND DOROTHY E MRS TA6-4931
DOROTHY MAC'S BEAUTY SALON TA6-4931
319 APARTMENTS
A VACANT
B VACANT
C VACANT
D VACANT
---S WASHINGTON AV INTERSECTS
320 SMITH-COTTON JR-SR HI SCH (PHYS EDUC & ARTS BG) TA6-1115
403 COFFMAN TOMMY L • TA6-1241
407 DICK LELIA M MRS • TA6-6037
409 SULLIVAN JOSEPHINE MRS • TA6-3343
413 FOSTER JERRY P •
417 VACANT
423 STRINGER BEULA L MRS TA6-3838
423½ JONES BEULAH F MRS TA6-1365
---LAFAYETTE AV INTERSECTS
---M-K-T RR OVERPASS
---MO PAC RR OVERPASS
---INGRAM AV BEGINS
---INGRAM AV BEGINS
600 DANFORTH EDWIN V • TA6-2546
601 CENTRAL COAL & HEATING CO TA6-1991
604 MULLINEAUX LOLA C MRS TA6-6882
606 EATON IDA TA9-9996
609 MOBIL OIL CO TA6-8066
610 RAABE WALTER R • TA6-5369
614 HENRICKS RAY E • TA6-3669
618 BERGER ANNA K MRS • TA6-0881
620 SIMS RUSSELL H • TA6-6659
629 PALMER TOOL & SUPPLY DLR WHOL TA6-0841
REAR TEXACO INC (BULK STA) TA6-0439
---THOMPSON AV INTERSECTS
632 VACANT
635 SUNRAY D-X OIL CO BULK PLANT TA6-3760
636 TRUE CARE BEAUTY SALON TA6-3742
JOHNSON LAURENCE W TA6-2130
640 CUMMINS RALPH W • TA6-2536
641 HUDSON OIL CO GAS STA TA6-9733
644 HOMAN CLINE B • TA6-7318
648 SCHUPP PAUL C • TA7-0268
652 MICKENS JASPER W • TA7-0652
656 ELLSWORTH EMERY L • TA7-0568
660 JONES HAROLD C • TA6-3137
662½ GEORGE'S BARBER SHOP TA6-6066
663 HANNING BULK STATION GAS & OIL TA6-1300
664 FOOD LAND GRO TA6-2677
---HANCOCK AV INTERSECTS
700 ANTON RAYMOND E • TA6-2510
702 PAXTON EVELYN MRS TA6-3543
706 CONNELL IDA MRS • TA6-2927
710 REQUE JOHN S TA7-1046
714 WRIGHT MARY M • TA6-2984
718 ADAMS ALMA L • TA6-2704
722 LARSON JOHN A • TA7-0972
---MARVIN AV INTERSECTS
803 BOHON CECIL W • TA6-3512
808 DIAL'S APCO SERVICE GAS STA TA6-9720
809 BROADWAY CHIROPRACTIC OFFICE TA6-7941
RODEWALD JOSEPH J • TA6-7941
813 COLLINS LAWRENCE E • TA6-4192
815 COLLINS REAL ESTATE TA6-3051
820 QWIKE COIN-OPR CAR WASH
---MONTGOMERY AV INTERSECTS

Target Street	Cross Street	Source
-	✓	Polk's City Directory

S LAFAYETTE AVE 1967



TA6-6685
---E 6TH ST INTERSECTS
601 VACANT
605 COMER JESS J ●
TA7-0630
609 ELLISON WM C ●
TA6-6465
615 FISHER ELIZ MRS
TA6-8796
617 URTON EDGAR ●
TA6-5800
623 WILSON CHLOE L ●
TA6-8778
625 BUTLER MARY A MRS ●
TA6-6283
---E 7TH ST INTERSECTS
701 VIETH CARMEL A
TA6-7146
703 SMITH WINSTON M
TA6-8188
707 SMITH JESSE W ●
TA6-3667
711 SIMONS LLOYD L ●
TA6-4809
713 GHOLSON MAY E MRS
TA6-5088
715 VACANT
---E BROADWAY ST
INTERSECTS

14
---(NOT OPEN BET BROADWAY
ST AND E 10TH ST)
---E 10TH ST INTERSECTS
---E 11TH ST INTERSECTS
---E 12TH ST INTERSECTS
1202 NO RETURN
---E 13TH ST INTERSECTS
---E 14TH ST INTERSECTS
---E 15TH ST INTERSECTS
(ES NOT OPEN)
---E 16TH ST INTERSECTS

Target Street	Cross Street	Source
✓	-	Polk's City Directory

E BROADWAY BLVD 1964

Massachusetts av intersects
301 St Paul's Lutheran Church
TA6-9613
310 Smith-Cotton Jr-Sr High
Sch TA 6-1115 TA 6-1116
310 City Supt of Schs TA6-1054
City Bd of Educ TA6-1054
311 Strickert Walter F Rev
TA6-1164
315 Smith Norman L TA7-0183
McFarland Dorothy E
Mrs TA6-4931
Dorothy Mac's Beauty Salon
TA6-4931
Lawrence Hazel Mrs
319 Campbell Nannie E Mrs
TA7-0336
Elam Richd L
S Washington av intersects (ss not open)
403 Nelson Byron B
407 Dick Henry F ◎ TA6-6037
409 Sullivan Josephine Mrs ◎
TA6-3343
413 Foster Jerry P ◎
417 Brooks Eliz A Mrs ◎
TA6-6763
423 Fisher Eliz C Mrs TA6-8796
Lafayette av intersects
M-K-TRR overpass
MoPacRR overpass
Ingram av begins
600 Danforth Edwin V ◎
pntr TA6-2546
601 Central Coal & Htg Co
TA 6-1991
602 Ralston Wm
604 Loughridge Billy E
606 Hatfield Ray V TA6-6841
609 Mobil Oil Co TA6-8066
610 Raabe Walter R ◎
TA6-5369
614 Hall Mettie Mrs ◎ TA6-6929
618 Berger Herman G ◎
TA6-0881
620 Sims Russell H ◎ TA 6-6659
629 Texaco Inc (bulk sta)
TA6-0439
Broadway Transmission
TA6-3024
Thompson av intersects (ns not open)
632 Broadway Drive In
TA6-9612
634 DeJarnette John ◎
TA6-7400

Target Street	Cross Street	Source
-	✓	Polk's City Directory

S LAFAYETTE AVE 1964

E 6th intersects (es not open)

601 Stroup Ola Mrs ◎ TA 6-5380
605 Comer Jess J ◎ TA 7-0630
609 Ellison Wm C ◎ TA 6-3926
615 Vacant
617 Urton Edgar ◎ TA 6-5800
623 Wilson Chloe L ◎ TA 6-8778
625 Butler Mary A Mrs TA 6-6283

E 7th intersects (es not open)

701 Rummill Albert F
703 Russell Dave
707 Smith Jesse W ◎ TA 6-3667
711 Simons Lloyd L TA 6-4809

Target Street	Cross Street	Source
-	✓	Polk's City Directory

S LAFAYETTE AVE 1964



Lafayette Avenue—Contd
713 Gholson May E Mrs ◎ TA 6-5088
715 Richards Louis
E Broadway intersects

(not open bet Broadway and E 10th)
E 10th intersects
E 11th intersects
1108 Thompson Ivan B
E 12th intersects
1202 Christian H P
E 13th intersects
E 14th intersects
E 15th intersects (es not open)
E 16th intersects

Target Street	Cross Street	Source
✓	-	Polk's City Directory

E BROADWAY BLVD 1960

sects

301 St Paul's Lutheran
Church △TA6-9613

310 Smith-Cotton Jr-Sr
High Sch △TA6-4944
△TA6-1034 △TA6-6828
Bd of Educ △TA6-1054

311 Strickert Walter F Rev
△TA6-1164

315 Smith Norman L
△TA7-0183

315½ McFarland Dorothy E
Mrs △TA6-4931

319 Under Constn

S Washington av inter-
sects (ss not open)

403 Doty Jas F ◎ △TA6-3564
Doty & Hall contrs
△TA6-3564

407 Dick Henry F ◎
△TA6-6037

409 Sullivan Josephine Mrs ◎
△TA6-3343

413 Foster Jerry P ◎

417 Brooks Eliz A Mrs ◎
△TA6-6763

423 Fisher Thos J
△TA6-9239

West Myrtle Mrs

Target Street	Cross Street	Source
✓	-	Polk's City Directory

E BROADWAY BLVD 1960

BROADWAY E–Contd

Lafayette av intersects
M-K-T RR overpass
MoPacRR overpass
Ingram av begins

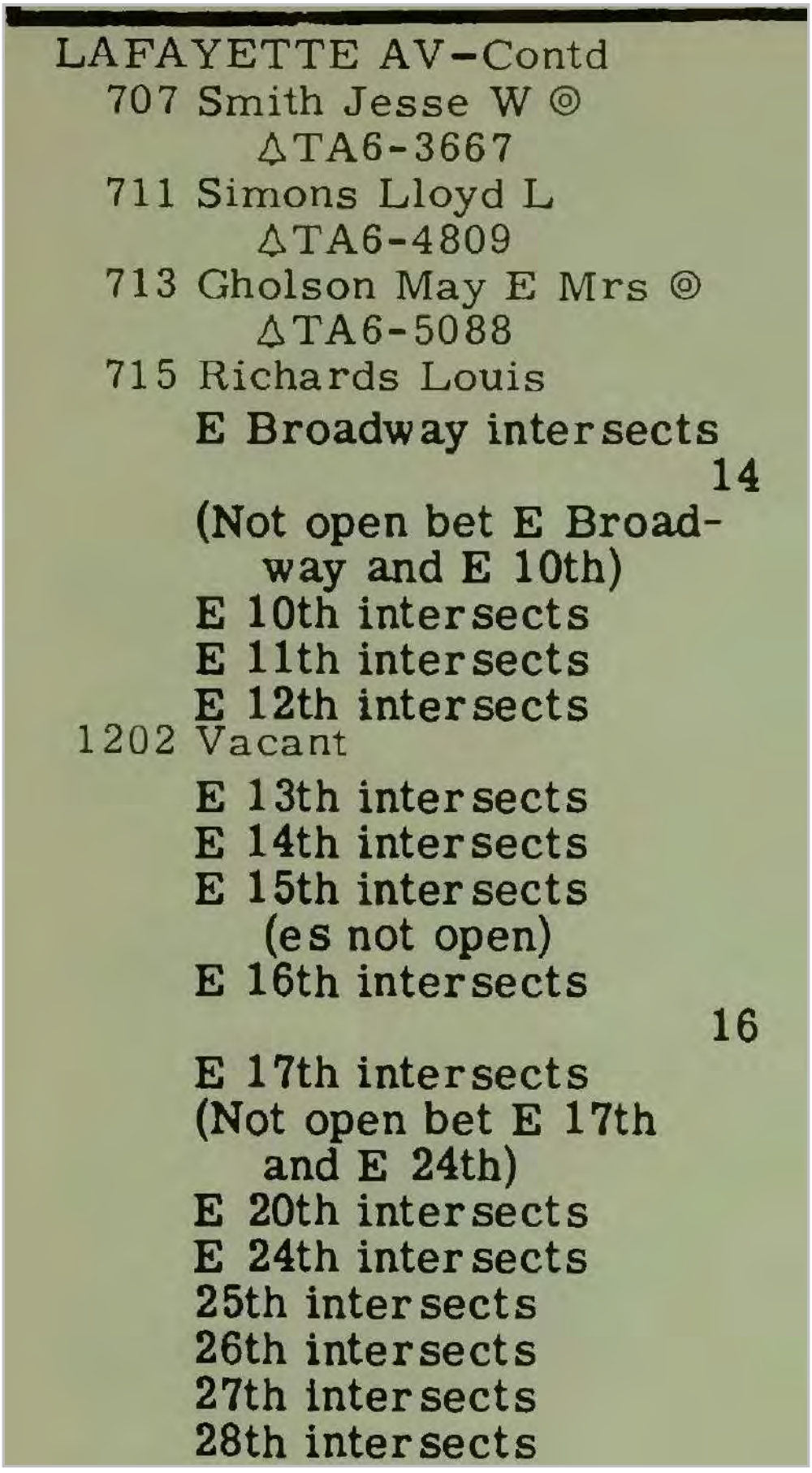
600 Danforth Edwin V ◎
pntr ΔTA6-2546
601 Central Coal & Htg Co
ΔTA6-1991
604 Anson Della L Mrs
ΔTA6-8948
606 Phillips Barrie Mrs
ΔTA6-5668
609 Mobil Oil Co
610 Raabe Walter R ◎
ΔTA6-5369
614 Stone Hurt H ΔTA6-8169
618 Berger Herman G ◎
ΔTA6-0881
620 Sims Russell H ◎
ΔTA6-6659
629 Texaco Inc bulk sta
ΔTA6-0439

Thompson av intersects
(ns not open)

632 Rutledge Wm R
634 McCown Morris P ◎
ΔTA6-3700
635 D X Sunray bulk plant
ΔTA6-3760
636 Kelso David G ◎
ΔTA6-6931
640 Cummins Ralph W ◎
ΔTA6-2536
641 Hudson Oil Co bulk oil
and gas sta ΔTA6-9733

Target Street	Cross Street	Source
-	✓	Polk's City Directory

S LAFAYETTE AVE 1960



LAFAYETTE AV-Contd
707 Smith Jesse W ◎
△TA6-3667
711 Simons Lloyd L
△TA6-4809
713 Gholson May E Mrs ◎
△TA6-5088
715 Richards Louis
E Broadway intersects
14
(Not open bet E Broadway and E 10th)
E 10th intersects
E 11th intersects
E 12th intersects
1202 Vacant
E 13th intersects
E 14th intersects
E 15th intersects
(es not open)
E 16th intersects
16
E 17th intersects
(Not open bet E 17th and E 24th)
E 20th intersects
E 24th intersects
25th intersects
26th intersects
27th intersects
28th intersects

APPENDIX C

Aerial Photographs

Proposed Development - Sedalia, MO

East Broadway Boulevard

Sedalia, MO 65301

Inquiry Number: 7900511.8

February 18, 2025

The EDR Aerial Photo Decade Package

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

EDR Aerial Photo Decade Package

02/18/25

Site Name:

Proposed Development - Seda
East Broadway Boulevard
Sedalia, MO 65301
EDR Inquiry # 7900511.8

Client Name:

AP Engineering & Consulting, Inc
6135 West 400 North
Greenfield, IN 46140
Contact: Alli Schmitt

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

Search Results:

Year	*Scale*	*Details*	*Source*
2020	1"=500'	Flight Year: 2020	USDA/NAIP
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
2000	1"=500'	Acquisition Date: January 01, 2000	USGS/DOQQ
1990	1"=500'	Acquisition Date: March 02, 1990	USGS/DOQQ
1986	1"=500'	Flight Date: March 29, 1986	USDA
1980	1"=500'	Flight Date: April 22, 1980	USGS
1977	1"=500'	Flight Date: April 08, 1977	USGS
1972	1"=500'	Flight Date: April 22, 1972	USGS
1950	1"=500'	Flight Date: March 06, 1950	USGS

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= 500'
N
EDR


INQUIRY #: 7900511.8
YEAR: 2016
= 500'
N
EDR


INQUIRY #: 7900511.8
YEAR: 2012
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EDR


INQUIRY #: 7900511.8
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EDR


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YEAR: 2006
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EDR


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YEAR: 2000
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EDR


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YEAR: 1990
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EDR
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EDR



INQUIRY #: 7900511.8

YEAR: 1980

= 500'

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EDR

Subject boundary not shown because it exceeds image extent or image is not georeferenced.


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YEAR: 1977
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EDR


INQUIRY #: 7900511.8
YEAR: 1972
= 500'
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EDR


INQUIRY #: 7900511.8
YEAR: 1950
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EDR
Subject boundary not shown because it exceeds image extent or image is not georeferenced.

APPENDIX D

Sanborn Fire Insurance Map Coverage

Proposed Development - Sedalia, MO

East Broadway Boulevard

Sedalia, MO 65301

Inquiry Number: 7900511.3

February 19, 2025

Certified Sanborn® Map Report

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

Certified Sanborn® Map Report

02/19/25

Site Name:

Proposed Development - Seda
East Broadway Boulevard
Sedalia, MO 65301
EDR Inquiry # 7900511.3

Client Name:

AP Engineering & Consulting, Inc
6135 West 400 North
Greenfield, IN 46140
Contact: Alli Schmitt

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The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # F8B2-465A-9927

PO # 2024-518

Project City of Sedalia

Maps Provided:

1963
1948
1925
1914
1908
1898
1892
1888

Sanborn® Library search results

Certification #: F8B2-465A-9927

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

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

The Sanborn Library LLC Since 1866™

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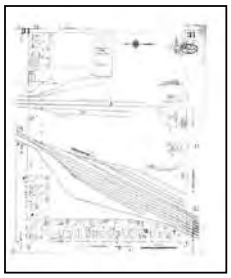
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Sanborn Sheet Key

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

1963 Source Sheets



Volume 1, Sheet 31
1963



Volume 1, Sheet 34
1963



Volume 1, Sheet 27
1963



Volume 1, Sheet 32
1963



Volume 1, Sheet 28
1963

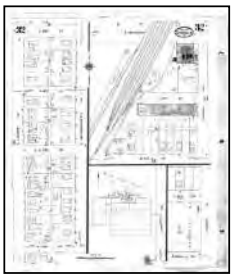
1948 Source Sheets



Volume 1, Sheet 28
1948



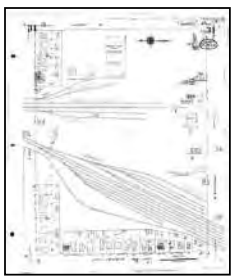
Volume 1, Sheet 27
1948



Volume 1, Sheet 32
1948



Volume 1, Sheet 34
1948

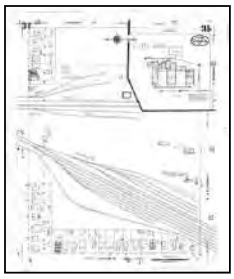


Volume 1, Sheet 31
1948

Sanborn Sheet Key

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1925 Source Sheets



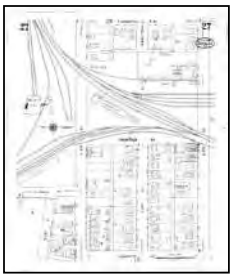
Volume 1, Sheet 31
1925



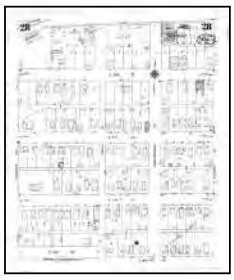
Volume 1, Sheet 34
1925



Volume 1, Sheet 32
1925



Volume 1, Sheet 27
1925



Volume 1, Sheet 28
1925

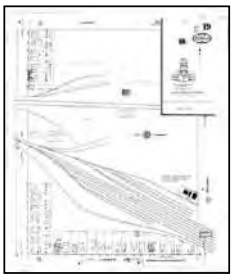
1914 Source Sheets



Volume 1, Sheet 11
1914

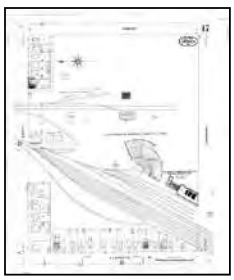


Volume 1, Sheet 22
1914



Volume 1, Sheet 19
1914

1908 Source Sheets



Volume 1, Sheet 17
1908



Volume 1, Sheet 20
1908



Volume 1, Sheet 10
1908

Sanborn Sheet Key

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1898 Source Sheets



Volume 1, Sheet 15
1898



Volume 1, Sheet 8
1898



Volume 1, Sheet 14
1898

1892 Source Sheets



Volume 1, Sheet 9
1892



Volume 1, Sheet 15
1892



Volume 1, Sheet 8
1892

1888 Source Sheets



Volume 1, Sheet 8
1888



Volume 1, Sheet 9
1888



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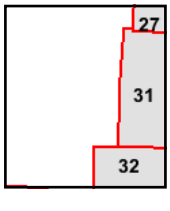
Certification #F8B2-465A-9927

Site Name:	Proposed Development - Sedalia, MO
Address:	East Broadway Boulevard
City, ST, ZIP:	Sedalia, MO 65301
Client:	AP Engineering & Consulting, Inc
EDR Inquiry:	7900511.3
Order Date:	02/19/2025
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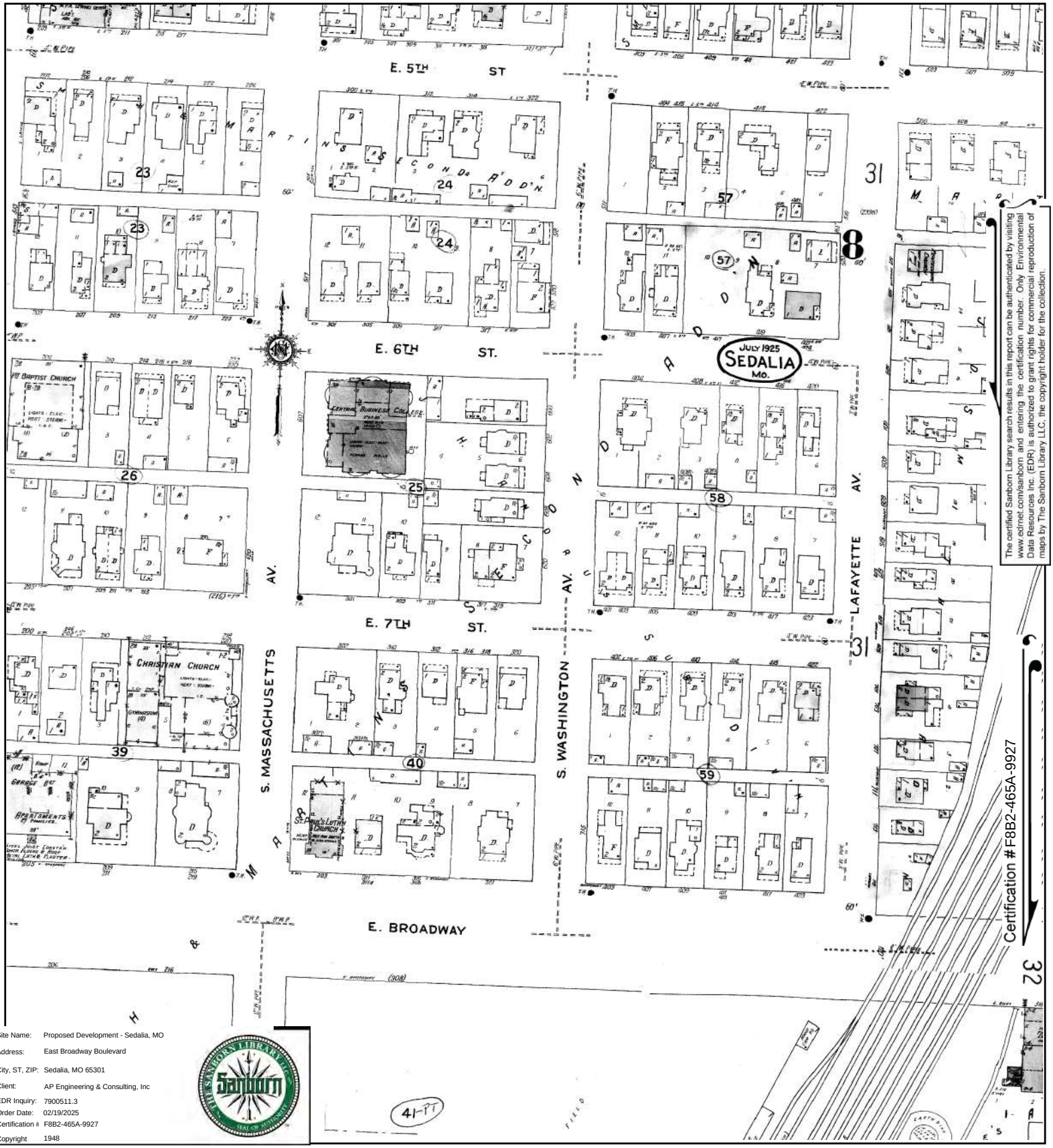
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Volume 1, Sheet 28
Volume 1, Sheet 32
Volume 1, Sheet 27
Volume 1, Sheet 34
Volume 1, Sheet 31

N



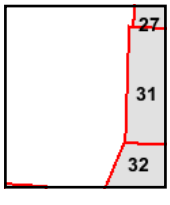
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City, ST, ZIP:	Sedalia, MO 65301
Client:	AP Engineering & Consulting, Inc
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Copyright	1948

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Volume 1, Sheet 31
Volume 1, Sheet 34
Volume 1, Sheet 32
Volume 1, Sheet 27
Volume 1, Sheet 28

0 Feet 150 300 600

N



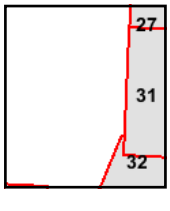
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Address:	East Broadway Boulevard
City, ST, ZIP:	Sedalia, MO 65301
Client:	AP Engineering & Consulting, Inc
EDR Inquiry:	7900511.3
Order Date:	02/19/2025
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Copyright	1925

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Volume 1, Sheet 28
Volume 1, Sheet 27
Volume 1, Sheet 32
Volume 1, Sheet 34
Volume 1, Sheet 31

0 Feet 150 300 600

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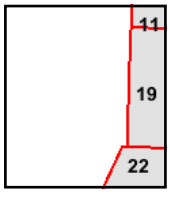


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Address:	East Broadway Boulevard
City, ST, ZIP:	Sedalia, MO 65301
Client:	AP Engineering & Consulting, Inc
EDR Inquiry:	7900511.3
Order Date:	02/19/2025
Certification #	F8B2-465A-9927
Copyright	1914

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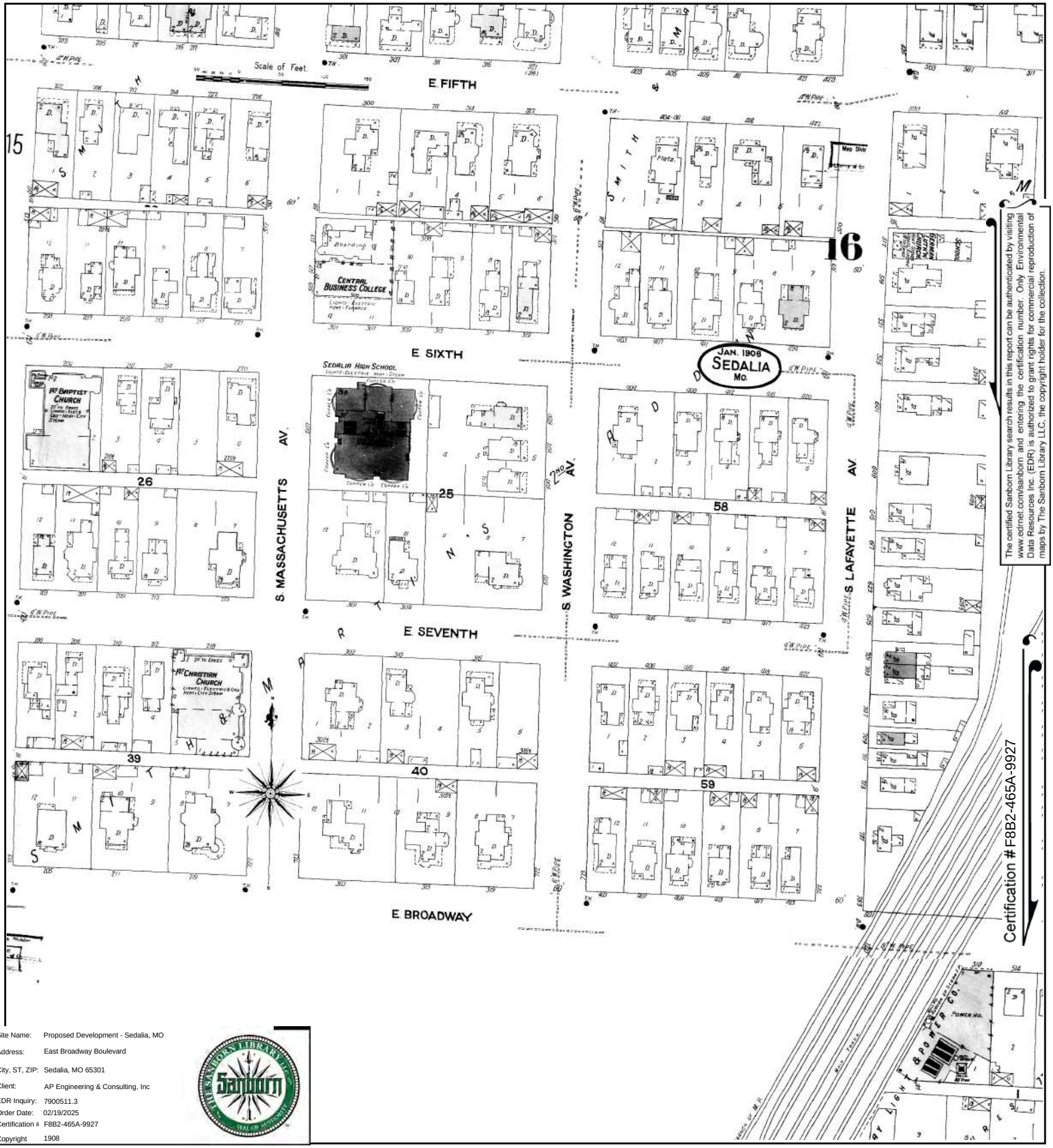




Volume 1, Sheet 19
Volume 1, Sheet 22
Volume 1, Sheet 11

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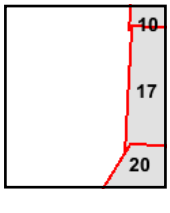
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Address:	East Broadway Boulevard
City, ST, ZIP:	Sedalia, MO 65301
Client:	AP Engineering & Consulting, Inc
EDR Inquiry:	7900511.3
Order Date:	02/19/2025
Certification #	F8B2-465A-9927
Copyright	1908

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Volume 1, Sheet 10
Volume 1, Sheet 20
Volume 1, Sheet 17

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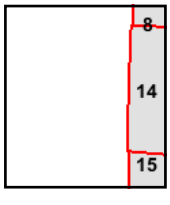


Site Name: Proposed Development - Sedalia, MO
Address: East Broadway Boulevard
City, ST, ZIP: Sedalia, MO 65301
Client: AP Engineering & Consulting, Inc
EDR Inquiry: 7900511.3
Order Date: 02/19/2025
Certification #: F8B2-465A-9927
Copyright 1898

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Volume 1, Sheet 14
Volume 1, Sheet 8
Volume 1, Sheet 15

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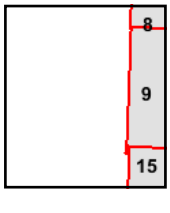


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Address:	East Broadway Boulevard
City, ST, ZIP:	Sedalia, MO 65301
Client:	AP Engineering & Consulting, Inc
EDR Inquiry:	7900511.3
Order Date:	02/19/2025
Certification #:	F8B2-465A-9927
Copyright	1892

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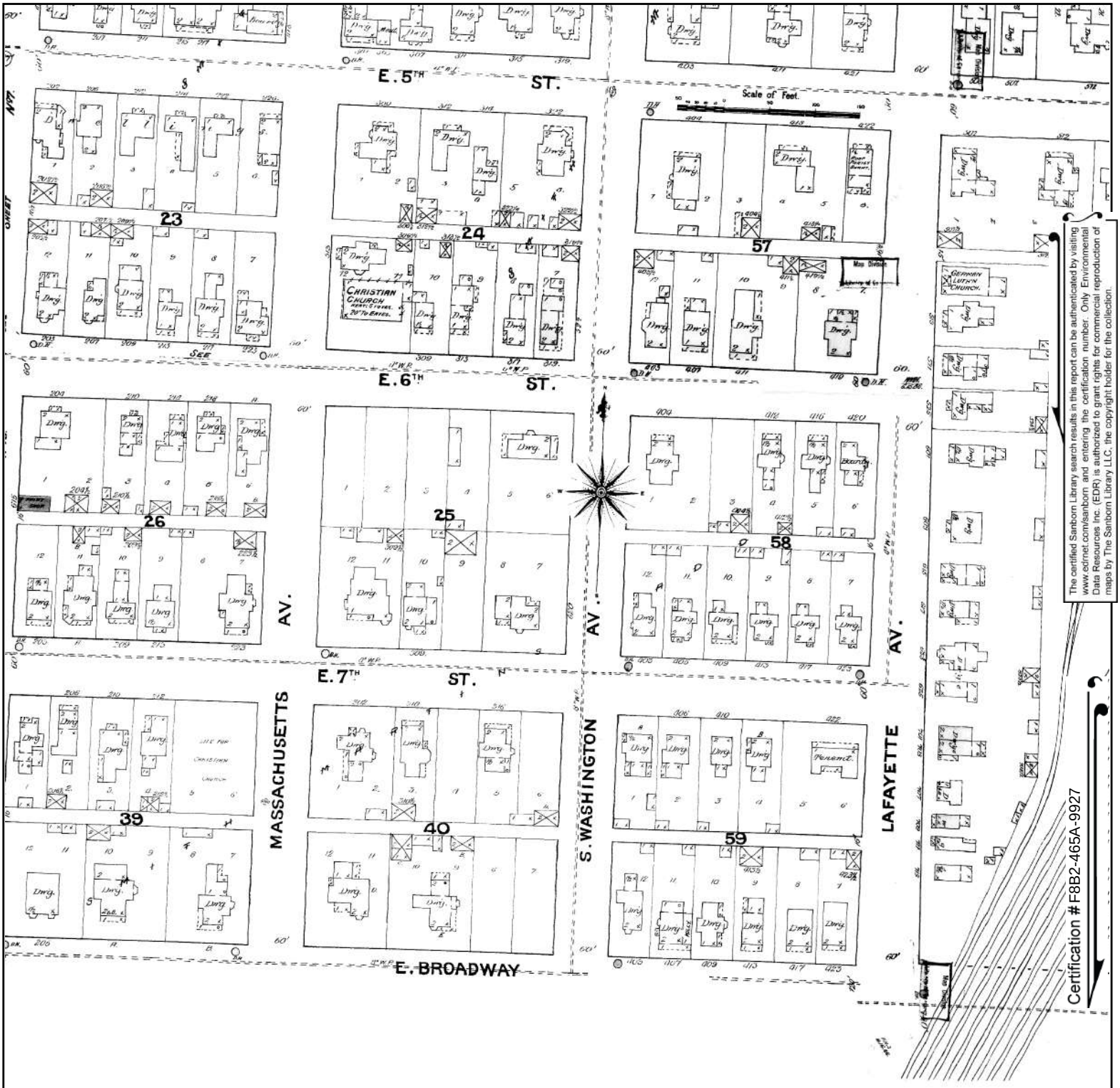




Volume 1, Sheet 8
Volume 1, Sheet 15
Volume 1, Sheet 9

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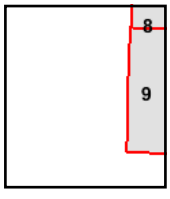


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Site Name:	Proposed Development - Sedalia, MO
Address:	East Broadway Boulevard
City, ST, ZIP:	Sedalia, MO 65301
Client:	AP Engineering & Consulting, Inc
EDR Inquiry:	7900511.3
Order Date:	02/19/2025
Certification #:	F8B2-465A-9927
Copyright	1888

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.





Volume 1, Sheet 9
Volume 1, Sheet 8

0 Feet 150 300 600

N

Proposed Development - Sedalia, MO

East Broadway Boulevard

Sedalia, MO 65301

Inquiry Number: 7900511.3

February 19, 2025

Certified Sanborn® Map Report

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

Certified Sanborn® Map Report

02/19/25

Site Name:

Proposed Development - Seda
East Broadway Boulevard
Sedalia, MO 65301
EDR Inquiry # 7900511.3

Client Name:

AP Engineering & Consulting, Inc
6135 West 400 North
Greenfield, IN 46140
Contact: Alli Schmitt

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Certified Sanborn Results:

Certification # F8B2-465A-9927

PO # 2024-518

Project City of Sedalia

Maps Provided:

1963
1948
1925
1914
1908
1898
1892
1888

Sanborn® Library search results

Certification #: F8B2-465A-9927

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

The Sanborn Library LLC Since 1866™

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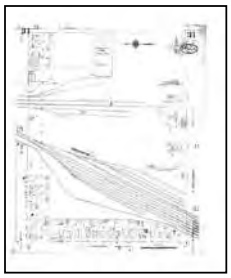
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Sanborn Sheet Key

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

1963 Source Sheets



Volume 1, Sheet 31
1963



Volume 1, Sheet 34
1963



Volume 1, Sheet 27
1963



Volume 1, Sheet 32
1963



Volume 1, Sheet 28
1963

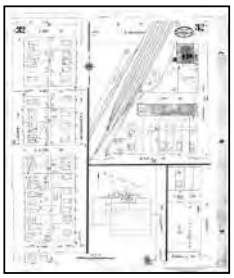
1948 Source Sheets



Volume 1, Sheet 28
1948



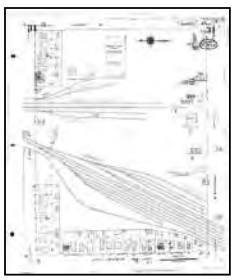
Volume 1, Sheet 34
1948



Volume 1, Sheet 32
1948



Volume 1, Sheet 27
1948

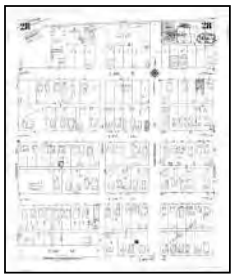


Volume 1, Sheet 31
1948

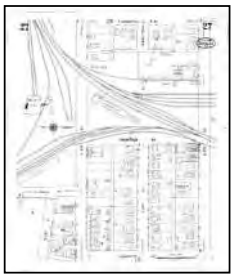
Sanborn Sheet Key

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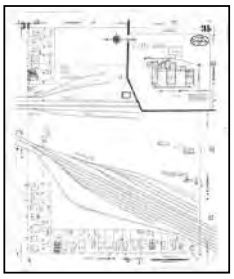
1925 Source Sheets



Volume 1, Sheet 28
1925



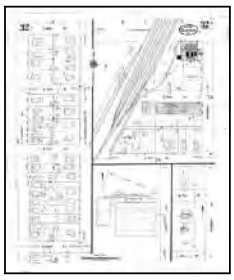
Volume 1, Sheet 27
1925



Volume 1, Sheet 31
1925



Volume 1, Sheet 34
1925



Volume 1, Sheet 32
1925

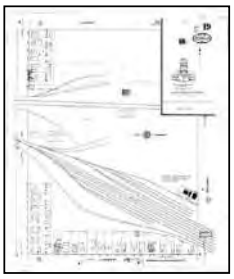
1914 Source Sheets



Volume 1, Sheet 11
1914

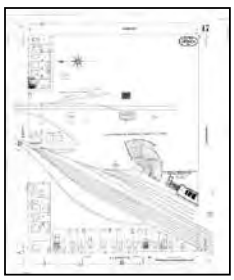


Volume 1, Sheet 22
1914



Volume 1, Sheet 19
1914

1908 Source Sheets



Volume 1, Sheet 17
1908



Volume 1, Sheet 20
1908



Volume 1, Sheet 10
1908

Sanborn Sheet Key

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

1898 Source Sheets



Volume 1, Sheet 8
1898



Volume 1, Sheet 15
1898



Volume 1, Sheet 14
1898

1892 Source Sheets



Volume 1, Sheet 9
1892



Volume 1, Sheet 8
1892



Volume 1, Sheet 15
1892

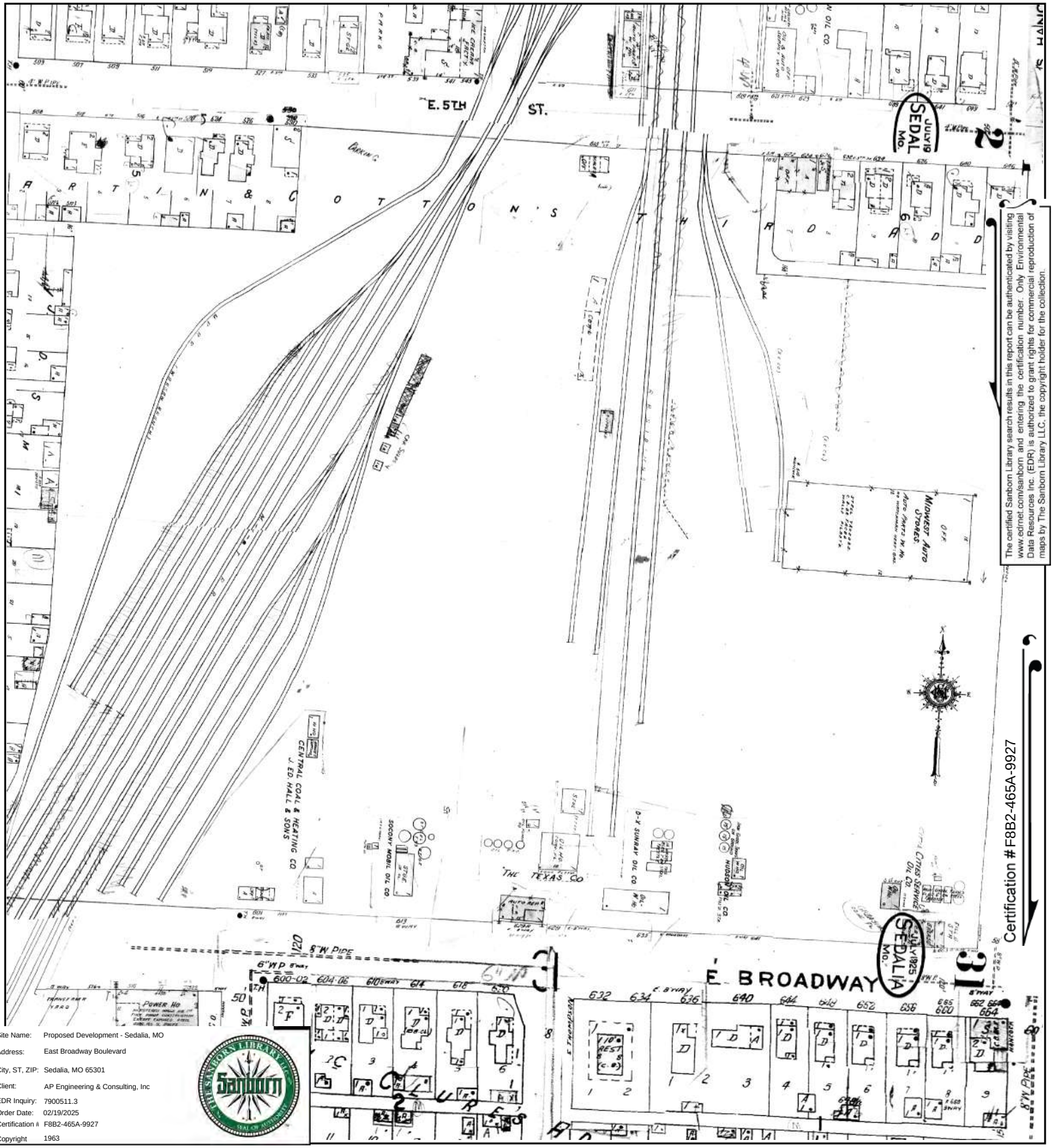
1888 Source Sheets



Volume 1, Sheet 9
1888



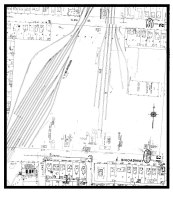
Volume 1, Sheet 8
1888

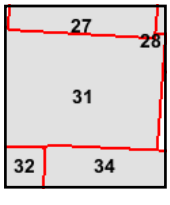


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Address:	East Broadway Boulevard
City, ST, ZIP:	Sedalia, MO 65301
Client:	AP Engineering & Consulting, Inc
EDR Inquiry:	7900511.3
Order Date:	02/19/2025
Certification #:	F8B2-465A-9927
Copyright	1963

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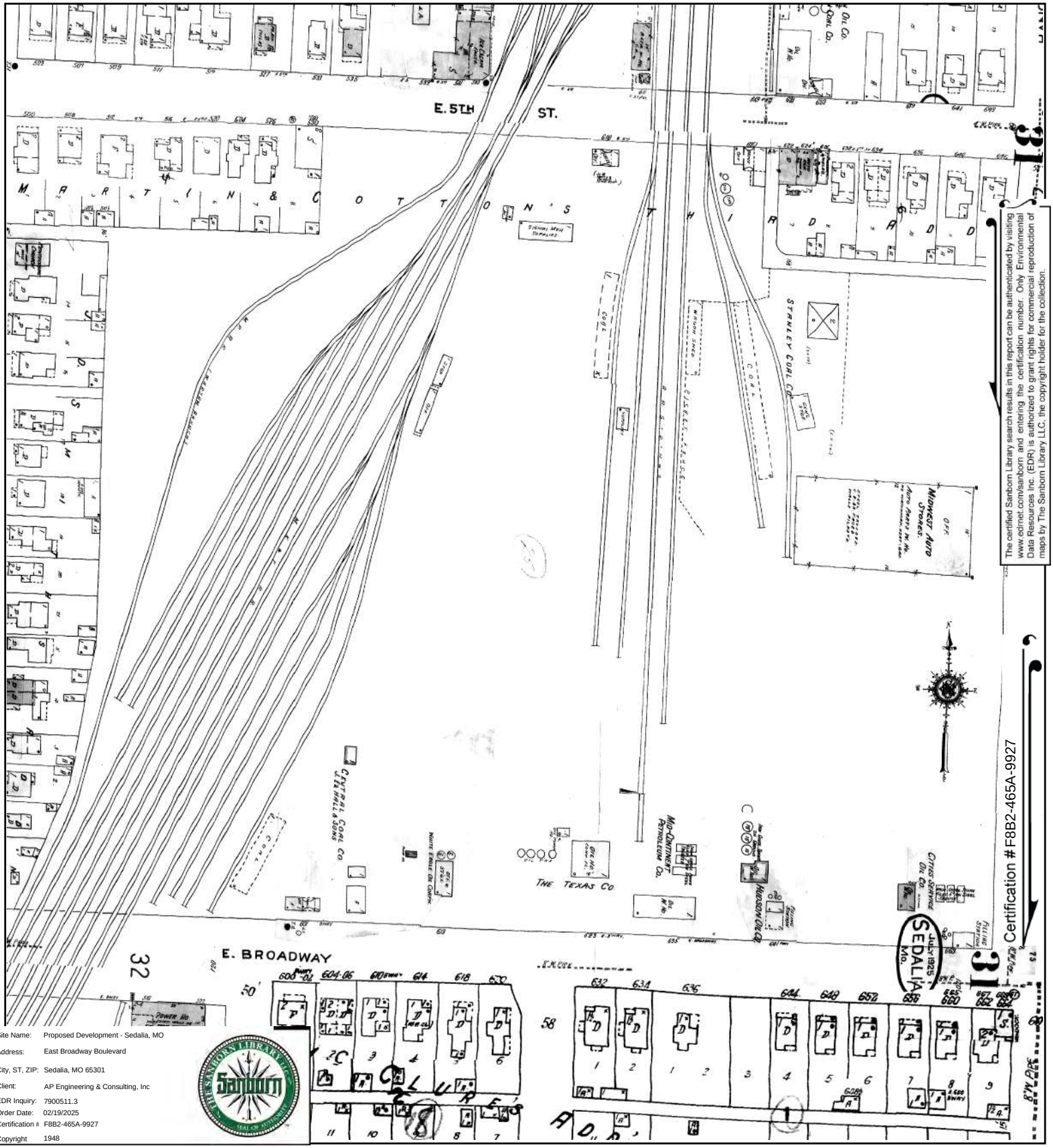




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Volume 1, Sheet 32
Volume 1, Sheet 27
Volume 1, Sheet 34
Volume 1, Sheet 31

0 Feet 150 300 600

N

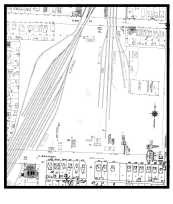


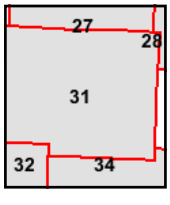
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Copyright	1948

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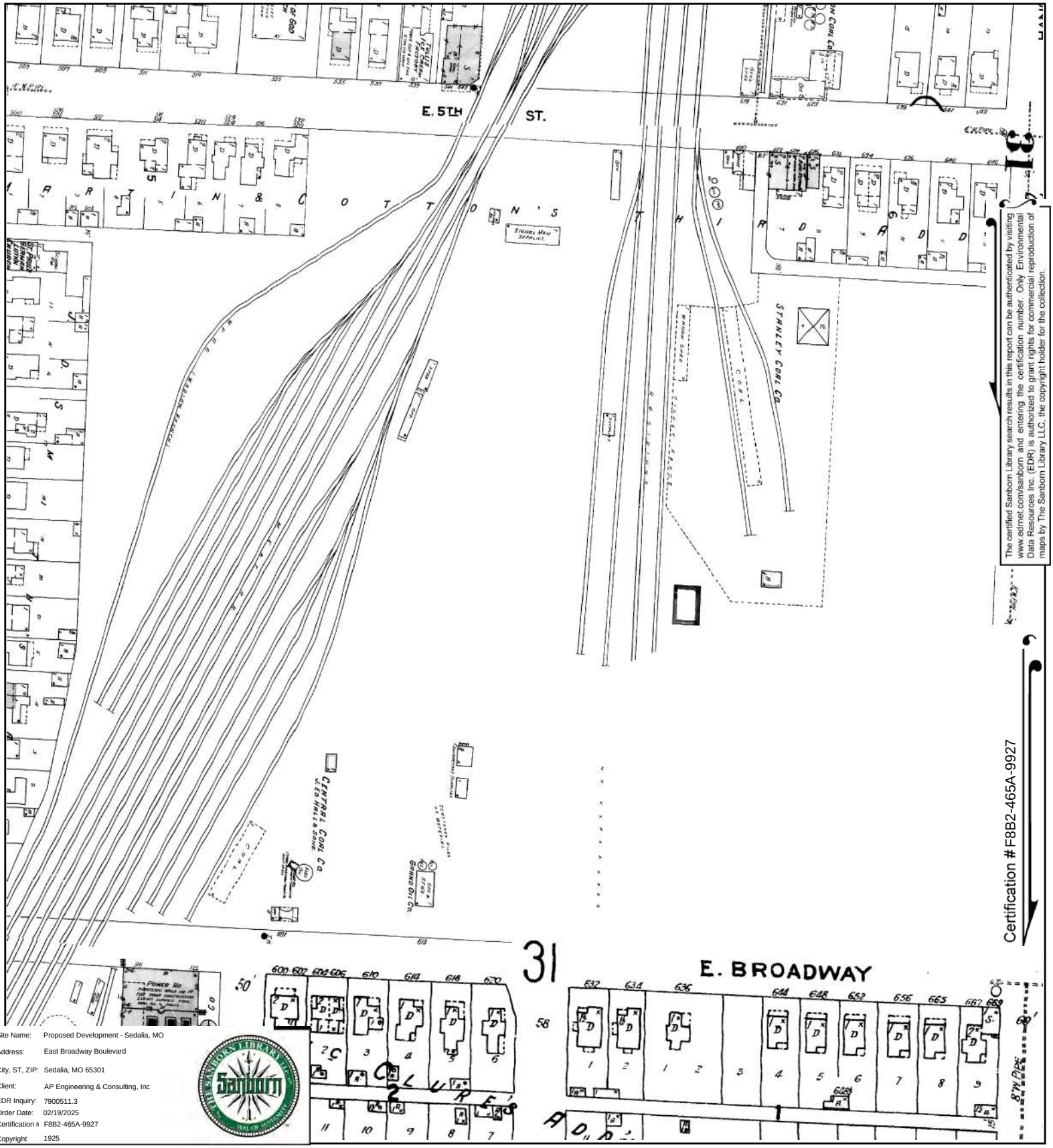
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Volume 1, Sheet 31
Volume 1, Sheet 27
Volume 1, Sheet 32
Volume 1, Sheet 34
Volume 1, Sheet 28

N



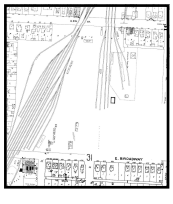
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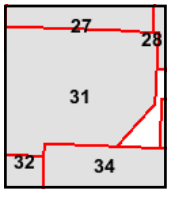
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Site Name:	Proposed Development - Sedalia, MO
Address:	East Broadway Boulevard
City, ST, ZIP:	Sedalia, MO 65301
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Certification #:	F8B2-465A-9927
Copyright	1925

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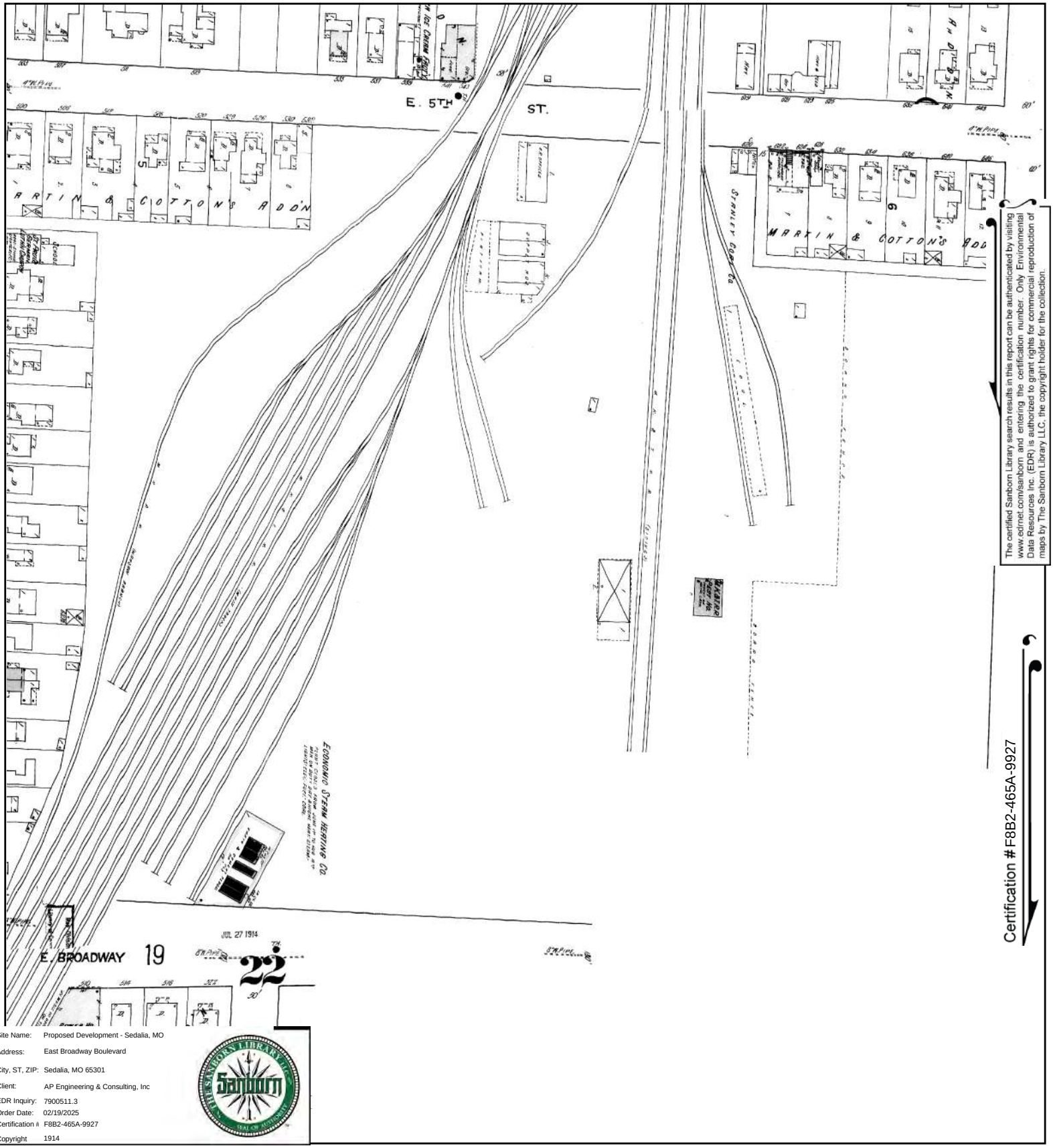
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Volume 1, Sheet 32
Volume 1, Sheet 34
Volume 1, Sheet 31
Volume 1, Sheet 27
Volume 1, Sheet 28

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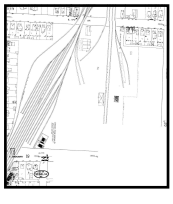


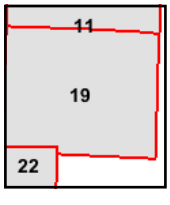
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Order Date:	02/19/2025
Certification #	F8B2-465A-9927
Copyright	1914

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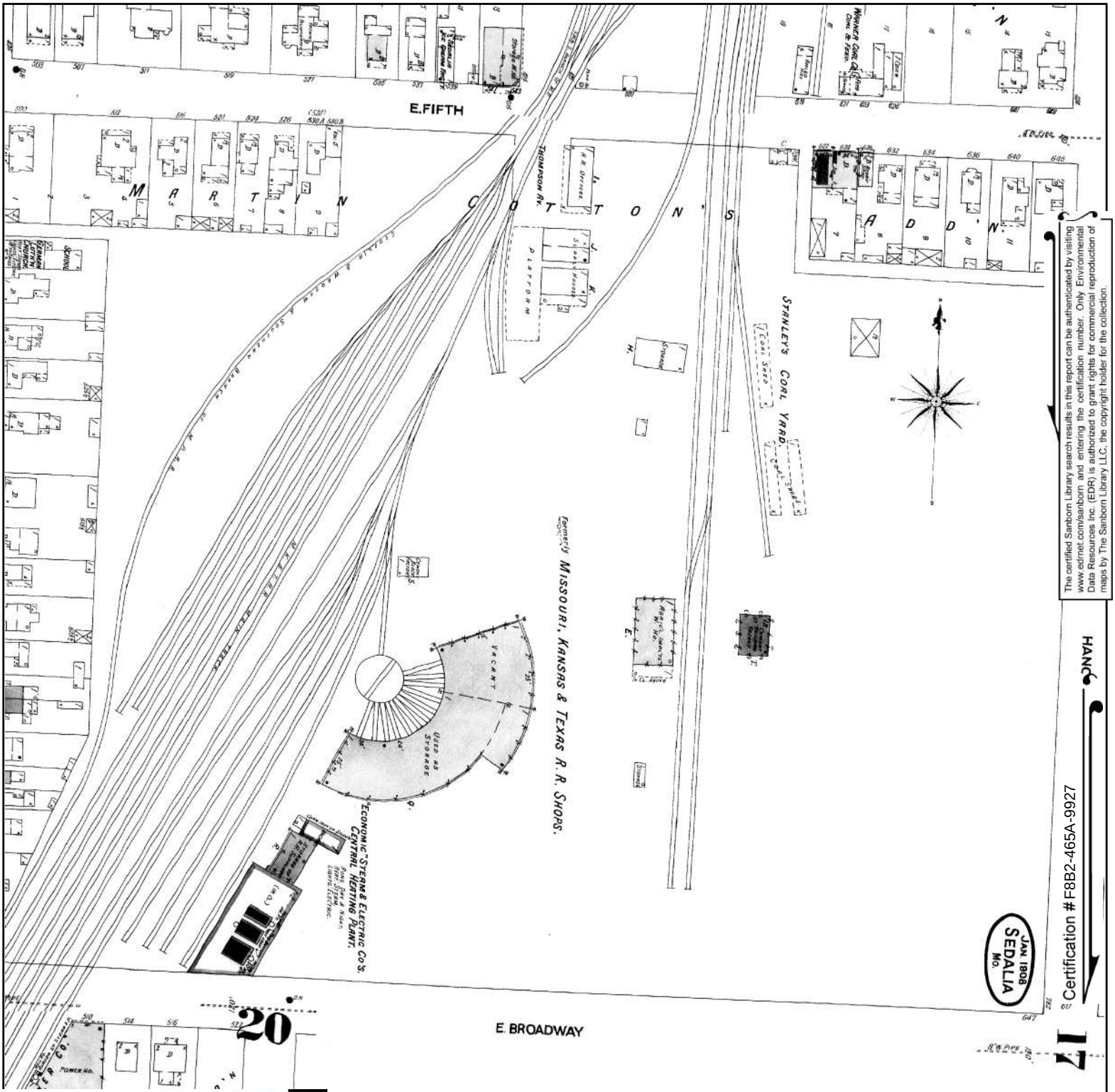




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Volume 1, Sheet 22
Volume 1, Sheet 11

0 Feet 150 300 600

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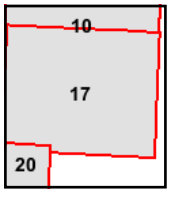


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Client:	AP Engineering & Consulting, Inc
EDR Inquiry:	7900511.3
Order Date:	02/19/2025
Certification #	F8B2-465A-9927
Copyright	1908

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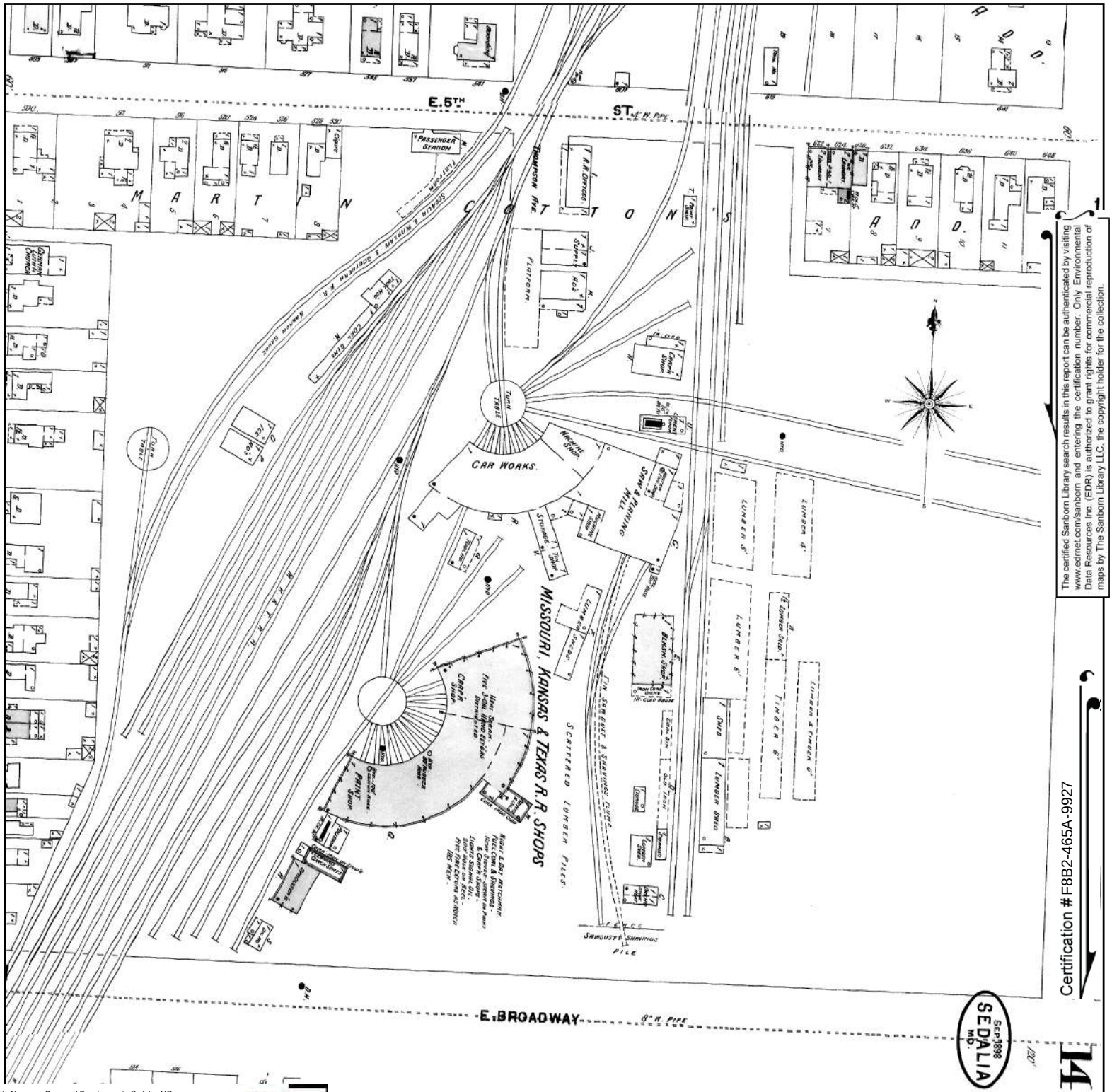




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Volume 1, Sheet 17

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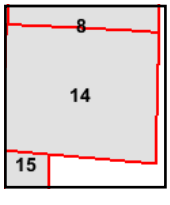
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City, ST, ZIP:	Sedalia, MO 65301
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Copyright	1898

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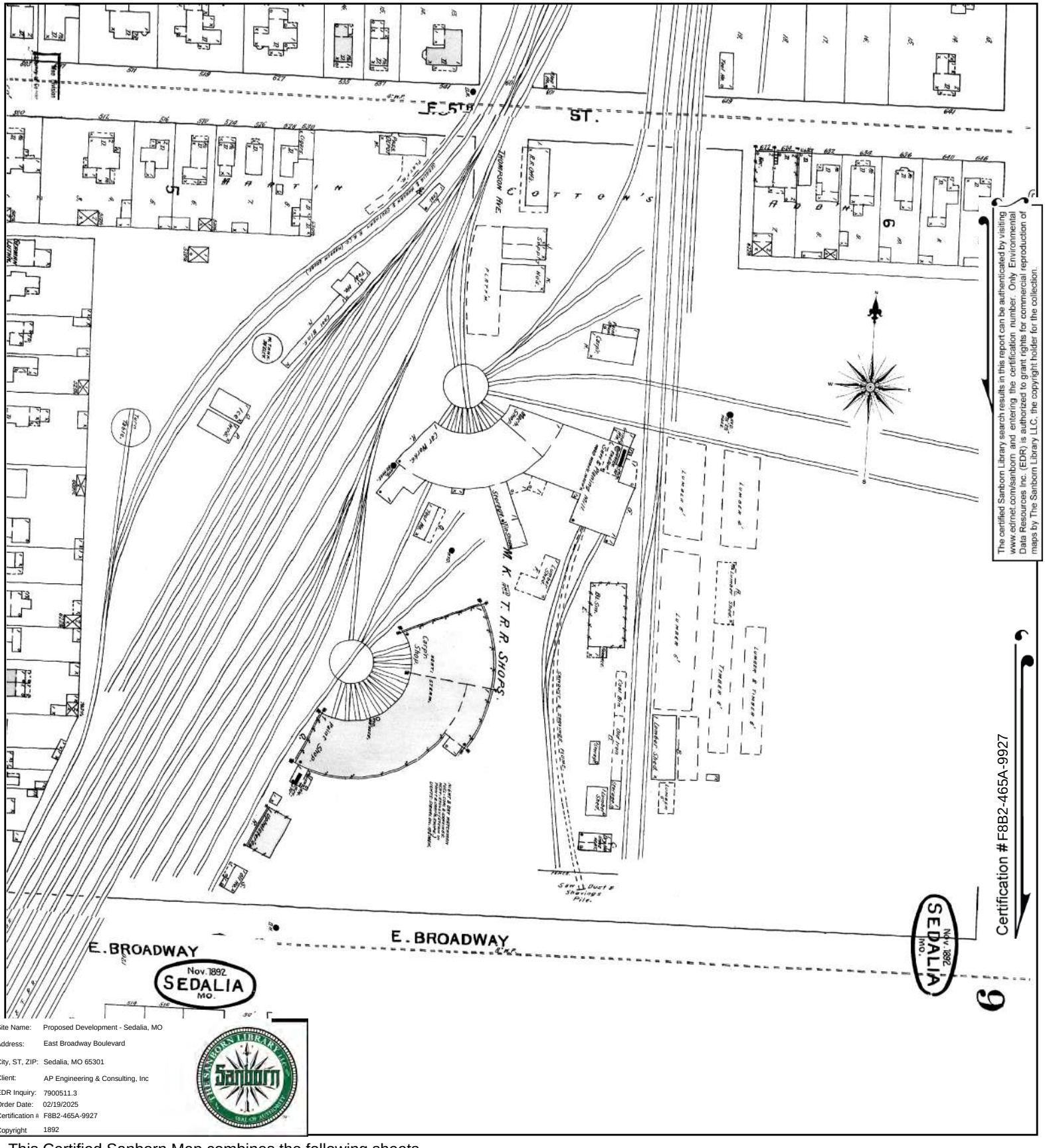




Volume 1, Sheet 14
Volume 1, Sheet 15
Volume 1, Sheet 8

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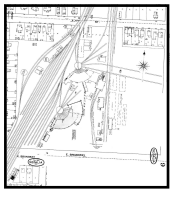


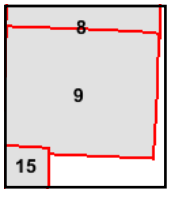
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City, ST, ZIP:	Sedalia, MO 65301
Client:	AP Engineering & Consulting, Inc
EDR Inquiry:	7900511.3
Order Date:	02/19/2025
Certification #:	F8B2-465A-9927
Copyright	1892

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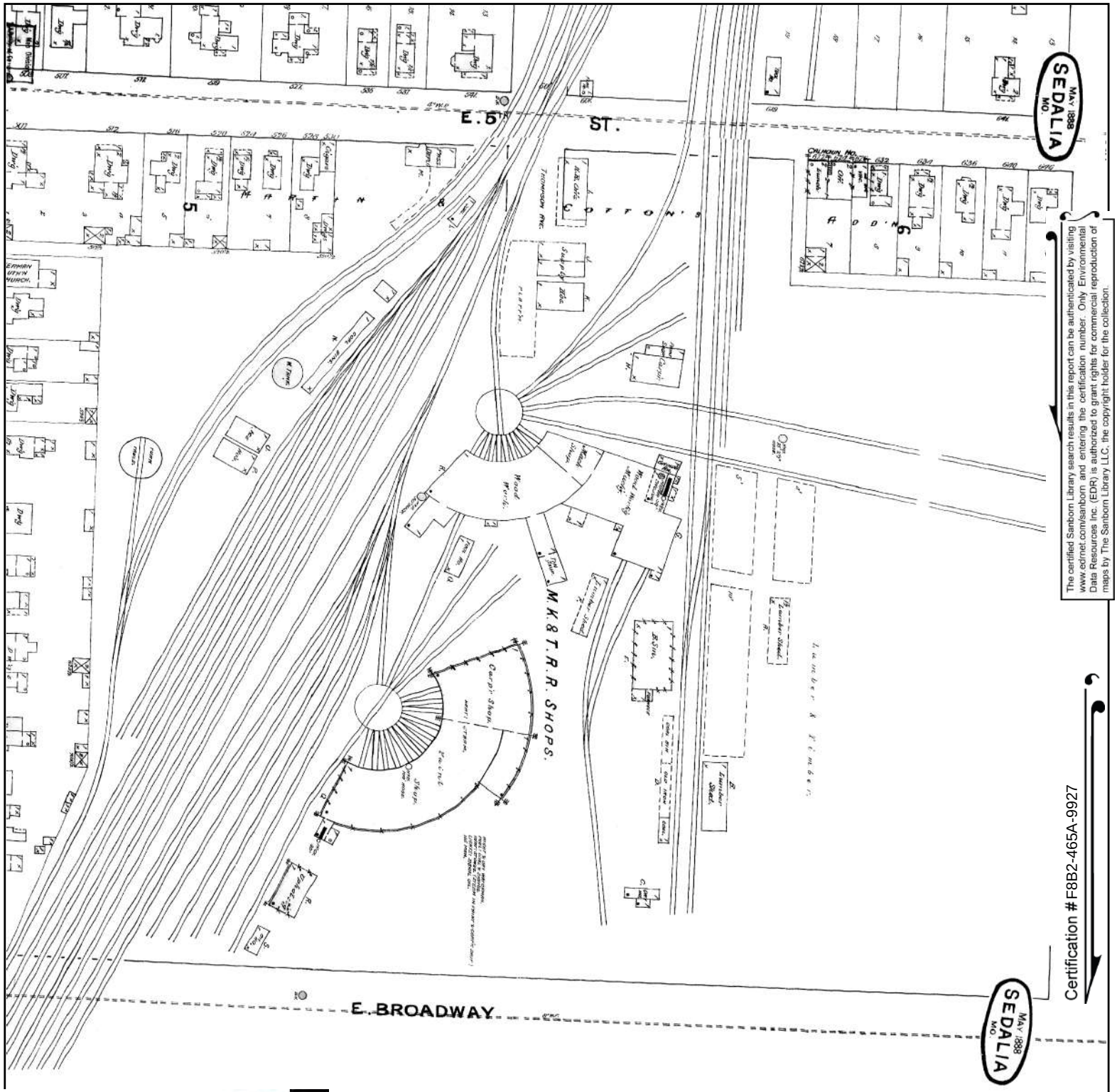




Volume 1, Sheet 15
Volume 1, Sheet 8
Volume 1, Sheet 9

0 Feet 150 300 600

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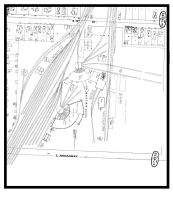


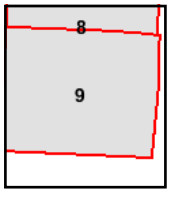
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City, ST, ZIP:	Sedalia, MO 65301
Client:	AP Engineering & Consulting, Inc
EDR Inquiry:	7900511.3
Order Date:	02/19/2025
Certification #:	F8B2-465A-9927
Copyright	1888

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Volume 1, Sheet 8
Volume 1, Sheet 9

0 Feet 150 300 600

N

APPENDIX E

Historic Topographic Maps

Proposed Development - Sedalia, MO

East Broadway Boulevard

Sedalia, MO 65301

Inquiry Number: 7900511.4

February 18, 2025

EDR Historical Topo Map Report

with QuadMatch™

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

EDR Historical Topo Map Report

02/18/25

Site Name:

Proposed Development - Seda
East Broadway Boulevard
Sedalia, MO 65301
EDR Inquiry # 7900511.4

Client Name:

AP Engineering & Consulting, Inc
6135 West 400 North
Greenfield, IN 46140
Contact: Alli Schmitt

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by AP Engineering & Consulting, Inc were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# 2024-518
Project: City of Sedalia

Coordinates:

Latitude:	38.705224 38° 42' 19" North
Longitude:	-93.221454 -93° 13' 17" West
UTM Zone:	Zone 15 North
UTM X Meters:	480744.59
UTM Y Meters:	4284089.07
Elevation:	906.41' above sea level

Maps Provided:

2021	1887
2017	
2014	
1980	
1973	
1946	
1944	
1894	

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2021 Source Sheets



Sedalia East
2021
7.5-minute, 24000

2017 Source Sheets



Sedalia East
2017
7.5-minute, 24000

2014 Source Sheets



Sedalia East
2014
7.5-minute, 24000

1980 Source Sheets



Sedalia East
1980
7.5-minute, 24000
Aerial Photo Revised 1980

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1973 Source Sheets



Sedalia East
1973
7.5-minute, 24000
Aerial Photo Revised 1972

1946 Source Sheets



Sedalia East
1946
7.5-minute, 24000

1944 Source Sheets



Sedalia East
1944
7.5-minute, 24000

1894 Source Sheets



Sedalia
1894
30-minute, 125000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

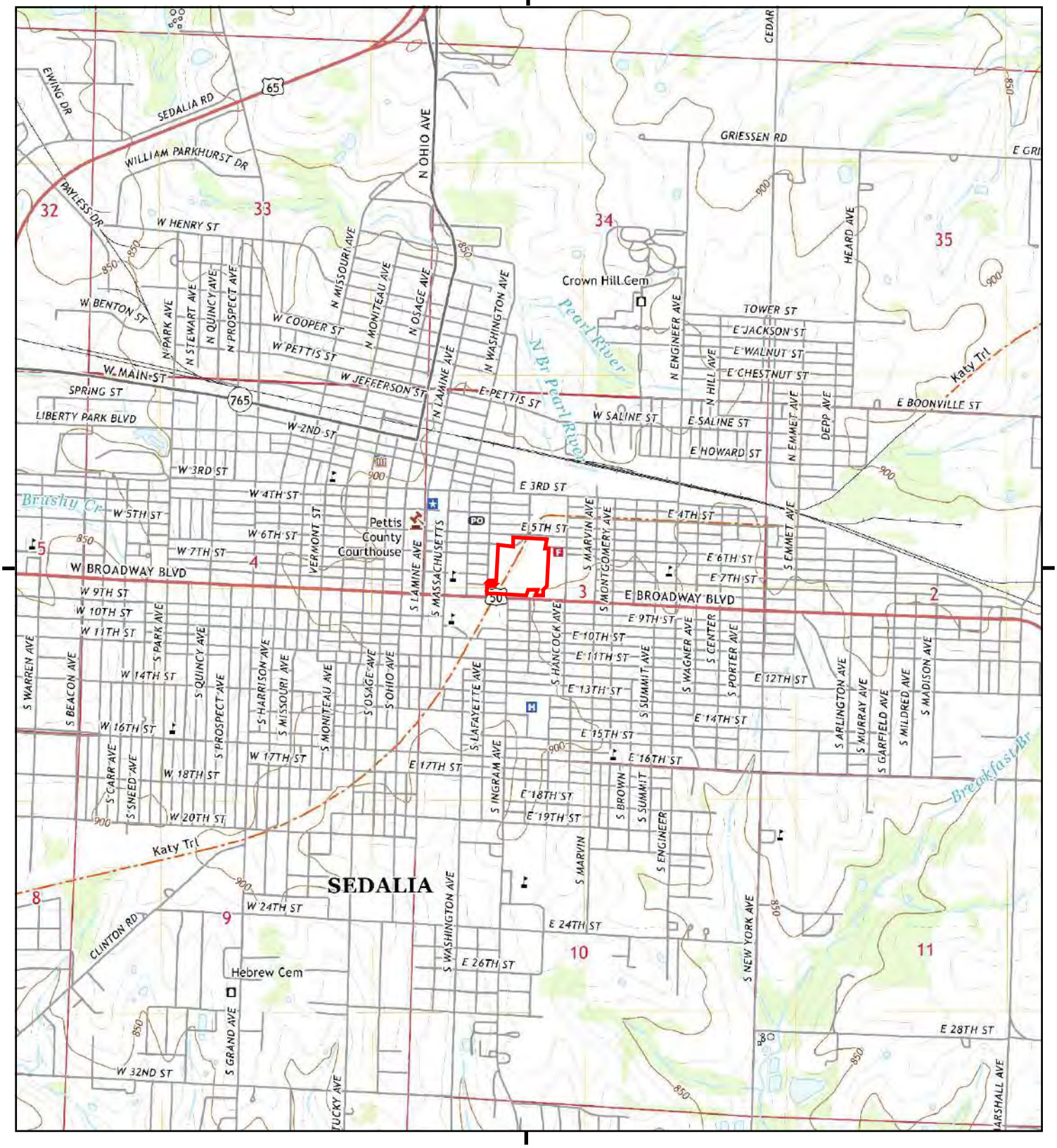
1887 Source Sheets



Sedalia
1887
30-minute, 125000

Historical Topo Map

2021



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

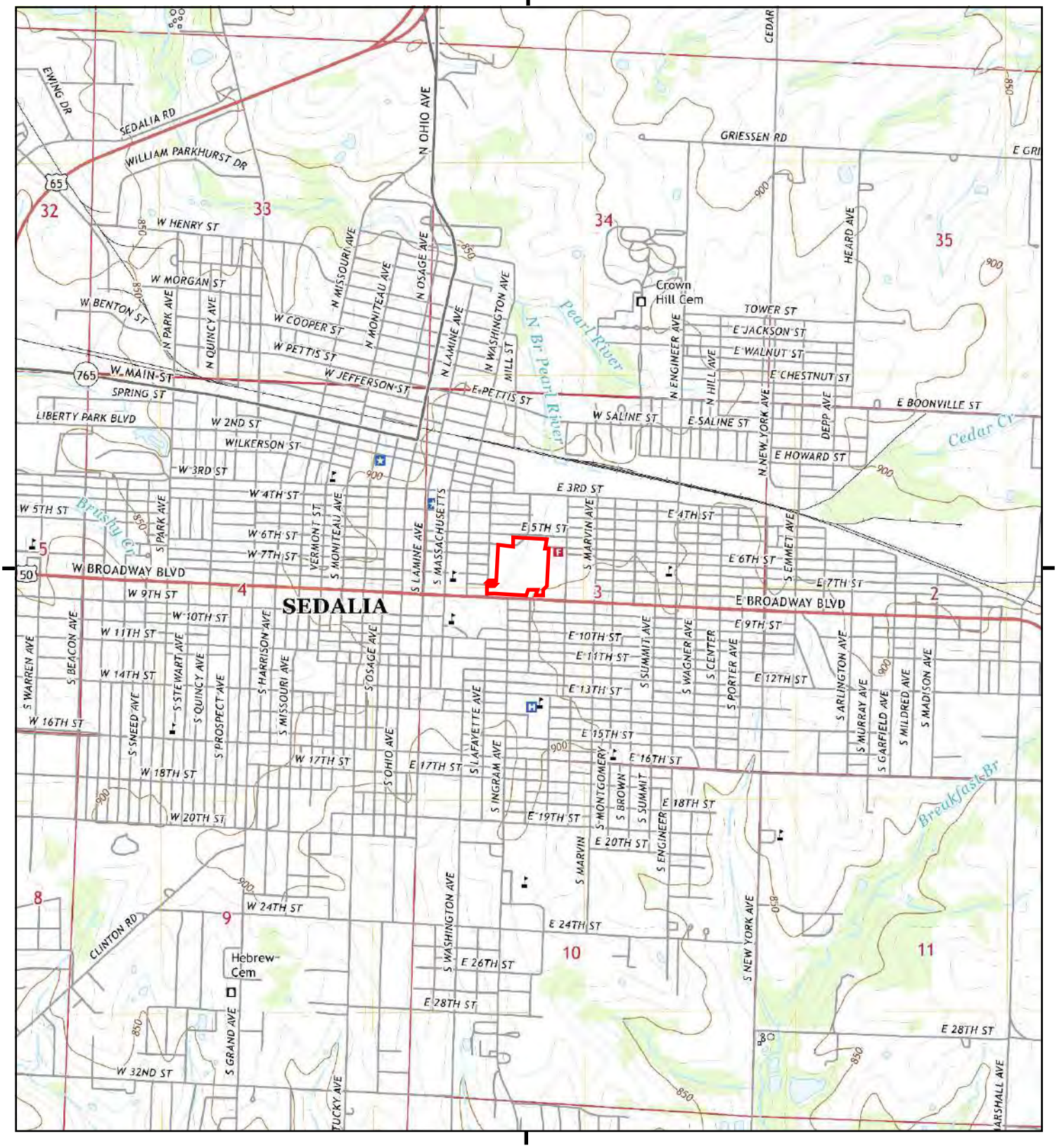
TP, Sedalia East, 2021, 7.5-minute

SITE NAME: Proposed Development - Sedalia, MO
ADDRESS: East Broadway Boulevard
Sedalia, MO 65301
CLIENT: AP Engineering & Consulting, Inc

N

Historical Topo Map

2017



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

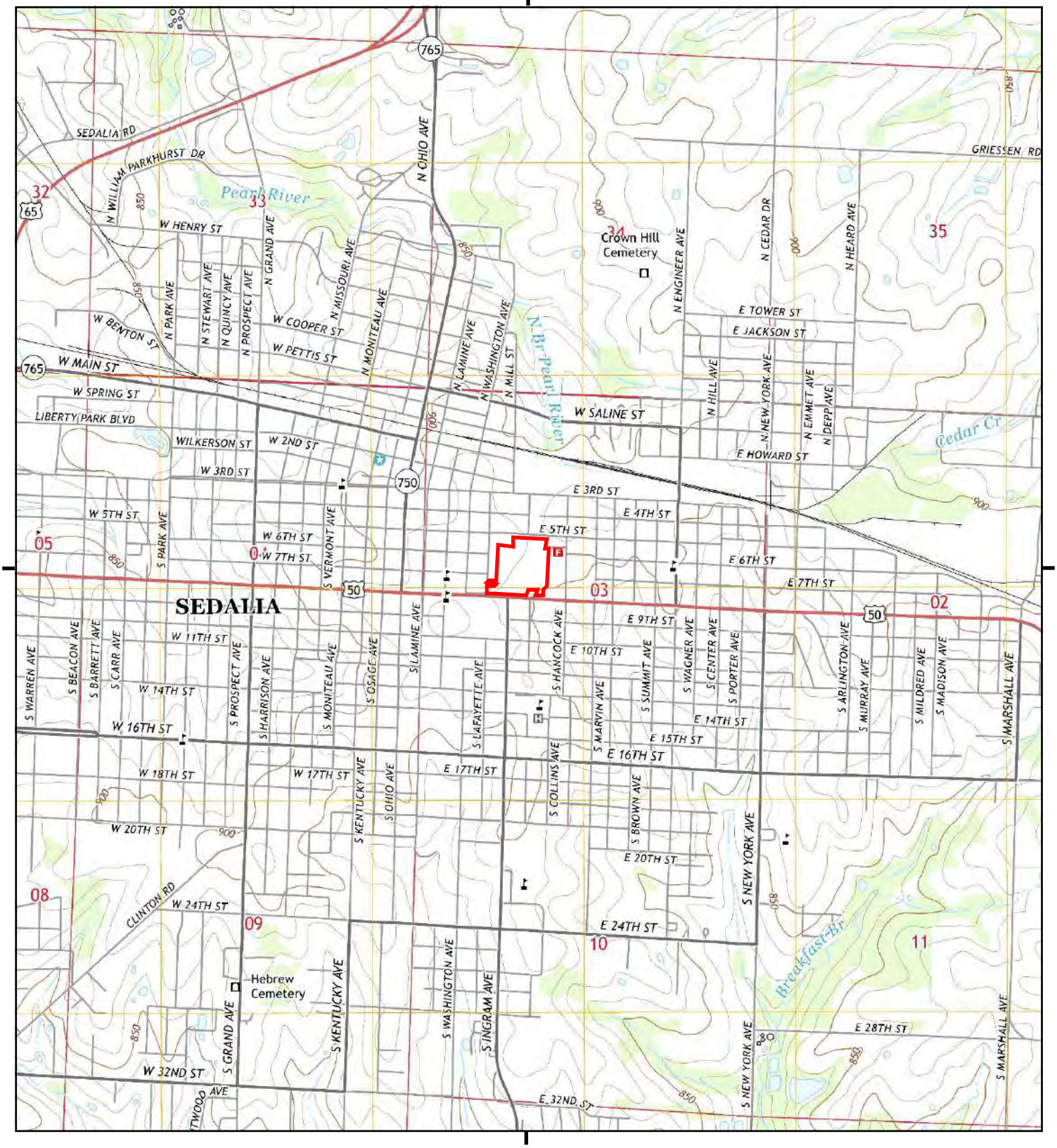
TP, Sedalia East, 2017, 7.5-minute

SITE NAME: Proposed Development - Sedalia, MO
ADDRESS: East Broadway Boulevard
Sedalia, MO 65301
CLIENT: AP Engineering & Consulting, Inc

N

Historical Topo Map

2014



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Sedalia East, 2014, 7.5-minute

SITE NAME: Proposed Development - Sedalia, MO
ADDRESS: East Broadway Boulevard
Sedalia, MO 65301
CLIENT: AP Engineering & Consulting, Inc

N

Historical Topo Map

1980



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

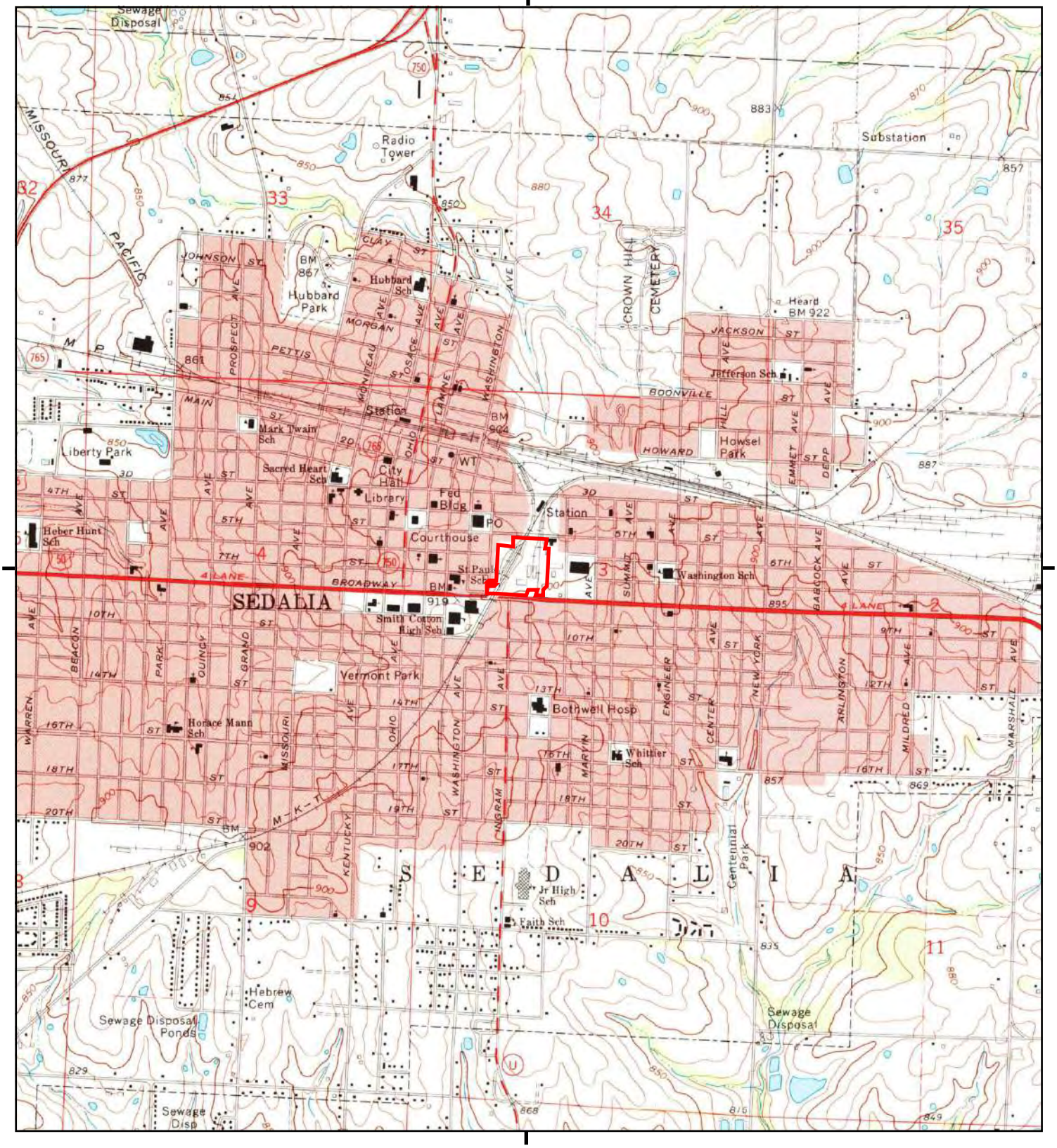
TP, Sedalia East, 1980, 7.5-minute

SITE NAME: Proposed Development - Sedalia, MO
ADDRESS: East Broadway Boulevard
Sedalia, MO 65301
CLIENT: AP Engineering & Consulting, Inc

N

Historical Topo Map

1973



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

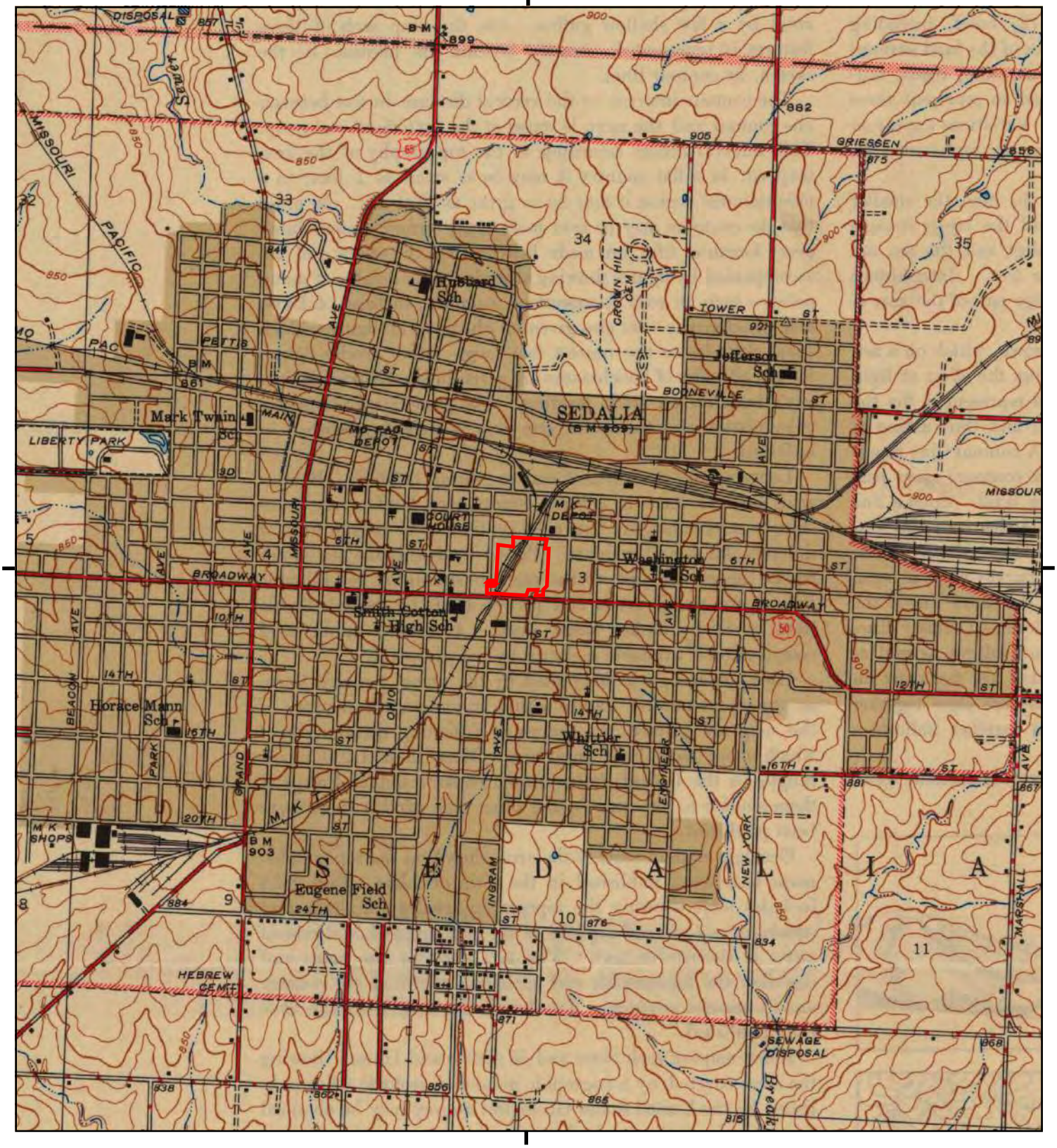
TP, Sedalia East, 1973, 7.5-minute

SITE NAME: Proposed Development - Sedalia, MO
ADDRESS: East Broadway Boulevard
Sedalia, MO 65301
CLIENT: AP Engineering & Consulting, Inc

N

Historical Topo Map

1946



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

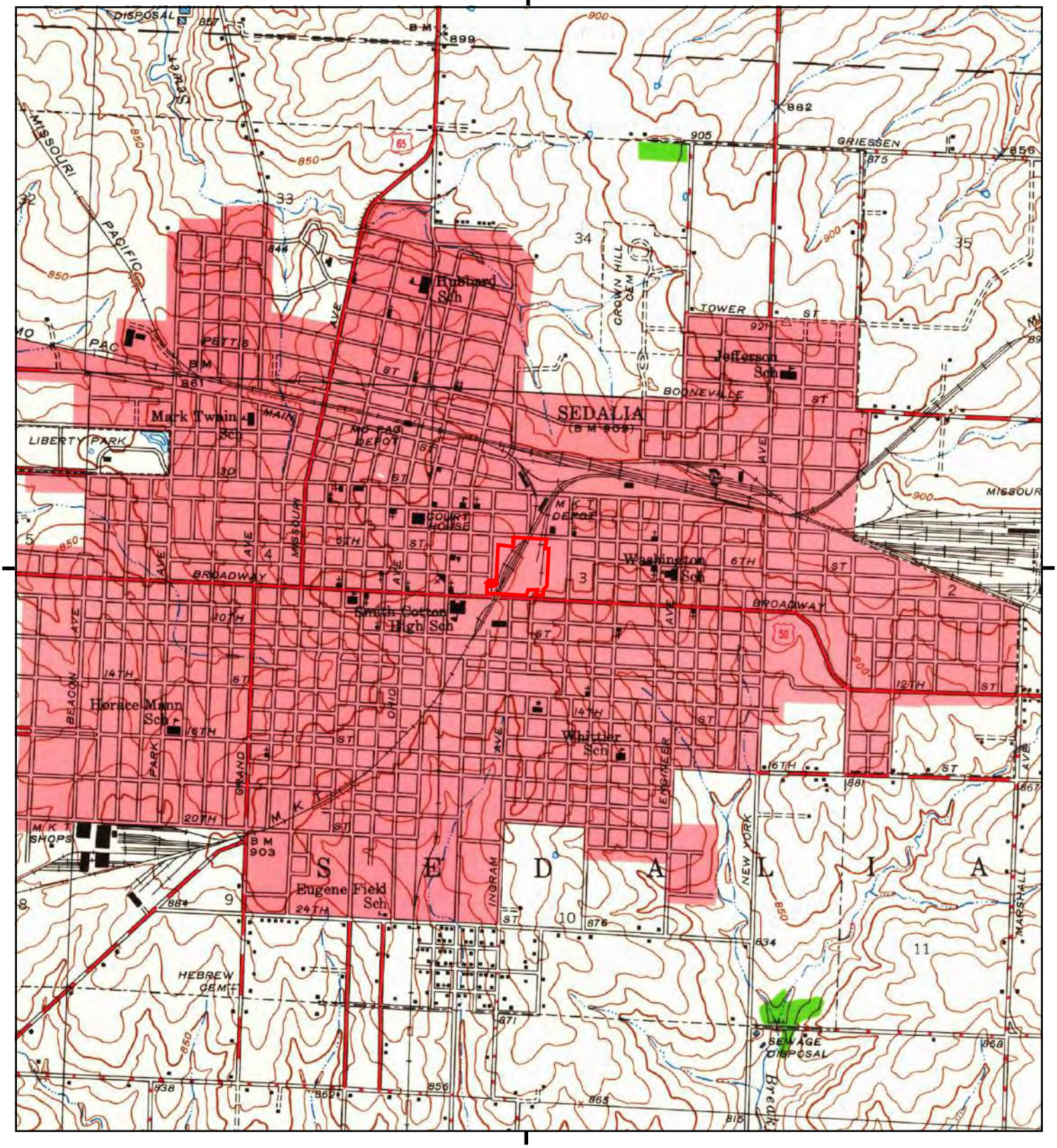
TP, Sedalia East, 1946, 7.5-minute

SITE NAME: Proposed Development - Sedalia, MO
ADDRESS: East Broadway Boulevard
Sedalia, MO 65301
CLIENT: AP Engineering & Consulting, Inc

N

Historical Topo Map

1944



This report includes information from the following map sheet(s).

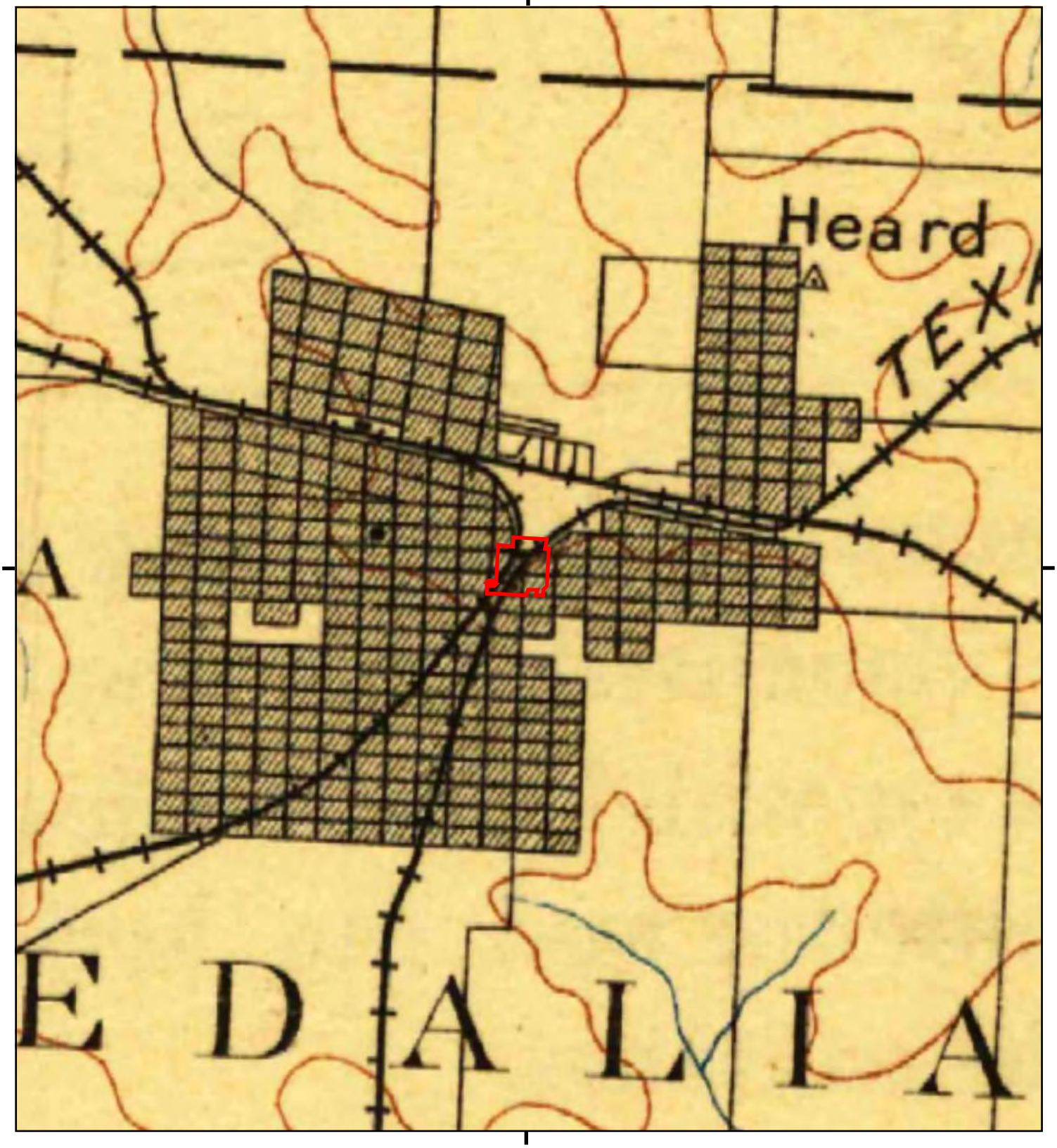
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Sedalia East, 1944, 7.5-minute

SITE NAME: Proposed Development - Sedalia, MO
ADDRESS: East Broadway Boulevard
Sedalia, MO 65301
CLIENT: AP Engineering & Consulting, Inc

N



This report includes information from the following map sheet(s).

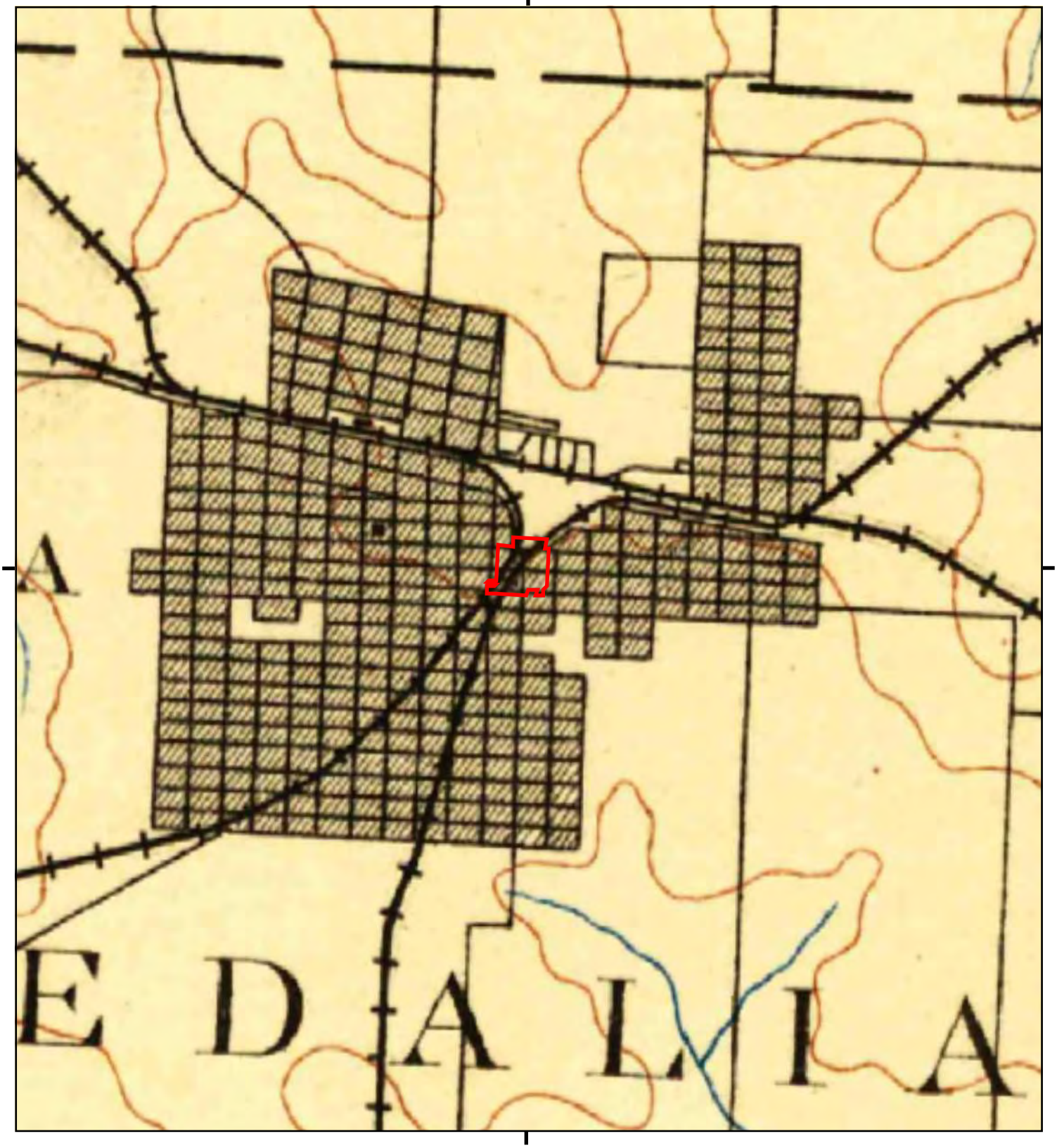
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Sedalia, 1894, 30-minute

SITE NAME: Proposed Development - Sedalia, MO
ADDRESS: East Broadway Boulevard
Sedalia, MO 65301
CLIENT: AP Engineering & Consulting, Inc

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Sedalia, 1887, 30-minute

SITE NAME: Proposed Development - Sedalia, MO
ADDRESS: East Broadway Boulevard
Sedalia, MO 65301
CLIENT: AP Engineering & Consulting, Inc

N

APPENDIX F

EDR® Radius Map™

Proposed Development - Sedalia, MO
East Broadway Boulevard
Sedalia, MO 65301

Inquiry Number: 7900511.2s
February 18, 2025

The EDR Radius Map™ Report with GeoCheck®

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

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Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	207
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-8
Physical Setting Source Map Findings	A-10
Physical Setting Source Records Searched	PSGR-1

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

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EXECUTIVE SUMMARY

A search of the environmental records was conducted by Environmental Data Resources, Inc. (EDR). AP ENGINEERING & CONSULTING, INC used the EDR FieldCheck System to review and/or revise the results of this search, based on independent data verification by AP ENGINEERING & CONSULTING, INC. The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

EAST BROADWAY BOULEVARD
SEDALIA, MO 65301

COORDINATES

Latitude (North):	38.7052240 - 38° 42' 18.80''
Longitude (West):	93.2214540 - 93° 13' 17.23''
Universal Tranverse Mercator:	Zone 15
UTM X (Meters):	480744.1
UTM Y (Meters):	4283882.0
Elevation:	906 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	24320675 SEDALIA EAST, MO
Version Date:	2021

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20200710
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
EAST BROADWAY BOULEVARD
SEDALIA, MO 65301

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	SALTY'S	641 E BROADWAY	MO UST		TP
A2	SALTY'S	641 E BROADWAY	UST FINDER		TP
3	OLD SUTHERLANDS LUMB	637, 641 AND 601 EAS	FINDS, US BROWNFIELDS		TP
A4	UNION PACIFIC	651 E BROADWAY OLD H	UST FINDER		TP
A5	UNION PACIFIC RAILRO	651 E BROADWAY	UST FINDER RELEASE		TP
A6	UNION PACIFIC	651 E BROADWAY OLD H	MO UST		TP
A7	UNION PACIFIC RAILRO	651 E BROADWAY	MO UST, MO LUST		TP
A8	SCHUMAKER JAMES A SA	635 E BROADWAY	EDR Hist Auto	Lower	1 ft.
B9	US RENTS IT	530 E 5TH ST	UST FINDER	Higher	35, 0.007, NNW
B10	US RENTS IT	530 E 5TH ST	MO UST	Higher	35, 0.007, NNW
C11	DLCS SEDALIA FIRE DE	600 SOUTH HANCOCK	E MANIFEST	Higher	113, 0.021, ENE
C12	DLCS SEDALIA FIRE DE	600 S HANCOCK AVE	RCRA NonGen / NLR, ECHO, FINDS	Higher	113, 0.021, ENE
A13	HANNING WILLIAM C	663 E BROADWAY	EDR Hist Auto	Lower	211, 0.040, SE
D14	SEDALIA MAINTENANCE	9TH AND INGRAM	MO UST	Higher	417, 0.079, SSW
D15	MISSOURI PUBLIC SERV	9TH AND INGRAM	UST FINDER RELEASE	Higher	417, 0.079, SSW
D16	MISSOURI PUBLIC SERV	INGRAM AND 9TH	UST FINDER RELEASE	Higher	417, 0.079, SSW
D17	SEDALIA MAINTENANCE	9TH AND INGRAM	UST FINDER	Higher	417, 0.079, SSW
D18	MISSOURI PUBLIC SERV	9TH AND INGRAM	MO UST, MO LUST	Higher	417, 0.079, SSW
D19	MISSOURI PUBLIC SERV	INGRAM AND 9TH	MO UST, MO LUST	Higher	417, 0.079, SSW
E20	WOODS GROCERY	703 E BROADWAY BLVD	UST FINDER	Lower	440, 0.083, ESE
E21	WOODS GROCERY	703 E BROADWAY BLVD	MO UST	Lower	440, 0.083, ESE
22	SMITH COTTON JR HIGH	312 E BROADWAY BLVD	E MANIFEST	Higher	544, 0.103, SW
23	SEDALIA DEPOT KATY T	E 3RD ST AND S THOMP	ECHO, RCRA NonGen / NLR	Higher	667, 0.126, North
24	BOYS AND GIRLS CLUB	500 E. 3RD ST.	MO VCP, MO SMARS	Higher	702, 0.133, NNW
F25	SEDALIA DEMOCRAT	700 S MASSACHUSETTS	RCRA NonGen / NLR	Higher	755, 0.143, West
F26	SEDALIA DEMOCRAT	700 S MASSACHUSETTES	ECHO, FINDS, WI MANIFEST	Higher	755, 0.143, West
G27	BREAK TIME #3083	808 E BROADWAY	MO UST	Lower	884, 0.167, ESE
G28	BREAK TIME #3083	808 E BROADWAY	UST FINDER	Lower	884, 0.167, ESE
H29	SEDALIA CENTRAL OFFI	220 E 5TH	UST FINDER	Higher	954, 0.181, WNW
H30	SEDALIA CENTRAL OFFI	220 E 5TH	MO UST	Higher	954, 0.181, WNW
31	CVS	100 EAST BROADWAY BL	ECHO, FINDS, E MANIFEST, RCRA-VSQG	Higher	1204, 0.228, WSW
I32	VEHICLE MAINTENANCE	901 E 3RD ST	UST FINDER RELEASE, UST FINDER	Higher	1346, 0.255, NE
I33	VEHICLE MAINTENANCE	901 E 3RD ST	MO UST, MO LUST	Higher	1346, 0.255, NE
J34	UPTOWN THEATRE	227 S OHIO AVE	MO SMARS	Lower	1665, 0.315, NW
J35	UPTOWN THEATRE	227 S OHIO AVE	FINDS, US BROWNFIELDS	Lower	1665, 0.315, NW
36	MERCANTILE BANK	116 W FOURTH ST	MO UST, MO SPILLS, MO LUST	Higher	1796, 0.340, WNW
K37	BOTHWELL REGIONAL HE	601 E 14TH	UST FINDER RELEASE, UST FINDER	Lower	1804, 0.342, South
K38	BOTHWELL REGIONAL HE	601 E 14TH	MO UST, MO AIRS, MO LUST, MO ASBESTOS	Lower	1804, 0.342, South
39	UNION PACIFIC RAILRO	W SALINE ST	MO UST, MO LUST	Lower	1828, 0.346, NNE

MAPPED SITES SUMMARY

Target Property Address:
EAST BROADWAY BOULEVARD
SEDALIA, MO 65301

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
L40	FORMER STAR PETROLEU	1201 E BROADWAY	UST FINDER RELEASE, UST FINDER	Lower	2081, 0.394, ESE
L41	FORMER STAR PETROLEU	1201 E BROADWAY	MO UST, MO LUST	Lower	2081, 0.394, ESE
42	SOUTHERN STAR CENTRA	W 11TH STREET & S KE	MO VCP, MO SMARS	Lower	2205, 0.418, WSW
M43	SEDALIA FMGP #2	BROADWAY ST. AND MON	EDR MGP	Higher	2254, 0.427, West
M44	SEDALIA FMGP #2	BROADWAY ST. & MONIT	MO SMARS	Higher	2276, 0.431, West
45	UNION PACIFIC RAILRO	N KENTUCKY AND W PAC	MO UST, MO LUST	Lower	2358, 0.447, NW
N46	UNION PACIFIC	N ENGINEER AND W HOW	UST FINDER RELEASE, UST FINDER	Lower	2395, 0.454, NE
N47	UNION PACIFIC	N ENGINEER AND W HOW	MO UST, MO LUST	Lower	2395, 0.454, NE
O48	CHARLES CARSON SERVI	16TH ST AND INGRAM	MO UST, MO LUST	Lower	2540, 0.481, South
O49	CHARLES CARSON SERVI	16TH ST AND INGRAM	UST FINDER RELEASE, UST FINDER	Lower	2540, 0.481, South
50	SEDALIA FMGP	NORTH MONITEAU AVE.	EDR MGP	Lower	3039, 0.576, NW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

Site	Database(s)	EPA ID
SALTY'S 641 E BROADWAY SEDALIA, MO 65301	MO UST Tank Status: Removed: Tank Status: Removed: Facility Id: ST0006352:	N/A
SALTY'S 641 E BROADWAY SEDALIA, MO 65301	UST FINDER	N/A
OLD SUTHERLANDS LUMB 637, 641 AND 601 EAS SEDALIA, MO 65301	FINDS Registry ID:: 110039063713: US BROWNFIELDS Cleanup Completion Date: : Cleanup Completion Date::	N/A
UNION PACIFIC 651 E BROADWAY OLD H SEDALIA, MO 65301	UST FINDER	N/A
UNION PACIFIC RAILRO 651 E BROADWAY SEDALIA, MO 65301	UST FINDER RELEASE	N/A
UNION PACIFIC 651 E BROADWAY OLD H SEDALIA, MO 65301	MO UST Tank Status: Removed: Tank Status: Removed: Facility Id: ST0007076:	N/A
UNION PACIFIC RAILRO 651 E BROADWAY SEDALIA, MO 65301	MO UST Tank Status: : Facility Id: ST5800077: MO LUST Date Of NFA Letter From DNR: : Facility Id: ST5800077:	N/A

EXECUTIVE SUMMARY

DATABASES WITH NO MAPPED SITES

No sites were identified in following databases.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

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

Lists of Federal Delisted NPL sites

Delisted NPL ---------- National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Lists of Federal CERCLA sites with NFRAP

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

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS ---------- Corrective Action Report

Lists of Federal RCRA TSD facilities

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

Lists of Federal RCRA generators

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

Federal institutional controls / engineering controls registries

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

Federal ERNS list

ERNS ---------- Emergency Response Notification System

Lists of state- and tribal hazardous waste facilities

MO SHWS ---------- Registry of Confirmed Abandoned or Uncontrolled Hazardous Waste Disposal Sites

Lists of state and tribal landfills and solid waste disposal facilities

MO SWF/LF ---------- Permitted Facility List

EXECUTIVE SUMMARY

Lists of state and tribal leaking storage tanks

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

Lists of state and tribal registered storage tanks

FEMA UST ..... Underground Storage Tank Listing
MO AST ..... Aboveground Petroleum Storage Tanks
INDIAN UST ..... Underground Storage Tanks on Indian Land
MO TANKS ..... Underground Storage Tank Database

State and tribal institutional control / engineering control registries

MO AUL ..... Sites with Controls

Lists of state and tribal voluntary cleanup sites

INDIAN VCP ..... Voluntary Cleanup Priority Listing

Lists of state and tribal brownfield sites

MO BROWNFIELDS ..... Brownfields Site List

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

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

Local Lists of Hazardous waste / Contaminated Sites

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

Local Land Records

LIENS 2 ..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS ..... Hazardous Materials Information Reporting System
MO SPILLS 90 ..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS ..... Formerly Used Defense Sites

EXECUTIVE SUMMARY

DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
MINES MRDS	Mineral Resources Data System
ABANDONED MINES	Abandoned Mines
UXO	Unexploded Ordnance Sites
DOCKET HWC	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM	EPA Fuels Program Registered Listing
PFAS NPL	Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES	Federal Sites PFAS Information
PFAS TRIS	List of PFAS Added to the TRI
PFAS TSCA	PFAS Manufacture and Imports Information
PFAS RCRA MANIFEST	PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR	PFAS Contamination Site Location Listing
PFAS WQP	Ambient Environmental Sampling for PFAS
PFAS PROJECT	NORTHEASTERN UNIVERSITY PFAS PROJECT
PFAS NPDES	Clean Water Act Discharge Monitoring Information
PFAS ECHO	Facilities in Industries that May Be Handling PFAS Listing
PFAS ECHO FIRE TRAIN	Facilities in Industries that May Be Handling PFAS Listing
PFAS PT 139 AIRPORT	All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC	Aqueous Foam Related Incidents Listing
BIOSOLIDS	ICIS-NPDES Biosolids Facility Data
MO PFAS	PFAS Detections
MO COAL ASH	Coal Ash Disposal Sites
MO DRYCLEANERS	Drycleaners in Missouri Listing
MO Financial Assurance	Financial Assurance Information Listing
MO MINES	Industrial Mineral Mines Database
MO NPDES	Permitted Facility Listing

EXECUTIVE SUMMARY

MO RRC ---------- Certified Hazardous Waste Resource Recovery Facilities
MO UIC ---------- Underground Injection Wells Database

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Cleaner ---------- EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

MO RGA HWS ---------- Recovered Government Archive State Hazardous Waste Facilities List
MO RGA LF ---------- Recovered Government Archive Solid Waste Facilities List
MO RGA LUST ---------- Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal RCRA generators

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

An online review and analysis by AP ENGINEERING & CONSULTING, INC of the RCRA-VSQG list, as provided by EDR, has revealed that there is 1 RCRA-VSQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CVS	***100 EAST BROADWAY BL***	***WSW 1/8 - 1/4 (0.228 mi.)***	***31***	***100***
EPA ID:: MOR000548016:				

EXECUTIVE SUMMARY

Lists of state and tribal leaking storage tanks

MO LUST: Leaking Underground Storage Tanks.

An online review and analysis by AP ENGINEERING & CONSULTING, INC of the MO LUST list, as provided by EDR, has revealed that there are 10 MO LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MISSOURI PUBLIC SERV	***9TH AND INGRAM***	***SSW 0 - 1/8 (0.079 mi.)***	***D18***	***46***
Date Of NFA Letter From DNR: 1992-02-03 00:00:00:				
Facility Id: ST5700098:				
MISSOURI PUBLIC SERV	***INGRAM AND 9TH***	***SSW 0 - 1/8 (0.079 mi.)***	***D19***	***49***
Date Of NFA Letter From DNR: 1992-11-12 00:00:00:				
Facility Id: ST5800482:				
VEHICLE MAINTENANCE	***901 E 3RD ST***	***NE 1/4 - 1/2 (0.255 mi.)***	***I33***	***134***
Date Of NFA Letter From DNR: 1993-02-08 00:00:00:				
Facility Id: ST0008742:				
MERCANTILE BANK	***116 W FOURTH ST***	***WNW 1/4 - 1/2 (0.340 mi.)***	***36***	***149***
Date Of NFA Letter From DNR: 1999-04-16 00:00:00:				
Facility Id: ST5800293:				

Lower Elevation	Address	Direction / Distance	Map ID	Page
BOTHWELL REGIONAL HE	***601 E 14TH***	***S 1/4 - 1/2 (0.342 mi.)***	***K38***	***155***
Date Of NFA Letter From DNR: 1993-05-20 00:00:00:				
Facility Id: ST0006360:				
UNION PACIFIC RAILRO	***W SALINE ST***	***NNE 1/4 - 1/2 (0.346 mi.)***	***39***	***171***
Date Of NFA Letter From DNR: :				
Facility Id: ST5800673:				
FORMER STAR PETROLEU	***1201 E BROADWAY***	***ESE 1/4 - 1/2 (0.394 mi.)***	***L41***	***175***
Date Of NFA Letter From DNR: 2009-01-15 00:00:00:				
Facility Id: ST0021650:				
UNION PACIFIC RAILRO	***N KENTUCKY AND W PAC***	***NW 1/4 - 1/2 (0.447 mi.)***	***45***	***187***
Date Of NFA Letter From DNR: 1993-05-17 00:00:00:				
Facility Id: ST5700206:				
UNION PACIFIC	***N ENGINEER AND W HOW***	***NE 1/4 - 1/2 (0.454 mi.)***	***N47***	***191***
Date Of NFA Letter From DNR: 1993-10-06 00:00:00:				
Facility Id: ST0007077:				
CHARLES CARSON SERVI	***16TH ST AND INGRAM***	***S 1/4 - 1/2 (0.481 mi.)***	***O48***	***197***
Date Of NFA Letter From DNR: :				
Facility Id: ST0006449:				

Lists of state and tribal registered storage tanks

MO UST: Underground Storage Tank Information.

An online review and analysis by AP ENGINEERING & CONSULTING, INC of the MO UST list, as provided by EDR, has revealed that there are 7 MO UST sites within approximately 0.25 miles of the target property.

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
US RENTS IT Tank Status: Permanently Closed in place: Tank Status: Removed: Facility Id: ST0006326:	530 E 5TH ST	NNW 0 - 1/8 (0.007 mi.)	B10	26
SEDALIA MAINTENANCE Tank Status: Removed: Tank Status: Removed: Facility Id: ST0004152:	9TH AND INGRAM	SSW 0 - 1/8 (0.079 mi.)	D14	40
MISSOURI PUBLIC SERV Tank Status: : Facility Id: ST5700098:	***9TH AND INGRAM***	***SSW 0 - 1/8 (0.079 mi.)***	***D18***	***46***
MISSOURI PUBLIC SERV Tank Status: : Facility Id: ST5800482:	***INGRAM AND 9TH***	***SSW 0 - 1/8 (0.079 mi.)***	***D19***	***49***
SEDALIA CENTRAL OFFI Tank Status: Removed: Facility Id: ST0002631:	220 E 5TH	WNW 1/8 - 1/4 (0.181 mi.)	H30	98

Lower Elevation	Address	Direction / Distance	Map ID	Page
WOODS GROCERY Tank Status: Curently in use: Tank Status: Curently in use: Facility Id: ST0021675:	703 E BROADWAY BLVD	ESE 0 - 1/8 (0.083 mi.)	E21	52
BREAK TIME #3083 Tank Status: Curently in use: Tank Status: Curently in use: Tank Status: Removed: Tank Status: Removed: Tank Status: Removed: Facility Id: ST0002295:	808 E BROADWAY	ESE 1/8 - 1/4 (0.167 mi.)	G27	87

Lists of state and tribal voluntary cleanup sites

MO VCP: Voluntary Cleanup Program Site Listing.

An online review and analysis by AP ENGINEERING & CONSULTING, INC of the MO VCP list, as provided by EDR, has revealed that there are 2 MO VCP sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BOYS AND GIRLS CLUB Facility Status: Active/Investigation:	***500 E. 3RD ST.***	***NNW 1/8 - 1/4 (0.133 mi.)***	***24***	***69***

Lower Elevation	Address	Direction / Distance	Map ID	Page
SOUTHERN STAR CENTRA Facility Status: Inactive/Withdrawn:	***W 11TH STREET & S KE***	***WSW 1/4 - 1/2 (0.418 mi.)***	***42***	***185***

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

An online review and analysis by AP ENGINEERING & CONSULTING, INC of the US BROWNFIELDS list, as provided by EDR, has revealed that there is 1 US BROWNFIELDS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
UPTOWN THEATRE	***227 S OHIO AVE***	***NW 1/4 - 1/2 (0.315 mi.)***	***J35***	***142***
Cleanup Completion Date: :				
Cleanup Completion Date: :				
Cleanup Completion Date::				

Other Ascertainable Records

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

An online review and analysis by AP ENGINEERING & CONSULTING, INC of the RCRA NonGen / NLR list, as provided by EDR, has revealed that there are 3 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DLCS SEDALIA FIRE DE	***600 S HANCOCK AVE***	***ENE 0 - 1/8 (0.021 mi.)***	***C12***	***35***
EPA ID:: MOR000024521:				
SEDALIA DEPOT KATY T	***E 3RD ST AND S THOMP***	***N 1/8 - 1/4 (0.126 mi.)***	***23***	***65***
EPA ID:: MOP000023325:				
SEDALIA DEMOCRAT	700 S MASSACHUSETTS	W 1/8 - 1/4 (0.143 mi.)	F25	70
EPA ID:: MOD985820356:				

UST FINDER RELEASE: US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

An online review and analysis by AP ENGINEERING & CONSULTING, INC of the UST FINDER RELEASE list, as provided by EDR, has revealed that there are 7 UST FINDER RELEASE sites within approximately 0.5 miles of the target property.

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MISSOURI PUBLIC SERV	9TH AND INGRAM	SSW 0 - 1/8 (0.079 mi.)	D15	44
MISSOURI PUBLIC SERV	INGRAM AND 9TH	SSW 0 - 1/8 (0.079 mi.)	D16	45
VEHICLE MAINTENANCE	***901 E 3RD ST***	***NE 1/4 - 1/2 (0.255 mi.)***	***I32***	***132***

Lower Elevation	Address	Direction / Distance	Map ID	Page
BOTHWELL REGIONAL HE	***601 E 14TH***	***S 1/4 - 1/2 (0.342 mi.)***	***K37***	***153***
FORMER STAR PETROLEU	***1201 E BROADWAY***	***ESE 1/4 - 1/2 (0.394 mi.)***	***L40***	***173***
UNION PACIFIC	***N ENGINEER AND W HOW***	***NE 1/4 - 1/2 (0.454 mi.)***	***N46***	***189***
CHARLES CARSON SERVI	***16TH ST AND INGRAM***	***S 1/4 - 1/2 (0.481 mi.)***	***O49***	***204***

UST FINDER: EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories . UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

An online review and analysis by AP ENGINEERING & CONSULTING, INC of the UST FINDER list, as provided by EDR, has revealed that there are 5 UST FINDER sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
US RENTS IT	530 E 5TH ST	NNW 0 - 1/8 (0.007 mi.)	B9	25
SEDALIA MAINTENANCE	9TH AND INGRAM	SSW 0 - 1/8 (0.079 mi.)	D17	45
SEDALIA CENTRAL OFFI	220 E 5TH	WNW 1/8 - 1/4 (0.181 mi.)	H29	97

Lower Elevation	Address	Direction / Distance	Map ID	Page
WOODS GROCERY	703 E BROADWAY BLVD	ESE 0 - 1/8 (0.083 mi.)	E20	51
BREAK TIME #3083	808 E BROADWAY	ESE 1/8 - 1/4 (0.167 mi.)	G28	96

E MANIFEST: EPA established a national system for tracking hazardous waste shipments electronically. This system, known as ?e-Manifest,? will modernize the nation?s cradle-to-grave hazardous waste tracking process while saving valuable time, resources, and dollars for industry and states.

An online review and analysis by AP ENGINEERING & CONSULTING, INC of the E MANIFEST list, as provided by EDR, has revealed that there are 3 E MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DLCS SEDALIA FIRE DE	600 SOUTH HANCOCK	ENE 0 - 1/8 (0.021 mi.)	C11	30
SMITH COTTON JR HIGH	312 E BROADWAY BLVD	SW 0 - 1/8 (0.103 mi.)	22	56
CVS	***100 EAST BROADWAY BL***	***WSW 1/8 - 1/4 (0.228 mi.)***	***31***	***100***

WI MANIFEST: Hazardous waste manifest information.

An online review and analysis by AP ENGINEERING & CONSULTING, INC of the WI MANIFEST list, as provided by EDR, has revealed that there is 1 WI MANIFEST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SEDALIA DEMOCRAT	***700 S MASSACHUSETTES***	***W 1/8 - 1/4 (0.143 mi.)***	***F26***	***81***
ACT Status: A:				
EPA ID: MOD985820356:				
FID: 0:				
FID::				

MO SMARS: SMARS currently houses information for Superfund, Federal Facility, Brownfields Voluntary Cleanup Program and Missouri's other state response programs.

An online review and analysis by AP ENGINEERING & CONSULTING, INC of the MO SMARS list, as provided by EDR, has revealed that there are 4 MO SMARS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BOYS AND GIRLS CLUB	***500 E. 3RD ST.***	***NNW 1/8 - 1/4 (0.133 mi.)***	***24***	***69***
SEDALIA FMGP #2	BROADWAY ST. & MONIT	W 1/4 - 1/2 (0.431 mi.)	M44	186
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
UPTOWN THEATRE	227 S OHIO AVE	NW 1/4 - 1/2 (0.315 mi.)	J34	142
SOUTHERN STAR CENTRA	***W 11TH STREET & S KE***	***WSW 1/4 - 1/2 (0.418 mi.)***	***42***	***185***

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

An online review and analysis by AP ENGINEERING & CONSULTING, INC of the EDR MGP list, as provided by EDR, has revealed that there are 2 EDR MGP sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SEDALIA FMGP #2	BROADWAY ST. AND MON	W 1/4 - 1/2 (0.427 mi.)	M43	186
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
SEDALIA FMGP	NORTH MONITEAU AVE.	NW 1/2 - 1 (0.576 mi.)	50	206

EXECUTIVE SUMMARY

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

An online review and analysis by AP ENGINEERING & CONSULTING, INC of the EDR Hist Auto list, as provided by EDR, has revealed that there are 2 EDR Hist Auto sites within approximately 0.125 miles of the target property.

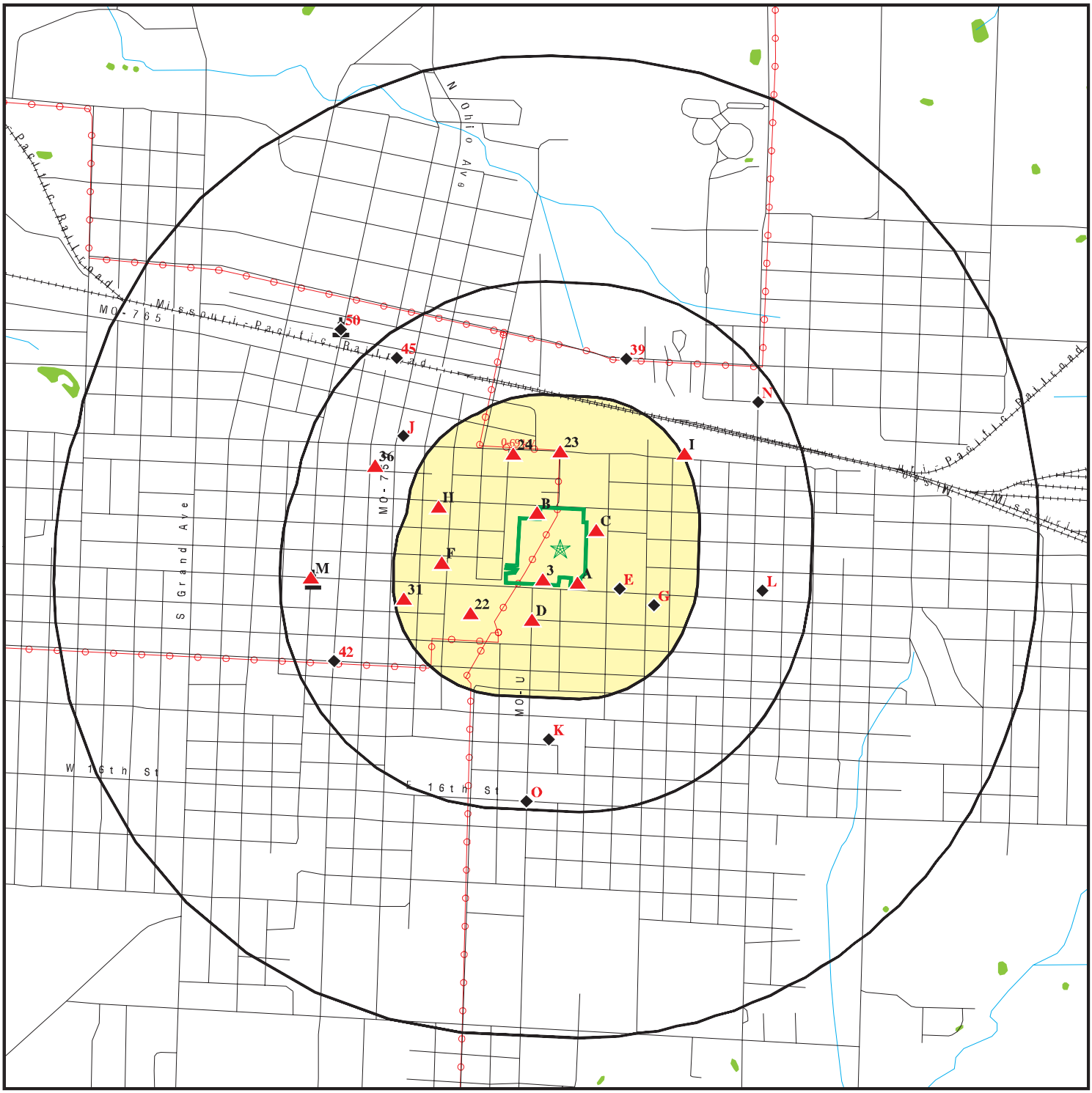
Lower Elevation	Address	Direction / Distance	Map ID	Page
SCHUMAKER JAMES A SA	635 E BROADWAY	0 - 1/8 (0.000 mi.)	A8	25
HANNING WILLIAM C	663 E BROADWAY	SE 0 - 1/8 (0.040 mi.)	A13	40

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 2 records.

Site Name	Database(s)
SEDALIA COAL GAS	SEMS-ARCHIVE
FORMER CITIES SERVICE OIL CO.	MO LUST, MO UST

OVERVIEW MAP - 7900511.2S



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

0 1/4 1/2 1 Miles

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

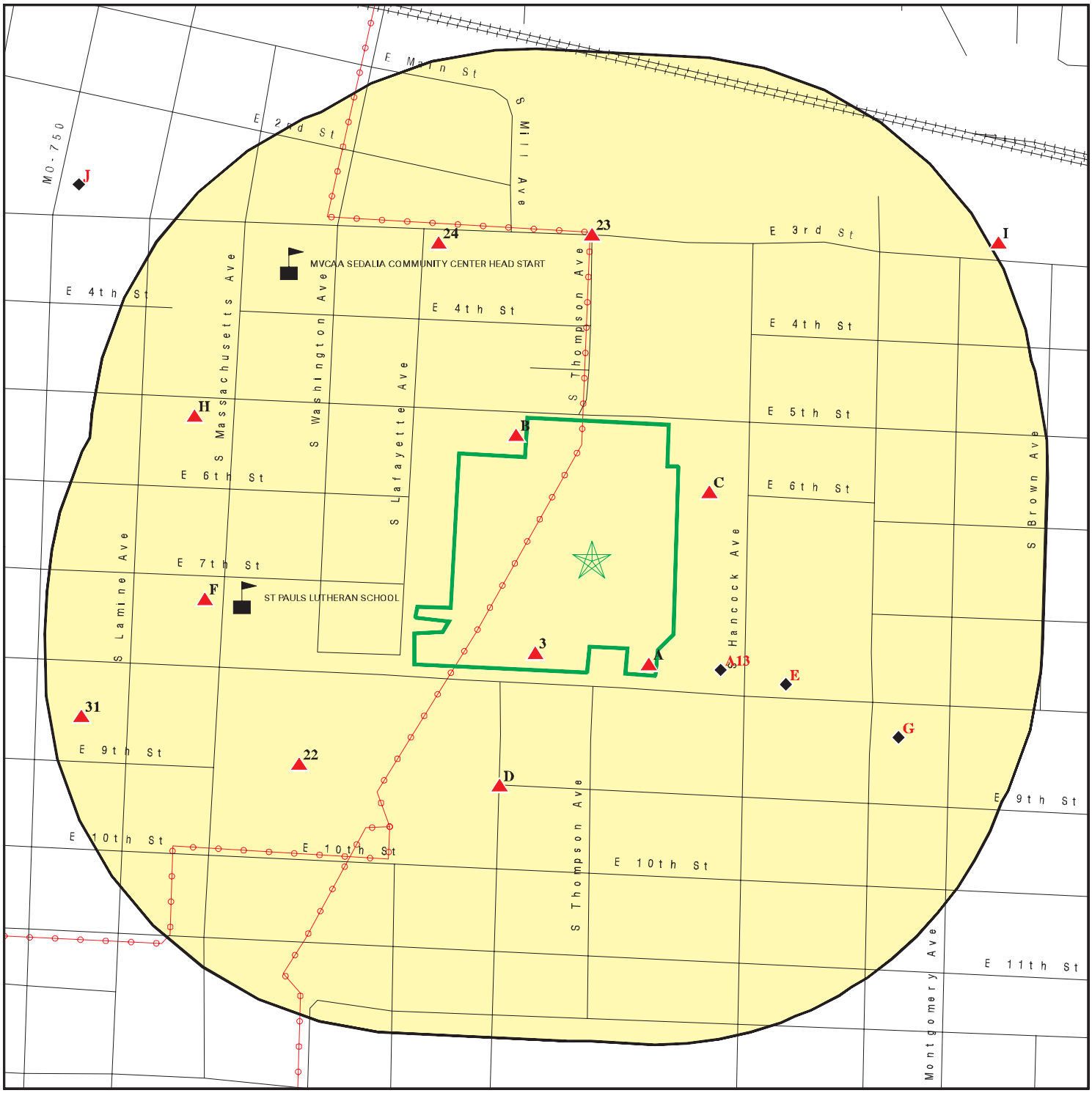
State Wetlands

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

SITE NAME: Proposed Development - Sedalia, MO	CLIENT: AP Engineering & Consulting, Inc
ADDRESS: East Broadway Boulevard Sedalia MO 65301	CONTACT: Alli Schmitt INQUIRY #: 7900511.2s
LAT/LONG: 38.705224 / 93.221454	DATE: March 06, 2025 2:47 pm

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DETAIL MAP - 7900511.2S



0 1/16 1/8 1/4 Miles

- 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
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard

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

SITE NAME:	Proposed Development - Sedalia, MO	CLIENT:	AP Engineering & Consulting, Inc
ADDRESS:	East Broadway Boulevard Sedalia MO 65301	CONTACT:	Alli Schmitt
		INQUIRY #:	7900511.2s
LAT/LONG:	38.705224 / 93.221454	DATE:	March 06, 2025 2:50 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	0	NR	0
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	1	NR	NR	NR	1
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
Lists of state- and tribal hazardous waste facilities								
MO SHWS	1.000		0	0	0	0	NR	0
Lists of state and tribal landfills and solid waste disposal facilities								
MO SWF/LF	0.500		0	0	0	NR	NR	0
Lists of state and tribal leaking storage tanks								
MO LUST	0.500	1	2	0	8	NR	NR	11

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MO LAST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
MO UST	0.250	3	5	2	NR	NR	NR	10
MO AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
MO TANKS	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
MO AUL	0.500		0	0	0	NR	NR	0
Lists of state and tribal voluntary cleanup sites								
MO VCP	0.500		0	1	1	NR	NR	2
INDIAN VCP	0.500		0	0	0	NR	NR	0
Lists of state and tribal brownfield sites								
MO BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500	1	0	0	1	NR	NR	2
Local Lists of Landfill / Solid Waste Disposal Sites								
MO SWRCY	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
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
MO CDL	0.001		0	NR	NR	NR	NR	0
MO DEL SHWS	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	0.001		0	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
MO SPILLS	0.001		0	NR	NR	NR	NR	0
MO SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		1	2	NR	NR	NR	3

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001	1	0	NR	NR	NR	NR	1
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS PROJECT	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAIN	0.250		0	0	NR	NR	NR	0
PFAS PT 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UST FINDER RELEASE	0.500	1	2	0	5	NR	NR	8
UST FINDER	0.250	2	3	2	NR	NR	NR	7
E MANIFEST	0.250		2	1	NR	NR	NR	3
MO PFAS	0.250		0	0	NR	NR	NR	0
MO AIRS	0.001		0	NR	NR	NR	NR	0
MO ASBESTOS	0.001		0	NR	NR	NR	NR	0
MO COAL ASH	0.500		0	0	0	NR	NR	0
MO DRYCLEANERS	0.250		0	0	NR	NR	NR	0
MO Financial Assurance	0.001		0	NR	NR	NR	NR	0
WI MANIFEST	0.250		0	1	NR	NR	NR	1
MO MINES	0.250		0	0	NR	NR	NR	0
MO NPDES	0.001		0	NR	NR	NR	NR	0
MO RRC	0.001		0	NR	NR	NR	NR	0
MO SMARS	0.500		0	1	3	NR	NR	4
MO UIC	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	1	1	NR	2
EDR Hist Auto	0.125		2	NR	NR	NR	NR	2
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
MO RGA HWS	0.001		0	NR	NR	NR	NR	0
MO RGA LF	0.001		0	NR	NR	NR	NR	0
MO RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		9	17	11	19	1	0	57

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **SALTY'S** **MO UST** **U001160863**
Target **641 E BROADWAY** **N/A**
Property **SEDALIA, MO 65301**

Site 1 of 8 in cluster A

Actual:
906 ft.

Client Plot

UST:
Facility ID: ST0006352
Region: KC
Easting: 480791.62
Northing: 4283969.98
Owner Of Geospatial Data: Hazardous Waste Program
Geospatial Data Collected By: BENSON, J
Date GIS Data Collected: Not reported
Lat/Long: 38.65638 / -93.22862
Lat/Long (dms): Not reported

Tanks:

Owner:
Owner ID: OW04817
Owner Name: KATY RAILROAD
Owner Address: 641 E BROADWAY []
Owner City,St,Zip: SEDALIA, MO 65301
Owner County Code: 159
Owner Phone: 8264123
Mail Was Not Deliverable: Yes
Is Owner Active?: No
Date Registration Received: Not reported
Date Record Added: 1995-06-30 00:00:00
Date Record Edited: 1996-08-26 00:00:00
Name of Person Editing Record: N$HOEGR

Tank ID: 1
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: **Removed**
Meet 98 Update Requirements: Not reported
Date Tank Installed: 01/01/1976
Tank Material: Steel
Code for Tank Material Manufacturer: Not reported
Code for Tank Installer: 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 Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 04/14/1987
Date Tank Permanently Closed/ Removed: 12/01/1989
Dt Tk Exp Brought InUse/Internal Tracking: 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
Date Record Added: 06/30/1995

SALTY'S (Continued) **U001160863**

Date Record Edited: 08/26/1996
Person Adding/Editing Record: N$HOEGR
Date Of NFA Letter: 12/01/1989
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: Not reported
Date Of Aprroval Letter: Not reported
Firm Closing Tank: Not reported
Date Closure Report Received: Not reported
Registration End Date: Not reported
LockOut Flag: No
Comments: Not reported

Tank Compartment:
Tanks Use: False
Compartment No: 1
Tank Compartment PK: 15898
Tank PK: 15898
Case Number: Not reported
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 8000
Substance: Gasoline, Including Blends
Substance Other: Not reported
Hazardous Substance: Not reported
Mixture: False
Date of Last Use: 1987-04-14 00:00:00
Pipe Installation Date: Not reported
Pipe System: Not reported
Pipe Material: 1
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Date: Not reported
Pipe Double Wall: 0
Spill Protection: False

Owner:
Owner ID: OW04817
Owner Name: KATY RAILROAD
Owner Address: 641 E BROADWAY []
Owner City,St,Zip: SEDALIA, MO 65301
Owner County Code: 159
Owner Phone: 8264123
Mail Was Not Deliverable: Yes
Is Owner Active?: No
Date Registration Received: Not reported
Date Record Added: 1995-06-30 00:00:00
Date Record Edited: 1996-08-26 00:00:00
Name of Person Editing Record: N$HOEGR

Tank ID: 2
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: Not reported
Date Tank Installed: 01/01/1976

SALTY'S (Continued) **U001160863**

Tank Material: Steel
Code for Tank Material Manufacturer: Not reported
Code for Tank Installer: 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 Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 04/14/1987
Date Tank Permanently Closed/ Removed: 12/01/1989
Dt Tk Exp Brought InUse/Internal Tracking: 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
Date Record Added: 06/30/1995
Date Record Edited: 08/26/1996
Person Adding/Editing Record: N$HOEGR
Date Of NFA Letter: 12/01/1989
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: Not reported
Date Of Aprroval Letter: Not reported
Firm Closing Tank: Not reported
Date Closure Report Received: Not reported
Registration End Date: Not reported
LockOut Flag: No
Comments: Not reported

Tank Compartment:
Tanks Use: False
Compartment No: 1
Tank Compartment PK: 15899
Tank PK: 15899
Case Number: Not reported
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 8000
Substance: Gasoline, Including Blends
Substance Other: Not reported
Hazardous Substance: Not reported
Mixture: False
Date of Last Use: 1987-04-14 00:00:00
Pipe Installation Date: Not reported
Pipe System: Not reported
Pipe Material: 1
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Date: Not reported
Pipe Double Wall: 0
Spill Protection: False

Tank Aug 2011:

SALTY'S (Continued) **U001160863**

Facility Id:	ST0006352
Tank Id:	1
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:	No
No Buildings:	No
Vapor Barrier:	0
St Louis Mo:	No
Special Well Area:	No
Surface Cap:	No
No Excavation:	No

Facility Id:	ST0006352
Tank Id:	2
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:	No
No Buildings:	No
Vapor Barrier:	0
St Louis Mo:	No
Special Well Area:	No
Surface Cap:	No
No Excavation:	No

A2 **SALTY'S** **UST FINDER** **1028468536**
Target **641 E BROADWAY** **N/A**
Property **SEDALIA, MO 65301**

Site 2 of 8 in cluster A

Actual:
906 ft.

Client Plot

UST FINDER:

Object ID:	266067
Facility ID:	MOST0006352
Name:	SALTY'S
Address:	641 E BROADWAY
City,State,Zip:	SEDALIA, MO 65301
Address Match Type:	Not reported
Open USTs:	0
Closed USTs:	2
TOS USTs:	0
Population 1500ft:	957
Private Wells 1500ft:	0
Within 100yr Floodplain:	No
Land Use:	Developed, Medium Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported

SALTY'S (Continued) **1028468536**

SPA Water Type: Not reported
SPA Facility Type: Not reported
SPA HUC12: Not reported
Within WHPA: No
WHPA PWS Facility ID: Not reported
WHPA Water Type: Not reported
WHPA Facility Type: Not reported
WHPA HUC12: Not reported
Facility Status: Closed UST(s)
Date of Last Inspection: Not reported
EPA Region: 7
Tribe: Not reported
Coordinate Source: State
X Coord: -93.221287
Y Coord: 38.704013
Latitude: 38.704013
Longitude: -93.221287

UST FINDER:
Object ID: 930607
Facility ID: MOST0006352
Tank ID: MO15898
Tank Status: Closed
Installation Date: 1976/01/01 16:00:00+00
Removal Date: Not reported
Tank Capacity: 8000
Substances: Gasoline, Including Blends
Tank Wall Type: Single

Object ID: 930608
Facility ID: MOST0006352
Tank ID: MO15899
Tank Status: Closed
Installation Date: 1976/01/01 16:00:00+00
Removal Date: Not reported
Tank Capacity: 8000
Substances: Gasoline, Including Blends
Tank Wall Type: Single

---

3 **OLD SUTHERLANDS LUMBER** **FINDS** **1016350403**
Target Property **637, 641 AND 601 EAST BROADWAY** **US BROWNFIELDS** **N/A**
SEDALIA, MO 65301

Actual: 906 ft.

Client Plot

US BROWNFIELDS:
Name: OLD SUTHERLANDS LUMBER
Address: 637, 641 And 601 East Broadway
City,State,Zip: SEDALIA, MO 65301
Property ID: 96826
Property Alias: Not reported
Recipient Name: Missouri Department of Natural Resources
Grant Type: Not reported
Property Number: 1.52E+14
Parcel Size: 16
Latitude: 38.704
Longitude: -93.2221
Census Tract: 29159480900
State or Tribal Voluntary Response Program: Y

OLD SUTHERLANDS LUMBER (Continued) **1016350403**

Program Name: RP
AA Activity Funded: Not reported
Start Date: Not reported
Redev Completition Date: Not reported
Completed Date: Not reported
Cleanup Funding: Not reported
Cleanup Funding Source: Not reported
Activity Funded: Not reported
Assessment Funding: Not reported
Assessment Funding Source: Not reported
Redevelopment Funding: Not reported
Contaminants REC: Not reported
Contaminants Found at Actionable Level: Lead Other Metals
Redev. Funding Source: Not reported
Redev. Funding Entity Name: Not reported
Contaminants Found Below Actionable Level: Not reported
Redevelopment Start Date: Not reported
Assessment Funding Entity: EPA
Cleanup Funding Entity: Not reported
Climate Adapt Mitig - Planning or Assessment: Not reported
Cooperative Agreement Number: 98727702
Start Date: 2008-11-08 00:00:00
Ownership Entity: Private
Additional Institutional Controls Information: Not reported
Completion Date: 2008-12-08 00:00:00
Address of Data Sources (URL if available) 1: Not reported
Cleanup Required: Y
Indicates Cleanup/Treatment Tech Implemented: Not reported
Institutional Controls Required: U
IC Category Proprietary Controls: Not reported
Excavation and Disposal of Soils: Not reported
Extraction of contaminants: Not reported
IC Cat. Info. Devices: Not reported
Removal of materials (tanks and piping, etc.): Not reported
IC Cat. Gov. Controls: Not reported
Reduction of Contam Bioremediation/Phytoremediation: Not reported
IC Cat. Enforcement Permit Tools: Not reported
Cleanup of structures: Not reported
IC in place date: Not reported
Additional Cleanup/Treatment Tech Info: Not reported
IC in place: Not reported
Address of Data Source (URL if available) 2: Not reported
Indicate whether Engineering Controls are required: U
State/tribal program ID: Not reported
Cover Technologies (e.g., Capping): Not reported
Security (e.g., Guard, Fence): Not reported
Immobilization Process: Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet): Not reported
Other: Not reported
Additional Engineering Controls Information: Not reported
Address of Data Source (URL if available) 3: Not reported
Indicate whether Engineering Controls are in place: Not reported
Date Engineering Controls put into place: Not reported
ACRES Cleaned Up: Not reported
Section 128(a) State/Tribal: Not reported
Multipurpose - Cost Share Amount: Not reported
Cleanup - Cost Share Amount: Not reported

OLD SUTHERLANDS LUMBER (Continued) **1016350403**

RLF Loan - Total Loan Amount: Not reported
RLF - Loan Signed Date: Not reported
RLF Loan - Anticipated Repayment Start Date: Not reported
RLF Loan - Anticipated Repayment End Date: Not reported
RLF Loan - Interest Rate: Not reported
RLF Loan - EPA Funds Used: Not reported
Contaminant Cleanup: Not reported
RLF Loan - Cost Share Used: Not reported
Media Affected: Soil
RLF Loan - Program Income Used: Not reported
Media Cleanup: Soil
RLF Loan - Discounted: Not reported
RLF Loan - Discount Percentage: Not reported
RLF Subgrant - Total Subgrant Amount: Not reported
RLF Subgrant - Signed Date: Not reported
RLF Subgrant - EPA Funds Used: Not reported
RLF Subgrant - Cost Share Used: Not reported
RLF Subgrant - Program Income Used: Not reported
RLF Direct Cleanup - Total Funding Amt: Not reported
Num. of cleanup and re-dev. jobs: Not reported
RLF Direct Cleanup - Source of Funding: Not reported
RLF Leveraged - Funding Source Type: Not reported
Past use greenspace acreage: Not reported
Past use residential acreage: Not reported
RLF Leveraged - Entity Providing Funding: Not reported
RLF Leveraged - Funding Amount: Not reported
Cleanup Completion Doc - NFA Letter Received: N
Past use commercial acreage: 16
NFA Letter Date Received: Not reported
Past use industrial acreage: Not reported
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro: N
Future use greenspace acreage: Not reported
Letter/Signed Report Date Received: Not reported
Future use residential acreage: Not reported
Future use commercial acreage: Not reported
Cleanup Completion Doc- Other forms of Doc: Not reported
Future use industrial acreage: Not reported
Climate Adapt and Mitiga - Demo or Cleanup: Not reported
ReDev Activity Funded: Not reported
Amount of Funding Expended on this Activity 2: Not reported
Number of Redevelopment Jobs Leveraged: Not reported
Climate Adaptation and Mitigation Redevelopment: Not reported
Radius: 0.5
Below Poverty Number: 813
Below Poverty Percent: 30.92
Meidan Income: 6124
Meidan Income Number: 1644
Meidan Income Percent: 62.53
Vacant Housing Number: 210
Vacant Housing Percent: 18.31
Unemployed Number: 94
Unemployed Percent: 3.58

Name: OLD SUTHERLANDS LUMBER
Address: 637, 641 And 601 East Broadway
City,State,Zip: SEDALIA, MO 65301
Property ID: 96826

OLD SUTHERLANDS LUMBER (Continued) **1016350403**

Property Alias: Not reported
Recipient Name: Missouri Department of Natural Resources
Grant Type: Not reported
Property Number: 1.52E+14
Parcel Size: 16
Latitude: 38.704
Longitude: -93.2221
Census Tract: 29159480900
State or Tribal Voluntary Response Program: Y
Program Name: RP
AA Activity Funded: Not reported
Start Date: Not reported
Redev Completition Date: Not reported
Completed Date: Not reported
Cleanup Funding: Not reported
Cleanup Funding Source: Not reported
Activity Funded: Not reported
Assessment Funding: Not reported
Assessment Funding Source: Not reported
Redevelopment Funding: Not reported
Contaminants REC: Not reported
Contaminants Found at Actionable Level: Lead Other Metals
Redev. Funding Source: Not reported
Redev. Funding Entity Name: Not reported
Contaminants Found Below Actionable Level: Not reported
Redevelopment Start Date: Not reported
Assessment Funding Entity: Not reported
Cleanup Funding Entity: Not reported
Climate Adapt Mitig - Planning or Assessment: Not reported
Cooperative Agreement Number: 98727702
Start Date: 2009-03-12 00:00:00
Ownership Entity: Private
Additional Institutional Controls Information: Not reported
Completion Date: 2009-03-30 00:00:00
Address of Data Sources (URL if available) 1: Not reported
Cleanup Required: Y
Indicates Cleanup/Treatment Tech Implemented: Not reported
Institutional Controls Required: U
IC Category Proprietary Controls: Not reported
Excavation and Disposal of Soils: Not reported
Extraction of contaminants: Not reported
IC Cat. Info. Devices: Not reported
Removal of materials (tanks and piping, etc.): Not reported
IC Cat. Gov. Controls: Not reported
Reduction of Contam Bioremediation/Phytoremediation: Not reported
IC Cat. Enforcement Permit Tools: Not reported
Cleanup of structures: Not reported
IC in place date: Not reported
Additional Cleanup/Treatment Tech Info: Not reported
IC in place: Not reported
Address of Data Source (URL if available) 2: Not reported
Indicate whether Engineering Controls are required: U
State/tribal program ID: Not reported
Cover Technologies (e.g., Capping): Not reported
Security (e.g., Guard, Fence): Not reported
Immobilization Process: Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet): Not reported

OLD SUTHERLANDS LUMBER (Continued) **1016350403**

Other: Not reported
Additional Engineering Controls Information: Not reported
Address of Data Source (URL if available) 3: Not reported
Indicate whether Engineering Controls are in place: Not reported
Date Engineering Controls put into place: Not reported
ACRES Cleaned Up: Not reported
Section 128(a) State/Tribal: Not reported
Multipurpose - Cost Share Amount: Not reported
Cleanup - Cost Share Amount: Not reported
RLF Loan - Total Loan Amount: Not reported
RLF - Loan Signed Date: Not reported
RLF Loan - Anticipated Repayment Start Date: Not reported
RLF Loan - Anticipated Repayment End Date: Not reported
RLF Loan - Interest Rate: Not reported
RLF Loan - EPA Funds Used: Not reported
Contaminant Cleanup: Not reported
RLF Loan - Cost Share Used: Not reported
Media Affected: Soil
RLF Loan - Program Income Used: Not reported
Media Cleanup: Soil
RLF Loan - Discounted: Not reported
RLF Loan - Discount Percentage: Not reported
RLF Subgrant - Total Subgrant Amount: Not reported
RLF Subgrant - Signed Date: Not reported
RLF Subgrant - EPA Funds Used: Not reported
RLF Subgrant - Cost Share Used: Not reported
RLF Subgrant - Program Income Used: Not reported
RLF Direct Cleanup - Total Funding Amt: Not reported
Num. of cleanup and re-dev. jobs: Not reported
RLF Direct Cleanup - Source of Funding: Not reported
RLF Leveraged - Funding Source Type: Not reported
Past use greenspace acreage: Not reported
Past use residential acreage: Not reported
RLF Leveraged - Entity Providing Funding: Not reported
RLF Leveraged - Funding Amount: Not reported
Cleanup Completion Doc - NFA Letter Received: N
Past use commercial acreage: 16
NFA Letter Date Received: Not reported
Past use industrial acreage: Not reported
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro: N
Future use greenspace acreage: Not reported
Letter/Signed Report Date Received: Not reported
Future use residential acreage: Not reported
Future use commercial acreage: Not reported
Cleanup Completion Doc- Other forms of Doc: Not reported
Future use industrial acreage: Not reported
Climate Adapt and Mitiga - Demo or Cleanup: Not reported
ReDev Activity Funded: Not reported
Amount of Funding Expended on this Activity 2: Not reported
Number of Redevelopment Jobs Leveraged: Not reported
Climate Adaptation and Mitigation Redevelopment: Not reported
Radius: 0.5
Below Poverty Number: 813
Below Poverty Percent: 30.92
Meidan Income: 6124
Meidan Income Number: 1644
Meidan Income Percent: 62.53

OLD SUTHERLANDS LUMBER (Continued) **1016350403**

Vacant Housing Number: 210
Vacant Housing Percent: 18.31
Unemployed Number: 94
Unemployed Percent: 3.58

FINDS:
Registry ID: 110039063713

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on Brownfields properties assessed or cleaned up with grant funding, as well as information on Targeted Brownfields Assessments (TBA) performed by EPA Regions.

Click here to access additional FINDS: detail in the EDR Site Report.

A4 Target Property **UNION PACIFIC** **UST FINDER** **1028469184**
651 E BROADWAY OLD HUDSON **N/A**
SEDALIA, MO 65301

Site 3 of 8 in cluster A

Actual: 906 ft.

UST FINDER:
Object ID: 266106
Facility ID: MOST0007076
Name: UNION PACIFIC
Address: 651 E BROADWAY OLD HUDSON
City,State,Zip: SEDALIA, MO 65301
Address Match Type: Not reported
Open USTs: 0
Closed USTs: 2
TOS USTs: 0
Population 1500ft: 66
Private Wells 1500ft: 0
Within 100yr Floodplain: No
Land Use: Developed, High Intensity
Within SPA: No
SPA PWS Facility ID: Not reported
SPA Water Type: Not reported
SPA Facility Type: Not reported
SPA HUC12: Not reported
Within WHPA: No
WHPA PWS Facility ID: Not reported
WHPA Water Type: Not reported
WHPA Facility Type: Not reported
WHPA HUC12: Not reported
Facility Status: Closed UST(s)
Date of Last Inspection: Not reported
EPA Region: 7
Tribe: Not reported
Coordinate Source: State
X Coord: -93.1938
Y Coord: 38.7059
Latitude: 38.7059
Longitude: -93.1938

UNION PACIFIC (Continued) **1028469184**

UST FINDER:
Object ID: 944402
Facility ID: MOST0007076
Tank ID: MO17880
Tank Status: Closed
Installation Date: Not reported
Removal Date: Not reported
Tank Capacity: 12000
Substances: Used Oil
Tank Wall Type: Single

Object ID: 944403
Facility ID: MOST0007076
Tank ID: MO17879
Tank Status: Closed
Installation Date: Not reported
Removal Date: Not reported
Tank Capacity: 12000
Substances: Gasoline, Including Blends
Tank Wall Type: Single

A5 **UNION PACIFIC RAILROAD** **UST FINDER RELEASE** **1029045781**
Target **651 E BROADWAY** **N/A**
Property **SEDALIA, MO 65301**

Site 4 of 8 in cluster A

Actual: **906 ft.**

UST FINDER RELEASE:
Object ID: 12698
Facility ID: MOST5800077
Lust ID: MOR001999
Name: UNION PACIFIC RAILROAD
Address: 651 E BROADWAY
City,State,Zip: SEDALIA, MO 65301
Address Match Type: Not reported
Reported Date: 1990/11/13 15:59:59+00
Status: No Further Action
Substance: Not reported
Population within 1500ft: 1008
Domestic Wells within 1500ft: 0
Land Use: Developed, Medium Intensity
Within SPA: No
SPA PWS Facility ID: Not reported
SPA Water Type: Not reported
SPA Facility Type: Not reported
SPA HUC12: Not reported
Within WHPA: No
WHPA PWS Facility ID: Not reported
WHPA Water Type: Not reported
WHPA Facility Type: Not reported
WHPA HUC12: Not reported
Within 100yr Floodplain: No
Tribe: Not reported
EPA Region: 7
NFA Letter 1: Not reported
NFA Letter 2: Not reported

UNION PACIFIC RAILROAD (Continued) **1029045781**

NFA Letter 3: Not reported
NFA Letter 4: Not reported
Closed With Residual Contaminate: Not reported
Coordinate Source: State
X Coord: -93.22068
Y Coord: 38.7041
Latitude: 38.7040999999999
Longitude: -93.22068

A6 **UNION PACIFIC** **MO UST** **U001162737**
Target **651 E BROADWAY OLD HUDSON** **N/A**
Property **SEDALIA, MO 65301**

Site 5 of 8 in cluster A

Actual:
906 ft.

UST:
Facility ID: ST0007076
Region: KC
Easting: 483149.261
Northing: 4284158.63
Owner Of Geospatial Data: Hazardous Waste Program
Geospatial Data Collected By: CARES
Date GIS Data Collected: 04/11/2000
Lat/Long: 38.7059 / -93.1938
Lat/Long (dms): 38 42 14 / 93 13 10

Tanks:

Owner:
Owner ID: OW10395
Owner Name: UNION PACIFIC RAILROAD CO
Owner Address: 1416 DODGE STREET ROOM 930
Owner City,St,Zip: OMAHA, NE 68179
Owner County Code: 67
Owner Phone: 2713248
Mail Was Not Deliverable: No
Is Owner Active?: No
Date Registration Received: Not reported
Date Record Added: 1995-06-30 00:00:00
Date Record Edited: 1998-11-23 00:00:00
Name of Person Editing Record: NRESSD

Tank ID: 1
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: Not reported
Date Tank Installed: Not reported
Tank Material: Steel
Code for Tank Material Manufacturer: Not reported
Code for Tank Installer: 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 Extrn Protec: Not reported
Tank External Protec Date: Not reported

UNION PACIFIC (Continued) **U001162737**

Date Tank Last Used: 01/01/1990
Date Tank Permanently Closed/ Removed: Not reported
Dt Tk Exp Brought InUse/Internal Tracking: 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
Date Record Added: 06/30/1995
Date Record Edited: Not reported
Person Adding/Editing Record: Not reported
Date Of NFA Letter: Not reported
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: Not reported
Date Of Aprroval Letter: Not reported
Firm Closing Tank: Not reported
Date Closure Report Received: Not reported
Registration End Date: Not reported
LockOut Flag: No
Comments: Not reported

Tank Compartment:
Tanks Use: False
Compartment No: 1
Tank Compartment PK: 17879
Tank PK: 17879
Case Number: Not reported
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 12000
Substance: Gasoline, Including Blends
Substance Other: Not reported
Hazardous Substance: Not reported
Mixture: False
Date of Last Use: 1990-01-01 00:00:00
Pipe Installation Date: Not reported
Pipe System: Not reported
Pipe Material: 0
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Date: Not reported
Pipe Double Wall: 0
Spill Protection: False

Owner:
Owner ID: OW10395
Owner Name: UNION PACIFIC RAILROAD CO
Owner Address: 1416 DODGE STREET ROOM 930
Owner City,St,Zip: OMAHA, NE 68179
Owner County Code: 67
Owner Phone: 2713248
Mail Was Not Deliverable: No
Is Owner Active?: No
Date Registration Received: Not reported
Date Record Added: 1995-06-30 00:00:00

UNION PACIFIC (Continued) **U001162737**

Date Record Edited: 1998-11-23 00:00:00
Name of Person Editing Record: NRESSD

Tank ID: 2
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: Not reported
Date Tank Installed: Not reported
Tank Material: Steel
Code for Tank Material Manufacturer: Not reported
Code for Tank Installer: 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 Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 01/01/1990
Date Tank Permanently Closed/ Removed: Not reported
Dt Tk Exp Brought InUse/Internal Tracking: 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
Date Record Added: 06/30/1995
Date Record Edited: Not reported
Person Adding/Editing Record: Not reported
Date Of NFA Letter: Not reported
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: Not reported
Date Of Aprroval Letter: Not reported
Firm Closing Tank: Not reported
Date Closure Report Received: Not reported
Registration End Date: Not reported
LockOut Flag: No
Comments: Not reported

Tank Compartment:
Tanks Use: False
Compartment No: 1
Tank Compartment PK: 17880
Tank PK: 17880
Case Number: Not reported
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 12000
Substance: Used Oil
Substance Other: Not reported
Hazardous Substance: Not reported
Mixture: False
Date of Last Use: 1990-01-01 00:00:00
Pipe Installation Date: Not reported
Pipe System: 4

UNION PACIFIC (Continued) **U001162737**

Pipe Material: 0
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Date: Not reported
Pipe Double Wall: 0
Spill Protection: False

Tank Aug 2011:
Facility Id: ST0007076
Tank Id: 1
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: No
No Buildings: No
Vapor Barrier: 0
St Louis Mo: No
Special Well Area: No
Surface Cap: No
No Excavation: No

Facility Id: ST0007076
Tank Id: 2
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: No
No Buildings: No
Vapor Barrier: 0
St Louis Mo: No
Special Well Area: No
Surface Cap: No
No Excavation: No

A7 **UNION PACIFIC RAILROAD** **MO UST** **U003980725**
Target **651 E BROADWAY** **MO LUST** **N/A**
Property **SEDALIA, MO 65301**

Site 6 of 8 in cluster A

Actual:
906 ft.

LUST:
Name: UNION PACIFIC RAILROAD
Address: 651 E BROADWAY
City,State,Zip: SEDALIA, MO 65301
Facility ID: ST5800077
Region: KC - Kansas City Regional Office

UNION PACIFIC RAILROAD (Continued) **U003980725**

Lat/Long (dms): Not reported
Spill Number: Not reported
Release Date: 11/13/1990
Release Type: UNDERGROUND STORAGE TANK
Date Cleanup Started: 11/13/1990
Date Cleanup Finished: 11/12/1999
Expedited: No
Expedited Date: Not reported
Expenditures From The American Recovery and Reinvestment Act of 2009: No
Reopened Date: Not reported
Number Of Remediation Monitoring Wells: 0
Active: No
Date Of NFA Letter From DNR: Not reported
Date Record Meets Archive Criteria: Not reported
Remediation ID: R001999
Rank: Not reported
Emergeny Response Date: Not reported
Emergency Cleanup Start: Not reported
Referred To DGLS for Investigation: Not reported
Contractor Performing Clean Up: 138
RBCA NFA: No
Project Manager: L
Next Correspondence/Update With Fac: Not reported
Date Added: 06/30/1995
Date Record Edited: 06/19/2013
Person Adding Or Editing Record: VEIT, CHRIS
Facility Sent To State Archive: Yes
Date Remediation Unit Closed The File: Not reported
Site Affectd By Funding Level From PSTIF: No
General Comments: USTs removed, exc 3500 tons soil. soil & gw samples < cu
11-12-99 vg rev well closure doc. site can be closed.

UST:
Facility ID: ST5800077
Region: KC
Easting: 480812.452
Northing: 4283963.07
Owner Of Geospatial Data: Hazardous Waste Program
Geospatial Data Collected By: CON_Fortin,Joel
Date GIS Data Collected: 02/26/2014
Lat/Long: 38.70409 / -93.22067
Lat/Long (dms): Not reported

Tanks:

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

UNION PACIFIC RAILROAD (Continued) **U003980725**

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
Code for Tank Material Manufacturer: Not reported
Code for Tank Installer: 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 Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: Not reported
Date Tank Permanently Closed/ Removed: Not reported
Dt Tk Exp Brought InUse/Internal Tracking: 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
Date Record Added: Not reported
Date Record Edited: Not reported
Person Adding/Editing Record: Not reported
Date Of NFA Letter: Not reported
Is Tank Used For Emergency Generator: Not reported
Date Closure Notice Received: Not reported
Date Of Aprroval Letter: Not reported
Firm Closing Tank: Not reported
Date Closure Report Received: Not reported
Registration End Date: Not reported
LockOut Flag: Not reported
Comments: Not reported

Tank Aug 2011:
Facility Id: ST5800077
Tank Id: Not reported
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: Not reported
No Buildings: Not reported
Vapor Barrier: Not reported
St Louis Mo: Not reported
Special Well Area: Not reported
Surface Cap: Not reported
No Excavation: Not reported

A8 **SCHUMAKER JAMES A SALTY** **EDR Hist Auto** **1020525758**
635 E BROADWAY **N/A**
< 1/8 **SEDALIA, MO 65301**
1 ft.

Site 7 of 8 in cluster A

Relative: EDR Hist Auto:
Lower

Actual: Year: Name: / Type:
899 ft. 1972: SCHUMAKER JAMES A SALTY / Toys And Hobby Goods And Supplies
1973: SCHUMAKER JAMES A SALTY / Petroleum Products, NEC
Client Plot 1974: SCHUMAKER JAMES A SALTY / Petroleum Products, NEC
1975: SCHUMAKER JAMES A SALTY / Petroleum Products, NEC
1976: SCHUMAKER JAMES A SALTY / Petroleum Products, NEC
1977: SCHUMAKER JAMES A SALTY / Petroleum Products, NEC
1978: SCHUMAKER JAMES A SALTY / Petroleum Bulk Stations And Terminals
1979: SCHUMAKER JAMES A SALTY / Petroleum Bulk Stations And Terminals
1980: SCHUMAKER JAMES A SALTY / Petroleum Bulk Stations And Terminals
1982: SCHUMAKER JAMES A SALTY / Petroleum Bulk Stations And Terminals
1983: SCHUMAKER JAMES A SALTY / Petroleum Bulk Stations And Terminals
1985: SCHUMAKER JAMES A SALTY / Petroleum Bulk Stations And Terminals
1986: SCHUMAKER JAMES A SALTY / Petroleum Bulk Stations And Terminals
1987: SCHUMAKER JAMES A (SALTY) / Petroleum Bulk Stations And Terminals

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B9 **US RENTS IT** **UST FINDER** **1028468514**
NNW **530 E 5TH ST** **N/A**
< 1/8 **SEDALIA, MO 65301**
0.007 mi.
35 ft.

Site 1 of 2 in cluster B

Relative: UST FINDER:
Higher

Actual: Object ID: 266130
911 ft. Facility ID: MOST0006326
Name: US RENTS IT
Address: 530 E 5TH ST
City,State,Zip: SEDALIA, MO 65301
Address Match Type: Not reported
Open USTs: 0
Closed USTs: 2
TOS USTs: 0
Population 1500ft: 688
Private Wells 1500ft: 0
Within 100yr Floodplain: No
Land Use: Developed, Medium Intensity
Within SPA: No
SPA PWS Facility ID: Not reported
SPA Water Type: Not reported
SPA Facility Type: Not reported
SPA HUC12: Not reported
Within WHPA: No
WHPA PWS Facility ID: Not reported
WHPA Water Type: Not reported
WHPA Facility Type: Not reported
WHPA HUC12: Not reported
Facility Status: Closed UST(s)
Date of Last Inspection: Not reported
EPA Region: 7
Tribe: Not reported
Coordinate Source: State
X Coord: -93.222954

US RENTS IT (Continued) **1028468514**

Y Coord: 38.7066970000001
Latitude: 38.706697
Longitude: -93.222954

UST FINDER:
Object ID: 940113
Facility ID: MOST0006326
Tank ID: MO15847
Tank Status: Closed
Installation Date: 1956/01/01 16:00:01+00
Removal Date: Not reported
Tank Capacity: 1000
Substances: Empty
Tank Wall Type: Single

Object ID: 924336
Facility ID: MOST0006326
Tank ID: MO15848
Tank Status: Closed
Installation Date: 1985/01/01 16:00:00+00
Removal Date: Not reported
Tank Capacity: 1000
Substances: Gasoline, Including Blends
Tank Wall Type: Single

B10 **US RENTS IT** **MO UST** **U000753979**
NNW **530 E 5TH ST** **N/A**
< 1/8 **SEDALIA, MO 65301**
0.007 mi.
35 ft. **Site 2 of 2 in cluster B**

Relative:
Higher

Actual:
911 ft.

UST:
Facility ID: ST0006326
Region: KC
Easting: 480670.957
Northing: 4284235.74
Owner Of Geospatial Data: Hazardous Waste Program
Geospatial Data Collected By: RANGEN, K
Date GIS Data Collected: 12/09/2020
Lat/Long: 38.65638 / -93.22862
Lat/Long (dms): Not reported

Tanks:

Owner:
Owner ID: OW01519
Owner Name: US & GENTGES INCORPORATED d/b/a US RENTS-IT
Owner Address: 1513 INDUSTRIAL DRIVE
Owner City,St,Zip: JEFFERSON CITY, MO 65101
Owner County Code: 51
Owner Phone: 6364105
Mail Was Not Deliverable: No
Is Owner Active?: No
Date Registration Received: Not reported
Date Record Added: 1995-06-30 00:00:00
Date Record Edited: 2006-06-20 00:00:00
Name of Person Editing Record: PURVIS, K

US RENTS IT (Continued) **U000753979**

Tank ID: 1
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Permanently Closed in place
Meet 98 Update Requirements: Not reported
Date Tank Installed: 01/01/1956
Tank Material: Not reported
Code for Tank Material Manufacturer: Not reported
Code for Tank Installer: 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 Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 06/01/1984
Date Tank Permanently Closed/ Removed: 06/01/1985
Dt Tk Exp Brought InUse/Internal Tracking: 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: 1985-06-01 00:00:00
Date Record Added: 06/30/1995
Date Record Edited: 07/05/2013
Person Adding/Editing Record: HESS, JEREMY
Date Of NFA Letter: Not reported
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: Not reported
Date Of Aprroval Letter: Not reported
Firm Closing Tank: Not reported
Date Closure Report Received: Not reported
Registration End Date: Not reported
LockOut Flag: No
Comments: Not reported

Tank Compartment:
Tanks Use: False
Compartment No: 1
Tank Compartment PK: 15847
Tank PK: 15847
Case Number: Not reported
Compartment Status: Permanently Closed in place
Compartment Temp Verified Dt: Not reported
Capacity: 1000
Substance: Empty
Substance Other: Not reported
Hazardous Substance: Not reported
Mixture: False
Date of Last Use: 1984-06-01 00:00:00
Pipe Installation Date: Not reported
Pipe System: Not reported
Pipe Material: 0
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Date: Not reported

US RENTS IT (Continued) **U000753979**

Pipe Double Wall: 0
Spill Protection: False

Owner:
Owner ID: OW01519
Owner Name: US & GENTGES INCORPORATED d/b/a US RENTS-IT
Owner Address: 1513 INDUSTRIAL DRIVE
Owner City,St,Zip: JEFFERSON CITY, MO 65101
Owner County Code: 51
Owner Phone: 6364105
Mail Was Not Deliverable: No
Is Owner Active?: No
Date Registration Received: Not reported
Date Record Added: 1995-06-30 00:00:00
Date Record Edited: 2006-06-20 00:00:00
Name of Person Editing Record: PURVIS, K

Tank ID: 2
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: Not reported
Date Tank Installed: 01/01/1985
Tank Material: Steel
Code for Tank Material Manufacturer: Not reported
Code for Tank Installer: 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 Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 10/01/1993
Date Tank Permanently Closed/ Removed: 10/05/1993
Dt Tk Exp Brought InUse/Internal Tracking: 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
Date Record Added: 06/30/1995
Date Record Edited: 07/05/2013
Person Adding/Editing Record: HESS, JEREMY
Date Of NFA Letter: 08/22/1994
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: 05/04/1993
Date Of Aprroval Letter: Not reported
Firm Closing Tank: U.S. & GENTGES
Date Closure Report Received: 08/16/1994
Registration End Date: Not reported
LockOut Flag: No
Comments: 1-1000 GAL GAS

US RENTS IT (Continued) **U000753979**

Tank Compartment:
Tanks Use: False
Compartment No: 1
Tank Compartment PK: 15848
Tank PK: 15848
Case Number: Not reported
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 1000
Substance: Gasoline, Including Blends
Substance Other: Not reported
Hazardous Substance: Not reported
Mixture: False
Date of Last Use: 1994-08-18 00:00:00
Pipe Installation Date: Not reported
Pipe System: Not reported
Pipe Material: 1
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Date: Not reported
Pipe Double Wall: 0
Spill Protection: False

Tank Aug 2011:
Facility Id: ST0006326
Tank Id: 2
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: No
No Buildings: No
Vapor Barrier: 0
St Louis Mo: No
Special Well Area: No
Surface Cap: No
No Excavation: No

Facility Id: ST0006326
Tank Id: 1
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: No
No Buildings: No
Vapor Barrier: 0

US RENTS IT (Continued) **U000753979**

St Louis Mo: No
Special Well Area: No
Surface Cap: No
No Excavation: No

C11 **DLCS SEDALIA FIRE DEPARTMENT** **E MANIFEST** **1027948471**
ENE **600 SOUTH HANCOCK** **N/A**
< 1/8 **SEDALIA, MO 65301**
0.021 mi.
113 ft. **Site 1 of 2 in cluster C**

Relative:
Higher

Actual:
907 ft.

E MANIFEST:
Manifest Tracking Number: 001815924VES
Last Updated Date: 20200612
Shipped Date: 20200526
Received Date: 20200526
Manifest Status: Signed
Submission Type: DataImage5Copy
Origin Type: Service
Generator EPA ID: MOR000024251
Generator Name: Dlcs Sedalia Fire Department
Generator Location Street Number: Not reported
Generator Location Street 1: 600 SOUTH HANCOCK
Generator Location Street 2: Not reported
Generator Location City: SEDALIA
Generator Location State: MO
Generator Location Zip: 65301-4636
Generator Mail Street Number: Not reported
Generator Mail Street 1: MO Dept. of Natural Resources
Generator Mail Street 2: 2710 West Main Street
Generator Mail City: Jefferson City
Generator Mail Zip: 65301-4636
Generator Mail State: MO
Generator Contact Company Name: Not reported
Designated Facility EPA ID: ILD098642424
Designated Facility Name: Not reported
Designated Facility Mail Street Number: Not reported
Designated Facility Mail Street 1: Not reported
Designated Facility Mail Street 2: 7 MOBILE AVE
Designated Facility Mail City: SAUGET
Designated Facility Mail Zip: 62201-1069
Designated Facility Mail State: IL
Designated Facility Location Street Number: Not reported
Designated Facility Location Street 1: 7 MOBILE AVE
Designated Facility Location Street 2: Not reported
Designated Facility Location City: SAUGET
Designated Facility Location Zip: 62201
Designated Facility Location State: IL
Designated Facility Contact Company Name: VEOLIA TECHNICAL SOLUTIONS LLC
Manifest Residue Indicator: N
Rejection Indicator: N

Manifest Tracking Number: 001815925VES
Last Updated Date: 20200608
Shipped Date: 20200526
Received Date: 20200528
Manifest Status: Signed
Submission Type: DataImage5Copy

DLCS SEDALIA FIRE DEPARTMENT (Continued) **1027948471**

Origin Type: Service
Generator EPA ID: MOR000024251
Generator Name: Dlcs Sedalia Fire Department
Generator Location Street Number: Not reported
Generator Location Street 1: 600 SOUTH HANCOCK
Generator Location Street 2: Not reported
Generator Location City: SEDALIA
Generator Location State: MO
Generator Location Zip: 65301-4636
Generator Mail Street Number: Not reported
Generator Mail Street 1: MO Dept. of Natural Resources
Generator Mail Street 2: 2710 West Main Street
Generator Mail City: Jefferson City
Generator Mail Zip: 65301-4636
Generator Mail State: MO
Generator Contact Company Name: Not reported
Designated Facility EPA ID: WID003967148
Designated Facility Name: Not reported
Designated Facility Mail Street Number: Not reported
Designated Facility Mail Street 1: Not reported
Designated Facility Mail Street 2: W124 N9451 BOUNDARY RD
Designated Facility Mail City: MENOMONEE FALLS
Designated Facility Mail Zip: 53051-1603
Designated Facility Mail State: WI
Designated Facility Location Street Number: Not reported
Designated Facility Location Street 1: W124 N9451 BOUNDARY RD
Designated Facility Location Street 2: Not reported
Designated Facility Location City: MENOMONEE FALLS
Designated Facility Location Zip: 53051
Designated Facility Location State: WI
Designated Facility Contact Company Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
Manifest Residue Indicator: N
Rejection Indicator: N

Manifest Tracking Number: 001509347VES
Last Updated Date: 20190710
Shipped Date: 20190612
Received Date: 20190617
Manifest Status: Signed
Submission Type: DataImage5Copy
Origin Type: Service
Generator EPA ID: MOR000024251
Generator Name: Dlcs Sedalia Fire Department
Generator Location Street Number: Not reported
Generator Location Street 1: 600 SOUTH HANCOCK
Generator Location Street 2: Not reported
Generator Location City: SEDALIA
Generator Location State: MO
Generator Location Zip: 65301-4636
Generator Mail Street Number: Not reported
Generator Mail Street 1: MO Dept. of Natural Resources
Generator Mail Street 2: 2710 West Main Street
Generator Mail City: Jefferson City
Generator Mail Zip: 65301-4636
Generator Mail State: MO
Generator Contact Company Name: Not reported
Designated Facility EPA ID: ILD098642424

DLCS SEDALIA FIRE DEPARTMENT (Continued) **1027948471**

Designated Facility Name: Not reported
Designated Facility Mail Street Number: Not reported
Designated Facility Mail Street 1: Not reported
Designated Facility Mail Street 2: 7 MOBILE AVE
Designated Facility Mail City: SAUGET
Designated Facility Mail Zip: 62201-1069
Designated Facility Mail State: IL
Designated Facility Location Street Number: Not reported
Designated Facility Location Street 1: 7 MOBILE AVE
Designated Facility Location Street 2: Not reported
Designated Facility Location City: SAUGET
Designated Facility Location Zip: 62201
Designated Facility Location State: IL
Designated Facility Contact Company Name: VEOLIA TECHNICAL SOLUTIONS LLC
Manifest Residue Indicator: N
Rejection Indicator: N

Federal Waste:
Manifest Tracking Number: 001509347VES
Waste Line Number: 1
Federal Waste Code: D001
Federal Waste: IGNITABLE WASTE

Manifest Tracking Number: 001509347VES
Waste Line Number: 1
Federal Waste Code: F003
Federal Waste: THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED 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.

Manifest Tracking Number: 001509347VES
Waste Line Number: 2
Federal Waste Code: D002
Federal Waste: CORROSIVE WASTE

Manifest Tracking Number: 001509347VES
Waste Line Number: 3
Federal Waste Code: D002
Federal Waste: CORROSIVE WASTE

Transporter:
Manifest Tracking Number: 001509347VES
Transporter Line Number: 1
Transporter EPA ID: NJD080631369
Transporter Name: Veolia Es Technical Solutions

Manifest Tracking Number: 001509347VES
Transporter Line Number: 2
Transporter EPA ID: ILD006493191

DLCS SEDALIA FIRE DEPARTMENT (Continued) **1027948471**

Transporter Name: Schiber Truck Company, Inc.

Waste Line:
Manifest Tracking Number: 001509347VES
Waste Line Number: 1
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: UN1993
U.S. DOT Description: Un1993, Waste Flammable Liquids, N.O.S., 3, Ii
Non-Hazardous Waste Description: Not reported
Number of Containers: 1
Container Type Code: DF
Container Type Description: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 25
Quantity Unit of Measure Code: P
Quantity Unit of Measure Description: Pounds
Waste Quantity, in Tons: 0.0125
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.0125
Waste Quantity, in Kilograms: 11.337875
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 11.337875
Management Method Code: H040
Management Method Description: INCINERATION
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: Y

Manifest Tracking Number: 001509347VES
Waste Line Number: 2
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: UN1789
U.S. DOT Description: Un1789, Waste Hydrochloric Acid Solution, 8, Ii
Non-Hazardous Waste Description: Not reported
Number of Containers: 1
Container Type Code: DF
Container Type Description: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 15
Quantity Unit of Measure Code: P
Quantity Unit of Measure Description: Pounds
Waste Quantity, in Tons: 0.0075
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.0075
Waste Quantity, in Kilograms: 6.802725
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 6.802725
Management Method Code: H040

DLCS SEDALIA FIRE DEPARTMENT (Continued) **1027948471**

Management Method Description: INCINERATION
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: Y

Manifest Tracking Number: 001509347VES
Waste Line Number: 3
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: UN2796
U.S. DOT Description: Un2796, Waste Sulfuric Acid Solution, 8, Ii
Non-Hazardous Waste Description: Not reported
Number of Containers: 1
Container Type Code: DF
Container Type Description: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 15
Quantity Unit of Measure Code: P
Quantity Unit of Measure Description: Pounds
Waste Quantity, in Tons: 0.0075
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.0075
Waste Quantity, in Kilograms: 6.802725
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 6.802725
Management Method Code: H040
Management Method Description: INCINERATION
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: Y

Manifest Tracking Number: 001509347VES
Waste Line Number: 4
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: UN3262
U.S. DOT Description: Un3262, Corrosive Solid, Basic, Inorganic, N.O.S., 8, Ii
Non-Hazardous Waste Description: Not reported

DLCS SEDALIA FIRE DEPARTMENT (Continued) **1027948471**

Number of Containers: 1
Container Type Code: DF
Container Type Description: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 10
Quantity Unit of Measure Code: P
Quantity Unit of Measure Description: Pounds
Waste Quantity, in Tons: 0.005
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.005
Waste Quantity, in Kilograms: 4.53515
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 4.53515
Management Method Code: H040
Management Method Description: INCINERATION
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: N

C12 **DLCS SEDALIA FIRE DEPT** **RCRA NonGen / NLR** **1001228996**
ENE **600 S HANCOCK AVE** **ECHO** **N/A**
< 1/8 **SEDALIA, MO 65301** **FINDS**
0.021 mi.
113 ft. **Site 2 of 2 in cluster C**

Relative:
Higher

Actual:
907 ft.

RCRA Listings:
Date Form Received by Agency: 20220803
Handler Name: Dlcs Sedalia Fire Dept
Handler Address: 600 S Hancock Ave
Handler City,State,Zip: SEDALIA, MO 65301-4636
EPA ID: MOR000024521
Contact Name: DON KINKHORST
Contact Address: PO BOX 176
Contact City,State,Zip: JEFFERSON CITY, MO 65102-0176
Contact Telephone: 573-526-7638
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: MANAGER
EPA Region: 07
Land Type: State
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: Not reported
Mailing Address: PO BOX 176

DLCS SEDALIA FIRE DEPT (Continued) **1001228996**

Mailing City,State,Zip: JEFFERSON CITY, MO 65102-0176
Owner Name: Modnr
Owner Type: State
Operator Name: Modnr
Operator Type: State
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
202 GPRA Corrective Action Baseline: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20231219
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D000
Waste Description: Not Defined

Waste Code: D001
Waste Description: Ignitable Waste

Waste Code: D002
Waste Description: Corrosive Waste

DLCS SEDALIA FIRE DEPT (Continued) **1001228996**

Waste Code: D003
Waste Description: Reactive Waste

Waste Code: D018
Waste Description: Benzene

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: MODNR
Legal Status: State
Date Became Current: 19981221
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 176
Owner/Operator City,State,Zip: JEFFERSON CITY, MO 65102-0176
Owner/Operator Telephone: 573-526-3315
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MODNR
Legal Status: State
Date Became Current: 19981221
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 176
Owner/Operator City,State,Zip: JEFFERSON CITY, MO 65102-0176
Owner/Operator Telephone: 573-526-3315
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MO DEPT OF NATURAL RESOURCES
Legal Status: State
Date Became Current: 19981221
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 176
Owner/Operator City,State,Zip: JEFFERSON CITY, MO 65102
Owner/Operator Telephone: 573-526-3315
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MO DEPT OF NATURAL RESOURCES
Legal Status: State
Date Became Current: 19981221
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 176
Owner/Operator City,State,Zip: JEFFERSON CITY, MO 65102
Owner/Operator Telephone: 573-526-3315
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MO DEPT OF NATURAL RESOURCES

DLCS SEDALIA FIRE DEPT (Continued) **1001228996**

Legal Status: State
Date Became Current: 19981221
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 176
Owner/Operator City,State,Zip: JEFFERSON CITY, MO 65102
Owner/Operator Telephone: 573-526-3315
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MO DEPT OF NATURAL RESOURCES
Legal Status: State
Date Became Current: 19981221
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 176
Owner/Operator City,State,Zip: JEFFERSON CITY, MO 65102
Owner/Operator Telephone: 573-526-3315
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MO DEPT OF NATURAL RESOURCES
Legal Status: State
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 176
Owner/Operator City,State,Zip: JEFFERSON CITY, MO 65102
Owner/Operator Telephone: 573-526-3315
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20220803
Handler Name: DLCS SEDALIA FIRE DEPT
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 19981221
Handler Name: DLCS SEDALIA FIRE DEPARTMENT
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No

DLCS SEDALIA FIRE DEPT (Continued) **1001228996**

Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20160815
Handler Name: DLCS SEDALIA FIRE DEPT
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20210806
Handler Name: DLCS SEDALIA FIRE DEPT
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 92216
NAICS Description: Fire Protection

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110003989523

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The Missouri Department of Natural Resources (MO-DNR) 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.

The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the

DLCS SEDALIA FIRE DEPT (Continued) **1001228996**

Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

Click here to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1001228996
Registry ID: 110003989523

DFR URL:
Name: DLCS SEDALIA FIRE DEPARTMENT
Address: 600 S HANCOCK
City,State,Zip: SEDALIA, MO 65301

A13 **HANNING WILLIAM C** **EDR Hist Auto** **1020359270**
SE **663 E BROADWAY** **N/A**
< 1/8 **SEDALIA, MO 65301**
0.040 mi.
211 ft. **Site 8 of 8 in cluster A**

Relative: **Lower**

Actual: **897 ft.**

Client Plot

EDR Hist Auto:

Year:	Name: / Type:
1975:	HANNING WILLIAM C / Petroleum Products, NEC
1976:	HANNING WILLIAM C / Petroleum Products, NEC

D14 **SEDALIA MAINTENANCE SHOP** **MO UST** **U000752854**
SSW **9TH AND INGRAM** **N/A**
< 1/8 **SEDALIA, MO 65301**
0.079 mi.
417 ft. **Site 1 of 6 in cluster D**

Relative: **Higher**

Actual: **908 ft.**

UST:
Facility ID: ST0004152
Region: KC
Easting: 480600.947
Northing: 4283875.92
Owner Of Geospatial Data: Hazardous Waste Program
Geospatial Data Collected By: CARES
Date GIS Data Collected: 04/26/2000
Lat/Long: 38.7033 / -93.2231
Lat/Long (dms): Not reported

Tanks:

Owner:
Owner ID: OW02228
Owner Name: UTILICORP UNITED INC DBA MO PUB SER
Owner Address: 10700 E 350 HWY
Owner City,St,Zip: KANSAS CITY, MO 64138
Owner County Code: 95
Owner Phone: 5255627
Mail Was Not Deliverable: No
Is Owner Active?: No
Date Registration Received: Not reported
Date Record Added: 1995-06-30 00:00:00
Date Record Edited: 1998-09-22 00:00:00

SEDALIA MAINTENANCE SHOP (Continued) **U000752854**

Name of Person Editing Record: NR$VIETS

Tank ID: 1
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: Not reported
Date Tank Installed: 01/01/1985
Tank Material: Steel
Code for Tank Material Manufacturer: Not reported
Code for Tank Installer: 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 Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: Not reported
Date Tank Permanently Closed/ Removed: Not reported
Dt Tk Exp Brought InUse/Internal Tracking: 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
Date Record Added: 06/30/1995
Date Record Edited: 07/11/2013
Person Adding/Editing Record: HESS, JEREMY
Date Of NFA Letter: 11/12/1992
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: 09/15/1992
Date Of Aprroval Letter: Not reported
Firm Closing Tank: MISSOURI PUBLIC SERVICE
Date Closure Report Received: Not reported
Registration End Date: Not reported
LockOut Flag: No
Comments: 1-2000 GAL GAS

Tank Compartment:
Tanks Use: False
Compartment No: 1
Tank Compartment PK: 10103
Tank PK: 10103
Case Number: Not reported
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 2000
Substance: Gasoline, Including Blends
Substance Other: Not reported
Hazardous Substance: Not reported
Mixture: False
Date of Last Use: 1992-11-12 00:00:00
Pipe Installation Date: Not reported
Pipe System: Not reported
Pipe Material: 1

SEDALIA MAINTENANCE SHOP (Continued) **U000752854**

Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Date: Not reported
Pipe Double Wall: 0
Spill Protection: False

Owner:
Owner ID: OW02228
Owner Name: UTILICORP UNITED INC DBA MO PUB SER
Owner Address: 10700 E 350 HWY
Owner City,St,Zip: KANSAS CITY, MO 64138
Owner County Code: 95
Owner Phone: 5255627
Mail Was Not Deliverable: No
Is Owner Active?: No
Date Registration Received: Not reported
Date Record Added: 1995-06-30 00:00:00
Date Record Edited: 1998-09-22 00:00:00
Name of Person Editing Record: NR$VIETS

Tank ID: 2
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: Not reported
Date Tank Installed: 01/01/1951
Tank Material: Steel
Code for Tank Material Manufacturer: Not reported
Code for Tank Installer: 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 Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: Not reported
Date Tank Permanently Closed/ Removed: Not reported
Dt Tk Exp Brought InUse/Internal Tracking: 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
Date Record Added: 06/30/1995
Date Record Edited: 07/11/2013
Person Adding/Editing Record: HESS, JEREMY
Date Of NFA Letter: Not reported
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: 11/21/1989
Date Of Aprroval Letter: Not reported
Firm Closing Tank: Not reported
Date Closure Report Received: Not reported
Registration End Date: Not reported

SEDALIA MAINTENANCE SHOP (Continued) **U000752854**

LockOut Flag: No
Comments: Not reported

Tank Compartment:
Tanks Use: False
Compartment No: 1
Tank Compartment PK: 10104
Tank PK: 10104
Case Number: Not reported
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 550
Substance: Used Oil
Substance Other: Not reported
Hazardous Substance: Not reported
Mixture: False
Date of Last Use: 1992-02-03 00:00:00
Pipe Installation Date: Not reported
Pipe System: Not reported
Pipe Material: 1
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Date: Not reported
Pipe Double Wall: 0
Spill Protection: False

Tank Aug 2011:
Facility Id: ST0004152
Tank Id: 1
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: No
No Buildings: No
Vapor Barrier: 0
St Louis Mo: No
Special Well Area: No
Surface Cap: No
No Excavation: No

Facility Id: ST0004152
Tank Id: 2
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: No

SEDALIA MAINTENANCE SHOP (Continued) **U000752854**

No Buildings: No
Vapor Barrier: 0
St Louis Mo: No
Special Well Area: No
Surface Cap: No
No Excavation: No

D15 **MISSOURI PUBLIC SERVICE COMMISSION** **UST FINDER RELEASE** **1029045632**
SSW **9TH AND INGRAM** **N/A**
< 1/8 **SEDALIA, MO 65301**
0.079 mi.
417 ft. **Site 2 of 6 in cluster D**

Relative:
Higher

Actual:
908 ft.

UST FINDER RELEASE:
Object ID: 12690
Facility ID: MOST5700098
Lust ID: MOR001559
Name: MISSOURI PUBLIC SERVICE COMMISSION
Address: 9TH AND INGRAM
City,State,Zip: SEDALIA, MO 65301
Address Match Type: Not reported
Reported Date: 1989/12/21 15:59:59+00
Status: No Further Action
Substance: Not reported
Population within 1500ft: 898
Domestic Wells within 1500ft: 0
Land Use: Developed, Medium Intensity
Within SPA: No
SPA PWS Facility ID: Not reported
SPA Water Type: Not reported
SPA Facility Type: Not reported
SPA HUC12: Not reported
Within WHPA: No
WHPA PWS Facility ID: Not reported
WHPA Water Type: Not reported
WHPA Facility Type: Not reported
WHPA HUC12: Not reported
Within 100yr Floodplain: No
Tribe: Not reported
EPA Region: 7
NFA Letter 1: Not reported
NFA Letter 2: Not reported
NFA Letter 3: Not reported
NFA Letter 4: Not reported
Closed With Residual Contaminate: Not reported
Coordinate Source: State
X Coord: -93.22306
Y Coord: 38.70327
Latitude: 38.70327
Longitude: -93.22306

D16 **MISSOURI PUBLIC SERVICE** **UST FINDER RELEASE** **1029046016**
SSW **INGRAM AND 9TH** **N/A**
< 1/8 **SEDALIA, MO 65301**
0.079 mi.
417 ft. **Site 3 of 6 in cluster D**

Relative: **Higher**
Actual: **908 ft.**

UST FINDER RELEASE:

Object ID:	12689
Facility ID:	MOST5800482
Lust ID:	MOR003526
Name:	MISSOURI PUBLIC SERVICE
Address:	INGRAM AND 9TH
City,State,Zip:	SEDALIA, MO 65301
Address Match Type:	Not reported
Reported Date:	1992/09/28 15:59:59+00
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	902
Domestic Wells within 1500ft:	0
Land Use:	Developed, Medium Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	No
WHPA PWS Facility ID:	Not reported
WHPA Water Type:	Not reported
WHPA Facility Type:	Not reported
WHPA HUC12:	Not reported
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	7
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	State
X Coord:	-93.22317
Y Coord:	38.7032800000001
Latitude:	38.7032799999999
Longitude:	-93.2231699999999

D17 **SEDALIA MAINTENANCE SHOP** **UST FINDER** **1028466584**
SSW **9TH AND INGRAM** **N/A**
< 1/8 **SEDALIA, MO 65301**
0.079 mi.
417 ft. **Site 4 of 6 in cluster D**

Relative: **Higher**
Actual: **908 ft.**

UST FINDER:

Object ID:	266054
Facility ID:	MOST0004152
Name:	SEDALIA MAINTENANCE SHOP
Address:	9TH AND INGRAM
City,State,Zip:	SEDALIA, MO 65301
Address Match Type:	Not reported
Open USTs:	0
Closed USTs:	2
TOS USTs:	0

SEDALIA MAINTENANCE SHOP (Continued) **1028466584**

Population 1500ft: 898
Private Wells 1500ft: 0
Within 100yr Floodplain: No
Land Use: Developed, Medium Intensity
Within SPA: No
SPA PWS Facility ID: Not reported
SPA Water Type: Not reported
SPA Facility Type: Not reported
SPA HUC12: Not reported
Within WHPA: No
WHPA PWS Facility ID: Not reported
WHPA Water Type: Not reported
WHPA Facility Type: Not reported
WHPA HUC12: Not reported
Facility Status: Closed UST(s)
Date of Last Inspection: Not reported
EPA Region: 7
Tribe: Not reported
Coordinate Source: State
X Coord: -93.2231
Y Coord: 38.7033000000001
Latitude: 38.7033
Longitude: -93.2231

UST FINDER:
Object ID: 940941
Facility ID: MOST0004152
Tank ID: MO10104
Tank Status: Closed
Installation Date: 1951/01/01 16:00:01+00
Removal Date: Not reported
Tank Capacity: 550
Substances: Used Oil
Tank Wall Type: Single

Object ID: 924767
Facility ID: MOST0004152
Tank ID: MO10103
Tank Status: Closed
Installation Date: 1985/01/01 16:00:00+00
Removal Date: Not reported
Tank Capacity: 2000
Substances: Gasoline, Including Blends
Tank Wall Type: Single

D18 **MISSOURI PUBLIC SERVICE COMMISSION** **MO UST** **U003980561**
SSW **9TH AND INGRAM** **MO LUST** **N/A**
< 1/8 **SEDALIA, MO 65301**
0.079 mi.
417 ft. **Site 5 of 6 in cluster D**

Relative:
Higher

Actual:
908 ft.

LUST:
Name: MISSOURI PUBLIC SERVICE COMMISSION
Address: 9TH AND INGRAM
City,State,Zip: SEDALIA, MO 65301
Facility ID: ST5700098
Region: KC - Kansas City Regional Office

MISSOURI PUBLIC SERVICE COMMISSION (Continued) **U003980561**

Lat/Long (dms): Not reported
Spill Number: Not reported
Release Date: 12/21/1989
Release Type: UNDERGROUND STORAGE TANK
Date Cleanup Started: 12/21/1989
Date Cleanup Finished: 01/27/1992
Expedited: No
Expedited Date: Not reported
Expenditures From The American Recovery and Reinvestment Act of 2009: No
Reopened Date: Not reported
Number Of Remediation Monitoring Wells: 0
Active: No
Date Of NFA Letter From DNR: 1992-02-03 00:00:00
Date Record Meets Archive Criteria: Not reported
Remediation ID: R001559
Rank: Not reported
Emergeny Response Date: Not reported
Emergency Cleanup Start: Not reported
Referred To DGLS for Investigation: Not reported
Contractor Performing Clean Up: Not reported
RBCA NFA: No
Project Manager: L
Next Correspondence/Update With Fac: Not reported
Date Added: 06/30/1995
Date Record Edited: 08/31/2023
Person Adding Or Editing Record: CHAPMAN, P
Facility Sent To State Archive: Yes
Date Remediation Unit Closed The File: Not reported
Site Affectd By Funding Level From PSTIF: No
General Comments: NFA date from LTS scanned doc

UST:
Facility ID: ST5700098
Region: KC
Easting: 480605.210
Northing: 4283872.01
Owner Of Geospatial Data: Hazardous Waste Program
Geospatial Data Collected By: CON_Fortin,Joel
Date GIS Data Collected: 02/26/2014
Lat/Long: 38.70289 / -93.2274
Lat/Long (dms): Not reported

Tanks:

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

MISSOURI PUBLIC SERVICE COMMISSION (Continued) **U003980561**

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
Code for Tank Material Manufacturer: Not reported
Code for Tank Installer: 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 Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: Not reported
Date Tank Permanently Closed/ Removed: Not reported
Dt Tk Exp Brought InUse/Internal Tracking: 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
Date Record Added: Not reported
Date Record Edited: Not reported
Person Adding/Editing Record: Not reported
Date Of NFA Letter: Not reported
Is Tank Used For Emergency Generator: Not reported
Date Closure Notice Received: Not reported
Date Of Aprroval Letter: Not reported
Firm Closing Tank: Not reported
Date Closure Report Received: Not reported
Registration End Date: Not reported
LockOut Flag: Not reported
Comments: Not reported

Tank Aug 2011:
Facility Id: ST5700098
Tank Id: Not reported
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: Not reported
No Buildings: Not reported
Vapor Barrier: Not reported
St Louis Mo: Not reported
Special Well Area: Not reported
Surface Cap: Not reported
No Excavation: Not reported

D19 **MISSOURI PUBLIC SERVICE** **MO UST** **U003980972**
SSW **INGRAM AND 9TH** **MO LUST** **N/A**
< 1/8 **SEDALIA, MO 65301**
0.079 mi.
417 ft. **Site 6 of 6 in cluster D**

Relative:
Higher

Actual:
908 ft.

LUST:

Name:	MISSOURI PUBLIC SERVICE
Address:	INGRAM AND 9TH
City,State,Zip:	SEDALIA, MO 65301
Facility ID:	ST5800482
Region:	KC - Kansas City Regional Office
Lat/Long (dms):	Not reported
Spill Number:	Not reported
Release Date:	09/28/1992
Release Type:	UNDERGROUND STORAGE TANK
Date Cleanup Started:	09/28/1992
Date Cleanup Finished:	11/12/1992
Expedited:	No
Expedited Date:	Not reported
Expenditures From The American Recovery and Reinvestment Act of 2009:	No
Reopened Date:	Not reported
Number Of Remediation Monitoring Wells:	0
Active:	No
Date Of NFA Letter From DNR:	**1992-11-12 00:00:00**
Date Record Meets Archive Criteria:	Not reported
Remediation ID:	R003526
Rank:	Not reported
Emergeny Response Date:	Not reported
Emergency Cleanup Start:	Not reported
Referred To DGLS for Investigation:	Not reported
Contractor Performing Clean Up:	Not reported
RBCA NFA:	No
Project Manager:	L
Next Correspondence/Update With Fac:	Not reported
Date Added:	06/30/1995
Date Record Edited:	09/05/2023
Person Adding Or Editing Record:	CHAPMAN, P
Facility Sent To State Archive:	Yes
Date Remediation Unit Closed The File:	Not reported
Site Affectd By Funding Level From PSTIF:	No
General Comments:	NFA date from LTS scanned doc

UST:

Facility ID:	ST5800482
Region:	KC
Easting:	480595.207
Northing:	4283872.81
Owner Of Geospatial Data:	Hazardous Waste Program
Geospatial Data Collected By:	CON_Fortin,Joel
Date GIS Data Collected:	02/28/2014
Lat/Long:	38.70277 / -93.22273
Lat/Long (dms):	Not reported

Tanks:

Owner:

Owner ID:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported

MISSOURI PUBLIC SERVICE (Continued) **U003980972**

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
Code for Tank Material Manufacturer: Not reported
Code for Tank Installer: 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 Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: Not reported
Date Tank Permanently Closed/ Removed: Not reported
Dt Tk Exp Brought InUse/Internal Tracking: 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
Date Record Added: Not reported
Date Record Edited: Not reported
Person Adding/Editing Record: Not reported
Date Of NFA Letter: Not reported
Is Tank Used For Emergency Generator: Not reported
Date Closure Notice Received: Not reported
Date Of Aprroval Letter: Not reported
Firm Closing Tank: Not reported
Date Closure Report Received: Not reported
Registration End Date: Not reported
LockOut Flag: Not reported
Comments: Not reported

Tank Aug 2011:
Facility Id: ST5800482
Tank Id: Not reported
Site Usage: Not reported
Risk Type: Not reported
Soil Type: Not reported
GW Flow: Not reported
Offsite Impact: Not reported

MISSOURI PUBLIC SERVICE (Continued) **U003980972**

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
Surface Cap: Not reported
No Excavation: Not reported

E20 **WOODS GROCERY** **UST FINDER** **1028476976**
ESE **703 E BROADWAY BLVD** **N/A**
< 1/8 **SEDALIA, MO 65301**
0.083 mi.
440 ft. **Site 1 of 2 in cluster E**

Relative: **Lower**
Actual: **895 ft.**

UST FINDER:
Object ID: 266072
Facility ID: MOST0021675
Name: WOODS GROCERY
Address: 703 E BROADWAY BLVD
City,State,Zip: SEDALIA, MO 65301
Address Match Type: Not reported
Open USTs: 2
Closed USTs: 0
TOS USTs: 0
Population 1500ft: 1043
Private Wells 1500ft: 0
Within 100yr Floodplain: No
Land Use: Developed, High Intensity
Within SPA: No
SPA PWS Facility ID: Not reported
SPA Water Type: Not reported
SPA Facility Type: Not reported
SPA HUC12: Not reported
Within WHPA: No
WHPA PWS Facility ID: Not reported
WHPA Water Type: Not reported
WHPA Facility Type: Not reported
WHPA HUC12: Not reported
Facility Status: Open UST(s)
Date of Last Inspection: Not reported
EPA Region: 7
Tribe: Not reported
Coordinate Source: State
X Coord: -93.218881
Y Coord: 38.7042190000001
Latitude: 38.704219
Longitude: -93.218881

UST FINDER:
Object ID: 916197
Facility ID: MOST0021675
Tank ID: MO40238
Tank Status: Open
Installation Date: 2008/07/10 15:59:59+00
Removal Date: Not reported

WOODS GROCERY (Continued) **1028476976**

Tank Capacity: 15000
Substances: Regular Gas
Tank Wall Type: Double

Object ID: 916198
Facility ID: MOST0021675
Tank ID: MO40239
Tank Status: Open
Installation Date: 2008/07/10 15:59:59+00
Removal Date: Not reported
Tank Capacity: 15000
Substances: Diesel/E85/Premium Gas/
Tank Wall Type: Double

E21 **WOODS GROCERY** **MO UST** **U004129184**
ESE **703 E BROADWAY BLVD** **N/A**
< 1/8 **SEDALIA, MO 65301**
0.083 mi.
440 ft. **Site 2 of 2 in cluster E**

Relative: **Lower**

Actual: **895 ft.**

UST:
Facility ID: ST0021675
Region: KC
Easting: 480968
Northing: 4283977
Owner Of Geospatial Data: Hazardous Waste Program
Geospatial Data Collected By: CON_Fortin,Joel
Date GIS Data Collected: 02/26/2014
Lat/Long: Not reported
Lat/Long (dms): Not reported

Tanks:

Owner:
Owner ID: OW21359
Owner Name: WOODS SUPERMARKET
Owner Address: 703 E COLLEGE
Owner City,St,Zip: BOLIVER, MO 65613
Owner County Code: Not reported
Owner Phone: 7772236
Mail Was Not Deliverable: No
Is Owner Active?: Yes
Date Registration Received: 2008-11-12 00:00:00
Date Record Added: 2008-11-14 00:00:00
Date Record Edited: 2013-01-22 00:00:00
Name of Person Editing Record: KIRCHNER, M

Tank ID: 1
Tank Double Wall: -1
Tank Type: Below Ground
Tank Status: **Curently in use**
Meet 98 Update Requirements: Not reported
Date Tank Installed: 07/10/2008
Tank Material: Clad Steel
Code for Tank Material Manufacturer: 7
Code for Tank Installer: Not reported
Other Type Of Tank Material: Not reported

WOODS GROCERY (Continued) **U004129184**

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
Dt Tk Exp Brought InUse/Internal Tracking: 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
Date Record Added: 11/14/2008
Date Record Edited: 03/10/2023
Person Adding/Editing Record: ORAVETZ, A
Date Of NFA Letter: Not reported
Is Tank Used For Emergency Generator: Not reported
Date Closure Notice Received: Not reported
Date Of Aprroval Letter: Not reported
Firm Closing Tank: Not reported
Date Closure Report Received: Not reported
Registration End Date: 09/30/2028
LockOut Flag: No
Comments: Not reported

Tank Compartment:
Tanks Use: False
Compartment No: 1
Tank Compartment PK: 40461
Tank PK: 40238
Case Number: Not reported
Compartment Status: Curently in use
Compartment Temp Verified Dt: Not reported
Capacity: 15000
Substance: R
Substance Other: Not reported
Hazardous Substance: Not reported
Mixture: False
Date of Last Use: Not reported
Pipe Installation Date: 2008-05-01 00:00:00
Pipe System: 1
Pipe Material: 8
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Date: Not reported
Pipe Double Wall: -1
Spill Protection: True

Owner:
Owner ID: OW21359
Owner Name: WOODS SUPERMARKET
Owner Address: 703 E COLLEGE
Owner City,St,Zip: BOLIVER, MO 65613

WOODS GROCERY (Continued) **U004129184**

Owner County Code: Not reported
Owner Phone: 7772236
Mail Was Not Deliverable: No
Is Owner Active?: Yes
Date Registration Received: 2008-11-12 00:00:00
Date Record Added: 2008-11-14 00:00:00
Date Record Edited: 2013-01-22 00:00:00
Name of Person Editing Record: KIRCHNER, M

Tank ID: 2
Tank Double Wall: -1
Tank Type: Below Ground
Tank Status: Curently in use
Meet 98 Update Requirements: Not reported
Date Tank Installed: 07/10/2008
Tank Material: Clad Steel
Code for Tank Material Manufacturer: 7
Code for Tank Installer: 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 Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: Not reported
Date Tank Permanently Closed/ Removed: Not reported
Dt Tk Exp Brought InUse/Internal Tracking: 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
Date Record Added: 11/14/2008
Date Record Edited: 03/10/2023
Person Adding/Editing Record: ORAVETZ, A
Date Of NFA Letter: Not reported
Is Tank Used For Emergency Generator: Not reported
Date Closure Notice Received: Not reported
Date Of Aprroval Letter: Not reported
Firm Closing Tank: Not reported
Date Closure Report Received: Not reported
Registration End Date: 09/30/2028
LockOut Flag: No
Comments: Not reported

Tank Compartment:
Tanks Use: False
Compartment No: 1
Tank Compartment PK: 40462
Tank PK: 40239
Case Number: Not reported
Compartment Status: Curently in use
Compartment Temp Verified Dt: Not reported
Capacity: 5000
Substance: Diesel

WOODS GROCERY (Continued) **U004129184**

Substance Other: Not reported
Hazardous Substance: Not reported
Mixture: False
Date of Last Use: Not reported
Pipe Installation Date: 2008-05-01 00:00:00
Pipe System: 1
Pipe Material: 8
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Date: Not reported
Pipe Double Wall: -1
Spill Protection: True

Tanks Use: False
Compartment No: 2
Tank Compartment PK: 40463
Tank PK: 40239
Case Number: Not reported
Compartment Status: Curently in use
Compartment Temp Verified Dt: Not reported
Capacity: 5000
Substance: P
Substance Other: Not reported
Hazardous Substance: Not reported
Mixture: False
Date of Last Use: Not reported
Pipe Installation Date: 2008-05-01 00:00:00
Pipe System: 1
Pipe Material: 8
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Date: Not reported
Pipe Double Wall: -1
Spill Protection: True

Tanks Use: False
Compartment No: 3
Tank Compartment PK: 40464
Tank PK: 40239
Case Number: Not reported
Compartment Status: Curently in use
Compartment Temp Verified Dt: Not reported
Capacity: 5000
Substance: G
Substance Other: Not reported
Hazardous Substance: Not reported
Mixture: False
Date of Last Use: Not reported
Pipe Installation Date: Not reported
Pipe System: 1
Pipe Material: 8
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Date: Not reported
Pipe Double Wall: -1
Spill Protection: True

WOODS GROCERY (Continued) **U004129184**

Tank Aug 2011:
Facility Id: ST0021675
Tank Id: 1
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: No
No Buildings: No
Vapor Barrier: 0
St Louis Mo: No
Special Well Area: No
Surface Cap: No
No Excavation: No

Facility Id: ST0021675
Tank Id: 2
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: No
No Buildings: No
Vapor Barrier: 0
St Louis Mo: No
Special Well Area: No
Surface Cap: No
No Excavation: No

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22 **SMITH COTTON JR HIGH SCHOOL** **E MANIFEST** **1027994296**
SW **312 E BROADWAY BLVD** **N/A**
< 1/8 **SEDALIA, MO 65301**
0.103 mi.
544 ft.

Relative:
Higher

Actual:
921 ft.

E MANIFEST:
Manifest Tracking Number: 001082675WAS
Last Updated Date: 20210511
Shipped Date: 20210421
Received Date: 20210422
Manifest Status: Signed
Submission Type: DataImage5Copy
Origin Type: Service
Generator EPA ID: Not reported
Generator Name: Smith Cotton Jr High School
Generator Location Street Number: Not reported
Generator Location Street 1: 312 E BROADWAY BLVD
Generator Location Street 2: Not reported
Generator Location City: SEDALIA

SMITH COTTON JR HIGH SCHOOL (Continued) **1027994296**

Generator Location State: MO
Generator Location Zip: 65301-5855
Generator Mail Street Number: Not reported
Generator Mail Street 1: 312 E BROADWAY BLVD
Generator Mail Street 2: Not reported
Generator Mail City: SEDALIA
Generator Mail Zip: 65301-5855
Generator Mail State: MO
Generator Contact Company Name: Not reported
Designated Facility EPA ID: MOD981505555
Designated Facility Name: Not reported
Designated Facility Mail Street Number: Not reported
Designated Facility Mail Street 1: Not reported
Designated Facility Mail Street 2: 8525 NE 38TH ST
Designated Facility Mail City: KANSAS CITY
Designated Facility Mail Zip: 64161-9427
Designated Facility Mail State: MO
Designated Facility Location Street Number: Not reported
Designated Facility Location Street 1: 8525 NE 38TH ST
Designated Facility Location Street 2: Not reported
Designated Facility Location City: KANSAS CITY
Designated Facility Location Zip: 64161-9427
Designated Facility Location State: MO
Designated Facility Contact Company Name: HERITAGE ENVIRONMENTAL SVCS LLC
Manifest Residue Indicator: N
Rejection Indicator: N

Transporter:
Manifest Tracking Number: 001082675WAS
Transporter Line Number: 1
Transporter EPA ID: IND058484114
Transporter Name: Heritage Transport Llc

Waste Line:
Manifest Tracking Number: 001082675WAS
Waste Line Number: 1
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: UN1992
U.S. DOT Description: Un1992,Flammable Liquids, Toxic, N.O.S.,3 (6.1),Pgii,(Xylene, Isopropanol),Erg#131
Non-Hazardous Waste Description: Not reported
Number of Containers: 1
Container Type Code: DF
Container Type Description: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 42
Quantity Unit of Measure Code: P
Quantity Unit of Measure Description: Pounds
Waste Quantity, in Tons: 0.021
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.021
Waste Quantity, in Kilograms: 19.04763
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 19.04763
Management Method Code: H141
Management Method Code Description: STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator: N

SMITH COTTON JR HIGH SCHOOL (Continued) **1027994296**

Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: N

Manifest Tracking Number: 001082675WAS
Waste Line Number: 2
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: UN2810
U.S. DOT Description: Un2810,Toxic, Liquids, Organic, N.O.S., 6.1,Pgii,(Carbon Tetrachloride, Monochlorobenzene),Erg#153
Non-Hazardous Waste Description: Not reported
Number of Containers: 1
Container Type Code: DF
Container Type Description: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 84
Quantity Unit of Measure Code: P
Quantity Unit of Measure Description: Pounds
Waste Quantity, in Tons: 0.042
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.042
Waste Quantity, in Kilograms: 38.09526
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 38.09526
Management Method Code: H141
Management Method Description: STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: N

Manifest Tracking Number: 001082675WAS
Waste Line Number: 3
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: UN1402
U.S. DOT Description: Un1402,Calcium Carbide,4.3,Pgii,Erg#138
Non-Hazardous Waste Description: Not reported
Number of Containers: 1

SMITH COTTON JR HIGH SCHOOL (Continued) **1027994296**

Container Type Code: DF
Container Type Description: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 3
Quantity Unit of Measure Code: P
Quantity Unit of Measure Description: Pounds
Waste Quantity, in Tons: 0.0015
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.0015
Waste Quantity, in Kilograms: 1.360545
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 1.360545
Management Method Code: H141
Management Method Description: STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: N

Manifest Tracking Number: 001082675WAS
Waste Line Number: 4
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: UN1744
U.S. DOT Description: Un1744,Bromine Solutions,8(6.1),Pgi, Poison-Inhalation Hazard Zone A,Erg#154
Non-Hazardous Waste Description: Not reported
Number of Containers: 1
Container Type Code: CF
Container Type Description: Fiber or plastic boxes, cartons, cases
Waste Quantity: 4
Quantity Unit of Measure Code: P
Quantity Unit of Measure Description: Pounds
Waste Quantity, in Tons: 0.002
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.002
Waste Quantity, in Kilograms: 1.8140601
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 1.8140601
Management Method Code: H141
Management Method Description: STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported

SMITH COTTON JR HIGH SCHOOL (Continued) **1027994296**

Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: N

Manifest Tracking Number: 001082675WAS
Waste Line Number: 5
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: UN3267
U.S. DOT Description: Un3267,Corrosive Liquid, Basic, Organic, N.O.S.,8,Pgii,(Hexanediamine, Ammonium Hydroxide),Erg#153
Non-Hazardous Waste Description: Not reported
Number of Containers: 1
Container Type Code: DF
Container Type Description: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 15
Quantity Unit of Measure Code: P
Quantity Unit of Measure Description: Pounds
Waste Quantity, in Tons: 0.0075
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.0075
Waste Quantity, in Kilograms: 6.802725
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 6.802725
Management Method Code: H141
Management Method Description: STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: N

Manifest Tracking Number: 001082675WAS
Waste Line Number: 6
U.S. DOT Hazardous Indicator: N
U.S. DOT ID Number: Not reported
U.S. DOT Description: Not reported
Non-Hazardous Waste Description: NON-DOT/NON-RCRA REGULATED
Number of Containers: 1
Container Type Code: DF
Container Type Description: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 56
Quantity Unit of Measure Code: P
Quantity Unit of Measure Description: Pounds
Waste Quantity, in Tons: 0.028
Acute Waste Quantity, in Tons: 0

SMITH COTTON JR HIGH SCHOOL (Continued) **1027994296**

Non-Acute Waste Quantity, in Tons: 0.028
Waste Quantity, in Kilograms: 25.396841
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 25.396841
Management Method Code: H141
Management Method Description: STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: N

Manifest Tracking Number: 001082675WAS
Waste Line Number: 7
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: UN1325
U.S. DOT Description: Un1325,Flammable Solids, Organic, N.O.S., 4.1,Pgii,(Charcoal),Erg#133
Non-Hazardous Waste Description: Not reported
Number of Containers: 1
Container Type Code: DF
Container Type Description: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 3
Quantity Unit of Measure Code: P
Quantity Unit of Measure Description: Pounds
Waste Quantity, in Tons: 0.0015
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.0015
Waste Quantity, in Kilograms: 1.360545
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 1.360545
Management Method Code: H141
Management Method Description: STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: N

Manifest Tracking Number: 001082675WAS

SMITH COTTON JR HIGH SCHOOL (Continued) **1027994296**

Waste Line Number: 8
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: UN3098
U.S. DOT Description: Un3098,Oxidizing Liquid, Corrosive, N.O.S.,5.1(8),Pgi,(Chromium Nitrate, Ammonium Persulfate),Erg#140
Non-Hazardous Waste Description: Not reported
Number of Containers: 1
Container Type Code: DF
Container Type Description: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 6
Quantity Unit of Measure Code: P
Quantity Unit of Measure Description: Pounds
Waste Quantity, in Tons: 0.003
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.003
Waste Quantity, in Kilograms: 2.72109
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 2.72109
Management Method Code: H141
Management Method Description: STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: N

Manifest Tracking Number: 001082675WAS
Waste Line Number: 9
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: UN2920
U.S. DOT Description: Un2920,Corrosive Liquids, Flammable, N.O.S.,8(3),Pgii,(Sulfamic Acid, Ethanol), Erg#132
Non-Hazardous Waste Description: Not reported
Number of Containers: 1
Container Type Code: DF
Container Type Description: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 18
Quantity Unit of Measure Code: P
Quantity Unit of Measure Description: Pounds
Waste Quantity, in Tons: 0.009
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.009
Waste Quantity, in Kilograms: 8.16327
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 8.16327
Management Method Code: H141
Management Method Description: STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator: N

SMITH COTTON JR HIGH SCHOOL (Continued) **1027994296**

Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: N

Manifest Tracking Number: 001082675WAS
Waste Line Number: 10
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: UN1384
U.S. DOT Description: Un1384,Sodium Hydrosulfite,4.2,Pgii, Erg#135
Non-Hazardous Waste Description: Not reported
Number of Containers: 1
Container Type Code: DF
Container Type Description: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 3
Quantity Unit of Measure Code: P
Quantity Unit of Measure Description: Pounds
Waste Quantity, in Tons: 0.0015
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.0015
Waste Quantity, in Kilograms: 1.360545
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 1.360545
Management Method Code: H141
Management Method Description: STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: N

Manifest Tracking Number: 001082675WAS
Waste Line Number: 11
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: UN2922
U.S. DOT Description: Rq,Un2922,Corrosive Liquids, Toxic, N.O.S.,8(6.1),Pgii,(Mercuric Iodide),Erg#154
Non-Hazardous Waste Description: Not reported
Number of Containers: 1

SMITH COTTON JR HIGH SCHOOL (Continued) **1027994296**

Container Type Code: DF
Container Type Description: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 3
Quantity Unit of Measure Code: P
Quantity Unit of Measure Description: Pounds
Waste Quantity, in Tons: 0.0015
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.0015
Waste Quantity, in Kilograms: 1.360545
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 1.360545
Management Method Code: H141
Management Method Description: STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: N

Manifest Tracking Number: 001082675WAS
Waste Line Number: 12
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: UN3506
U.S. DOT Description: Un3506,Mercury Contained In Manufactured Articles,8(6.1),Erg#172
Non-Hazardous Waste Description: Not reported
Number of Containers: 1
Container Type Code: DF
Container Type Description: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 6
Quantity Unit of Measure Code: P
Quantity Unit of Measure Description: Pounds
Waste Quantity, in Tons: 0.003
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.003
Waste Quantity, in Kilograms: 2.72109
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 2.72109
Management Method Code: H141
Management Method Description: STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported

SMITH COTTON JR HIGH SCHOOL (Continued) **1027994296**

Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: N

Manifest Tracking Number: 001082675WAS
Waste Line Number: 13
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: UN3264
U.S. DOT Description: Un3264,Corrosive Liquid, Acidic, Inorganic, N.O.S.,8,Pgii,(Sulfuric Acid), Erg#154
Non-Hazardous Waste Description: Not reported
Number of Containers: 1
Container Type Code: DF
Container Type Description: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 25
Quantity Unit of Measure Code: P
Quantity Unit of Measure Description: Pounds
Waste Quantity, in Tons: 0.0125
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.0125
Waste Quantity, in Kilograms: 11.337875
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 11.337875
Management Method Code: H141
Management Method Description: STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: N

23
North
1/8-1/4
0.126 mi.
667 ft.

SEDALIA DEPOT KATY TRAIL **ECHO** **1007107921**
E 3RD ST AND S THOMPSON AVE SE **RCRA NonGen / NLR** **N/A**
SEDALIA, MO 65301

Relative:
Higher

Actual:
907 ft.

RCRA Listings:
Date Form Received by Agency: 20220810
Handler Name: Sedalia Depot Katy Trail
Handler Address: E 3rd St And S Thompson Ave Se
Handler City,State,Zip: SEDALIA, MO 65301
EPA ID: MOP000023325
Contact Name: RALPH BRAY
Contact Address: 101 ADAMS ST
Contact City,State,Zip: JEFFERSON CITY, MO 65101-3058
Contact Telephone: 573-751-8363

SEDALIA DEPOT KATY TRAIL (Continued) **1007107921**

Contact Fax: Not reported
Contact Email: Not reported
Contact Title: MANAGER
EPA Region: 07
Land Type: State
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: Not reported
Mailing Address: 101 ADAMS ST
Mailing City,State,Zip: JEFFERSON CITY, MO 65101-3058
Owner Name: Mdnr
Owner Type: State
Operator Name: Mdnr
Operator Type: State
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
202 GPRA Corrective Action Baseline: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20231219
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No

SEDALIA DEPOT KATY TRAIL (Continued) **1007107921**

Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: NONE
Waste Description: Not Defined

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: MODNR
Legal Status: State
Date Became Current: 19980706
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MDNR
Legal Status: State
Date Became Current: 19980706
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MO DEPT OF NATURAL RESOURCES
Legal Status: State
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 176
Owner/Operator City,State,Zip: JEFFERSON CITY, MO 65102
Owner/Operator Telephone: 573-751-8363
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MODNR
Legal Status: State
Date Became Current: 19980706
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

SEDALIA DEPOT KATY TRAIL (Continued) **1007107921**

Owner/Operator Indicator: Operator
Owner/Operator Name: MDNR
Legal Status: State
Date Became Current: 19980706
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20190110
Handler Name: SEDALIA DEPOT KATY TRAIL
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20220810
Handler Name: SEDALIA DEPOT KATY TRAIL
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 19981208
Handler Name: SEDALIA DEPOT KATY TRAIL
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56291
NAICS Description: Remediation Services

SEDALIA DEPOT KATY TRAIL (Continued) **1007107921**

NAICS Code: 92412
NAICS Description: Administration Of Conservation Programs

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

ECHO:
Envid: 1007107921
Registry ID: 110064150154

DFR URL:
Name: SEDALIA DEPOT KATY TRAIL
Address: E 3RD ST AND S THOMPSON AVE SE
City,State,Zip: SEDALIA, MO 65301

24
NNW
1/8-1/4
0.133 mi.
702 ft.

BOYS AND GIRLS CLUB **MO VCP S132431285**
500 E. 3RD ST. **MO SMARS N/A**
SEDALIA, MO 65301

Relative: Higher

Actual: 910 ft.

VCP:
Name: BOYS AND GIRLS CLUB
Address: 500 E. 3RD ST.
City,State,Zip: SEDALIA, MO 65301
Northing: Not reported
Easting: Not reported
Facility Status: Active/Investigation
Activity Use: Not reported
Manager: Mike Washburn
Cert. of completion issued: Not reported
Application Received: 9/26/2024
State Funded: Not reported
Federal Funded: Not reported
Acreage: 8.39
Operable Unit: Boys and Girls Club
Site Description: This site, currently vacant, was a railyard from 1883 to 1972. Most of the rail structures were removed between 1972 and 1980. Numerous piles of construction and demolition debris, dumped soil, piles of treated wood, old equipment, and other scattered refuse are present. The Phase I listed possible contaminants as: petroleum products, PCBs, heavy metals, pesticides and herbicides, and PAHs. A Phase II conducted in August 2024 found PAHs and metals in the soil and groundwater. The Boys & Girls Club of West Central Missouri wishes to redevelop the site.
Contaminant: PAHs,Metals

SMARS:
Name: BOYS AND GIRLS CLUB
Address: 500 E. 3RD ST.
City,State,Zip: SEDALIA, MO 65301
SM Number: 50383

BOYS AND GIRLS CLUB (Continued) **S132431285**

CERCLIS: Not reported
Ownership: VCP
Superfund Ownership: No
Voluntary Cleanup Ownership: Yes
Federal Facilities Ownership: No
Permits Ownership: No
NPL Date: Not reported
Tank Site Identification #: Not reported
Tank Remediation #: Not reported
Registry: No
Site Code: Not reported
Other Site Code: Not reported

F25 **SEDALIA DEMOCRAT** **RCRA NonGen / NLR** **1015744463**
West **700 S MASSACHUSETTS AVE** **N/A**
1/8-1/4 **SEDALIA, MO 65301**
0.143 mi.
755 ft. **Site 1 of 2 in cluster F**

Relative: **Higher**

Actual: **917 ft.**

RCRA Listings:
Date Form Received by Agency: 20220809
Handler Name: Sedalia Democrat
Handler Address: 700 S Massachusetts Ave
Handler City,State,Zip: SEDALIA, MO 65301-4548
EPA ID: MOD985820356
Contact Name: PAUL HUNTING
Contact Address: PO BOX 848
Contact City,State,Zip: SEDALIA, MO 65302-0848
Contact Telephone: 816-826-1000 x275
Contact Fax: Not reported
Contact Email: JOHNGRIMES@SEDALIADEMOCRAT.COM
Contact Title: MANAGER
EPA Region: 07
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: Not reported
Mailing Address: PO BOX 848
Mailing City,State,Zip: SEDALIA, MO 65302-0848
Owner Name: Freedom Communications
Owner Type: Private
Operator Name: Freedom Communications
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No

SEDALIA DEMOCRAT (Continued) **1015744463**

Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
202 GPRA Corrective Action Baseline: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20231219
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D001
Waste Description: Ignitable Waste

Waste Code: D002
Waste Description: Corrosive Waste

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: FREEDOM COMMUNICATIONS
Legal Status: Private
Date Became Current: 20100615
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 61175
Owner/Operator City,State,Zip: IRVINE, CA 92602-6039
Owner/Operator Telephone: 949-253-2300
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: FREEDOM COMMUNICATIONS
Legal Status: Private
Date Became Current: 20100615
Date Ended Current: Not reported

SEDALIA DEMOCRAT (Continued) **1015744463**

Owner/Operator Address: PO BOX 61175
Owner/Operator City,State,Zip: IRVINE, CA 92602-6039
Owner/Operator Telephone: 949-253-2300
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SEDALIA DEMOCRAT
Legal Status: Private
Date Became Current: 19951001
Date Ended Current: Not reported
Owner/Operator Address: 700 S MASSACHUSETTS
Owner/Operator City,State,Zip: SEDALIA, MO 65301
Owner/Operator Telephone: 660-826-1000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: FREEDOM COMMUNICATIONS
Legal Status: Private
Date Became Current: 20100615
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 61175
Owner/Operator City,State,Zip: IRVINE, CA 92602-6039
Owner/Operator Telephone: 949-253-2300
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SEDALIA DEMOCRAT
Legal Status: Private
Date Became Current: 19951001
Date Ended Current: Not reported
Owner/Operator Address: 700 S MASSACHUSETTS
Owner/Operator City,State,Zip: SEDALIA, MO 65301
Owner/Operator Telephone: 660-826-1000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: FREEDOM COMMUNICATIONS
Legal Status: Private
Date Became Current: 20100615
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 61175
Owner/Operator City,State,Zip: IRVINE, CA 92602-6039
Owner/Operator Telephone: 949-253-2300
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: FREEDOM COMMUNICATIONS

SEDALIA DEMOCRAT (Continued) **1015744463**

Legal Status: Private
Date Became Current: 20100615
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 61175
Owner/Operator City,State,Zip: IRVINE, CA 92602-6039
Owner/Operator Telephone: 949-253-2300
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: FREEDOM COMMUNICATIONS
Legal Status: Private
Date Became Current: 20100615
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 61175
Owner/Operator City,State,Zip: IRVINE, CA 92602-6039
Owner/Operator Telephone: 949-253-2300
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

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

Owner/Operator Indicator: Operator
Owner/Operator Name: FREEDOM COMMUNICATIONS INC
Legal Status: Private
Date Became Current: 20100615
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 61175
Owner/Operator City,State,Zip: IRVINE, CA 92602-6039
Owner/Operator Telephone: 949-253-2300
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: FREEDOM COMMUNICATIONS INC
Legal Status: Private
Date Became Current: 20100615
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 61175
Owner/Operator City,State,Zip: IRVINE, CA 92602-6039
Owner/Operator Telephone: 949-253-2300
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

SEDALIA DEMOCRAT (Continued) **1015744463**

Historic Generators:

Receive Date: 20220803
Handler Name: SEDALIA DEMOCRAT
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20220809
Handler Name: SEDALIA DEMOCRAT
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 19930322
Handler Name: SEDALIA DEMOCRATE
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20010103
Handler Name: SEDALIA DEMOCRATE
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20100416
Handler Name: SEDALIA DEMOCRAT

SEDALIA DEMOCRAT (Continued) **1015744463**

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

Receive Date: 20100615
Handler Name: SEDALIA DEMOCRAT
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20120814
Handler Name: SEDALIA DEMOCRAT
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 32311
NAICS Description: Printing

Has the Facility Received Notices of Violations:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20100525
Actual Return to Compliance Date: 20110926
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20100603
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

SEDALIA DEMOCRAT (Continued) **1015744463**

Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: MOCS
Enforcement Responsible Sub-Organization: ENF
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20100525
Actual Return to Compliance Date: 20110926
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20100603
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: MOCS
Enforcement Responsible Sub-Organization: ENF
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

SEDALIA DEMOCRAT (Continued) **1015744463**

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Listing - General
Date Violation was Determined: 20100525
Actual Return to Compliance Date: 20110926
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20100603
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: MOCS
Enforcement Responsible Sub-Organization: ENF
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20100525
Actual Return to Compliance Date: 20110926
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20100603
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

SEDALIA DEMOCRAT (Continued) **1015744463**

Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: MOCS
Enforcement Responsible Sub-Organization: ENF
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20100525
Actual Return to Compliance Date: 20110926
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20100603
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: MOCS
Enforcement Responsible Sub-Organization: ENF
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

SEDALIA DEMOCRAT (Continued) **1015744463**

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20100525
Actual Return to Compliance Date: 20110926
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20100603
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: MOCS
Enforcement Responsible Sub-Organization: ENF
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20100525
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: MOCS
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20110926
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

SEDALIA DEMOCRAT (Continued) **1015744463**

Evaluation Date: 20100525
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: MOCS
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20110926
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20100525
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: MOCS
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20110926
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20100525
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: MOCS
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20110926
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20100525
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: MOCS
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20110926
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20100525
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: MOCS

SEDALIA DEMOCRAT (Continued) **1015744463**

Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20110926
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

F26 **SEDALIA DEMOCRAT** **ECHO** **1004740870**
West **700 S MASSACHUSETTES** **FINDS** **N/A**
1/8-1/4 **SEDALIA, MO 65301** **WI MANIFEST**
0.143 mi.
755 ft. **Site 2 of 2 in cluster F**

Relative:
Higher

Actual:
917 ft.

FINDS:
Registry ID: 110003974021

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Missouri Department of Natural Resources (MO-DNR) 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.
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

Click here to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1004740870
Registry ID: 110003974021

DFR URL:
Name: SEDALIA DEMOCRAT
Address: 700 S MASSACHUSETTES
City,State,Zip: SEDALIA, MO 65301

WI MANIFEST:
Name: SEDALIA DEMOCRATE
Address: 700 SOUTH MASSACHUSETTES
City,State,Zip: SEDALIA, MO 65301
Year: 2015

SEDALIA DEMOCRAT (Continued) **1004740870**

EPA ID: MOD985820356
FID: Not reported
ACT Code: 203
ACT Status: A
ACT Code 1: 203
ACT Name: HW Generator - Very Small
Contact Title: Not reported
Contact Name: Not reported
Contact Address: Not reported
Contact City/State/Zip: Not reported
Contact Telephone: Not reported
Contact EMail Address: Not reported

Shipped:
Year: 2015
Manifest Doc Id: 008239787FLE
Copy Type: TSDCOPY
Gen EPA ID: MOD985820356
Gen Date: 05/27/2015
GEN Copy Revd Date: Not reported
TSD Date: 06/02/2015
TSD EPA ID: WID990829475
TSD Copy Revd Date: 07/09/2015

Year: 2015
Manifest Doc Id: 008240381FLE
Copy Type: TSDCOPY
Gen EPA ID: MOD985820356
Gen Date: 10/29/2015
GEN Copy Revd Date: Not reported
TSD Date: 11/03/2015
TSD EPA ID: WID990829475
TSD Copy Revd Date: 12/14/2015

Year: 2015
Manifest Doc Id: 007678138FLE
Copy Type: TSDCOPY
Gen EPA ID: MOD985820356
Gen Date: 04/15/2015
GEN Copy Revd Date: Not reported
TSD Date: 04/20/2015
TSD EPA ID: WID990829475
TSD Copy Revd Date: 05/29/2015

Name: SEDALIA DEMOCRATE
Address: 700 SOUTH MASSACHUSETTES
City,State,Zip: SEDALIA, MO 65301
Year: 2012
EPA ID: MOD985820356
FID: Not reported
ACT Code: 203
ACT Status: A
ACT Code 1: 203
ACT Name: HW Generator - Very Small
Contact Title: Not reported
Contact Name: Not reported

SEDALIA DEMOCRAT (Continued) **1004740870**

Contact Address: Not reported
Contact City/State/Zip: Not reported
Contact Telephone: Not reported
Contact EMail Address: Not reported

Shipped:
Year: 2012
Manifest Doc Id: 004533790FLE
Copy Type: TSDCOPY
Gen EPA ID: MOD985820356
Gen Date: 06/27/2012
GEN Copy Revd Date: Not reported
TSD Date: 07/03/2012
TSD EPA ID: WID990829475
TSD Copy Revd Date: 07/11/2012

Year: 2012
Manifest Doc Id: 004213241FLE
Copy Type: TSDCOPY
Gen EPA ID: MOD985820356
Gen Date: 04/04/2012
GEN Copy Revd Date: Not reported
TSD Date: 04/10/2012
TSD EPA ID: WID990829475
TSD Copy Revd Date: 04/25/2012

Name: SEDALIA DEMOCRATE
Address: 700 SOUTH MASSACHUSETTES
City,State,Zip: SEDALIA, MO 65301
Year: 2011
EPA ID: MOD985820356
FID: Not reported
ACT Code: 203
ACT Status: A
ACT Code 1: 203
ACT Name: HW Generator - Very Small
Contact Title: Not reported
Contact Name: Not reported
Contact Address: Not reported
Contact City/State/Zip: Not reported
Contact Telephone: Not reported
Contact EMail Address: Not reported

Shipped:
Year: 2011
Manifest Doc Id: 004213300FLE
Copy Type: TSDCOPY
Gen EPA ID: MOD985820356
Gen Date: 05/16/2011
GEN Copy Revd Date: Not reported
TSD Date: 05/18/2011
TSD EPA ID: WID990829475
TSD Copy Revd Date: 06/09/2011

SEDALIA DEMOCRAT (Continued) **1004740870**

Name: SEDALIA DEMOCRATE
Address: 700 SOUTH MASSACHUSETTES
City,State,Zip: SEDALIA, MO 65301
Year: 2010
EPA ID: MOD985820356
FID: Not reported
ACT Code: 203
ACT Status: A
ACT Code 1: 203
ACT Name: HW Generator - Very Small
Contact Title: Not reported
Contact Name: Not reported
Contact Address: Not reported
Contact City/State/Zip: Not reported
Contact Telephone: Not reported
Contact EMail Address: Not reported

Shipped:
Year: 2010
Manifest Doc Id: 002852074FLE
Copy Type: TSDCOPY
Gen EPA ID: MOD985820356
Gen Date: 01/13/2010
GEN Copy Revd Date: Not reported
TSD Date: 01/20/2010
TSD EPA ID: WID990829475
TSD Copy Revd Date: 02/02/2010

Year: 2010
Manifest Doc Id: 000856254JJK
Copy Type: TSDCOPY
Gen EPA ID: MOD985820356
Gen Date: 01/21/2010
GEN Copy Revd Date: Not reported
TSD Date: 01/26/2010
TSD EPA ID: WID990829475
TSD Copy Revd Date: 02/08/2010

Year: 2010
Manifest Doc Id: 002853606FLE
Copy Type: TSDCOPY
Gen EPA ID: MOD985820356
Gen Date: 06/16/2010
GEN Copy Revd Date: Not reported
TSD Date: 06/17/2010
TSD EPA ID: WID990829475
TSD Copy Revd Date: 07/14/2010

Year: 2010
Manifest Doc Id: 003535578FLE
Copy Type: TSDCOPY
Gen EPA ID: MOD985820356
Gen Date: 12/16/2010
GEN Copy Revd Date: Not reported
TSD Date: 12/22/2010
TSD EPA ID: WID990829475
TSD Copy Revd Date: 01/11/2011

SEDALIA DEMOCRAT (Continued) **1004740870**

Name: SEDALIA DEMOCRATE
Address: 700 SOUTH MASSACHUSETTES
City,State,Zip: SEDALIA, MO 65301
Year: 2009
EPA ID: MOD985820356
FID: Not reported
ACT Code: 203
ACT Status: A
ACT Code 1: 203
ACT Name: HW Generator - Very Small
Contact Title: Not reported
Contact Name: Not reported
Contact Address: Not reported
Contact City/State/Zip: Not reported
Contact Telephone: Not reported
Contact EMail Address: Not reported

Shipped:
Year: 2009
Manifest Doc Id: 001509637FLE
Copy Type: TSDCOPY
Gen EPA ID: MOD985820356
Gen Date: 04/15/2009
GEN Copy Revd Date: Not reported
TSD Date: 04/17/2009
TSD EPA ID: WID990829475
TSD Copy Revd Date: 05/01/2009

Year: 2009
Manifest Doc Id: 001511397FLE
Copy Type: TSDCOPY
Gen EPA ID: MOD985820356
Gen Date: 01/14/2009
GEN Copy Revd Date: Not reported
TSD Date: 01/16/2009
TSD EPA ID: WID990829475
TSD Copy Revd Date: 02/03/2009

Year: 2009
Manifest Doc Id: 001509688FLE
Copy Type: TSDCOPY
Gen EPA ID: MOD985820356
Gen Date: 10/14/2009
GEN Copy Revd Date: Not reported
TSD Date: 10/23/2009
TSD EPA ID: WID990829475
TSD Copy Revd Date: 11/03/2009

Name: SEDALIA DEMOCRATE
Address: 700 SOUTH MASSACHUSETTES
City,State,Zip: SEDALIA, MO 65301
Year: 2008
EPA ID: MOD985820356
FID: Not reported
ACT Code: 203
ACT Status: A

SEDALIA DEMOCRAT (Continued) **1004740870**

ACT Code 1: 203
ACT Name: HW Generator - Very Small
Contact Title: Not reported
Contact Name: Not reported
Contact Address: Not reported
Contact City/State/Zip: Not reported
Contact Telephone: Not reported
Contact EMail Address: Not reported

Name: SEDALIA DEMOCRATE
Address: 700 SOUTH MASSACHUSETTES
City,State,Zip: SEDALIA, MO 65301
Year: 2007
EPA ID: MOD985820356
FID: 0
ACT Code: 203
ACT Status: A
ACT Code 1: 203
ACT Name: HW Generator - Very Small
Contact Title: Not reported
Contact Name: Not reported
Contact Address: Not reported
Contact City/State/Zip: 0
Contact Telephone: 0
Contact EMail Address: Not reported

Name: SEDALIA DEMOCRATE
Address: 700 SOUTH MASSACHUSETTES
City,State,Zip: SEDALIA, MO 65301
Year: 2006
EPA ID: MOD985820356
FID: 0
ACT Code: 203
ACT Status: A
ACT Code 1: 203
ACT Name: HW Generator - Very Small
Contact Title: Not reported
Contact Name: Not reported
Contact Address: Not reported
Contact City/State/Zip: Not reported
Contact Telephone: Not reported
Contact EMail Address: Not reported

Name: SEDALIA DEMOCRATE
Address: 700 SOUTH MASSACHUSETTES
City,State,Zip: SEDALIA, MO 65301
Year: 2005
EPA ID: MOD985820356
FID: 0
ACT Code: 203
ACT Status: A
ACT Code 1: 203
ACT Name: HW Generator - Very Small
Contact Title: Not reported

SEDALIA DEMOCRAT (Continued) **1004740870**

Contact Name: Not reported
Contact Address: Not reported
Contact City/State/Zip: 0
Contact Telephone: 0
Contact EMail Address: Not reported

Name: SEDALIA DEMOCRATE
Address: 700 SOUTH MASSACHUSETTES
City,State,Zip: SEDALIA, MO 65301
Year: 2004
EPA ID: MOD985820356
FID: 0
ACT Code: 203
ACT Status: A
ACT Code 1: 203
ACT Name: HW Generator - Very Small
Contact Title: Not reported
Contact Name: Not reported
Contact Address: Not reported
Contact City/State/Zip: Not reported
Contact Telephone: Not reported
Contact EMail Address: Not reported

Click here to access additional WI MANIFEST: detail in the EDR Site Report.

G27 **BREAK TIME #3083** **MO UST** **U000749106**
ESE **808 E BROADWAY** **N/A**
1/8-1/4 **SEDALIA, MO 65301**
0.167 mi.
884 ft. **Site 1 of 2 in cluster G**

Relative:
Lower

Actual:
893 ft.

UST:
Facility ID: ST0002295
Region: KC
Easting: 481080.964
Northing: 4283891.41
Owner Of Geospatial Data: Hazardous Waste Program
Geospatial Data Collected By: CON_Fortin,Joel
Date GIS Data Collected: 02/26/2014
Lat/Long: 38.70345 / -93.21758
Lat/Long (dms): 38 42 11 / 93 13 2

Tanks:

Owner:
Owner ID: OW10215
Owner Name: MFA PETROLEUM COMPANY
Owner Address: PO BOX 519
Owner City,St,Zip: COLUMBIA, MO 65205
Owner County Code: 19
Owner Phone: 4420171
Mail Was Not Deliverable: No
Is Owner Active?: Yes
Date Registration Received: Not reported
Date Record Added: 1995-06-30 00:00:00
Date Record Edited: 2017-10-18 00:00:00
Name of Person Editing Record: BERVE, TRISHA

BREAK TIME #3083 (Continued) **U000749106**

Tank ID: 1
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Curently in use
Meet 98 Update Requirements: Not reported
Date Tank Installed: 05/27/1987
Tank Material: Steel
Code for Tank Material Manufacturer: Not reported
Code for Tank Installer: 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: Impressed
Other Type Tank Extrn Protec: Not reported
Tank External Protec Date: 05/09/2002
Date Tank Last Used: Not reported
Date Tank Permanently Closed/ Removed: Not reported
Dt Tk Exp Brought InUse/Internal Tracking: 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
Date Record Added: 06/30/1995
Date Record Edited: 06/11/2024
Person Adding/Editing Record: CHAPMAN, P
Date Of NFA Letter: Not reported
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: Not reported
Date Of Aprroval Letter: Not reported
Firm Closing Tank: Not reported
Date Closure Report Received: Not reported
Registration End Date: 09/30/2028
LockOut Flag: No
Comments: Not reported

Tank Compartment:
Tanks Use: False
Compartment No: 1
Tank Compartment PK: 5790
Tank PK: 5790
Case Number: Not reported
Compartment Status: Curently in use
Compartment Temp Verified Dt: Not reported
Capacity: 10000
Substance: R
Substance Other: Not reported
Hazardous Substance: Not reported
Mixture: False
Date of Last Use: Not reported
Pipe Installation Date: 1997-01-02 00:00:00
Pipe System: 1
Pipe Material: 2
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Date: Not reported

BREAK TIME #3083 (Continued) **U000749106**

Pipe Double Wall: 0
Spill Protection: True

Owner:
Owner ID: OW10215
Owner Name: MFA PETROLEUM COMPANY
Owner Address: PO BOX 519
Owner City,St,Zip: COLUMBIA, MO 65205
Owner County Code: 19
Owner Phone: 4420171
Mail Was Not Deliverable: No
Is Owner Active?: Yes
Date Registration Received: Not reported
Date Record Added: 1995-06-30 00:00:00
Date Record Edited: 2017-10-18 00:00:00
Name of Person Editing Record: BERVE, TRISHA

Tank ID: 2
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Curently in use
Meet 98 Update Requirements: Not reported
Date Tank Installed: 05/27/1987
Tank Material: Steel
Code for Tank Material Manufacturer: Not reported
Code for Tank Installer: 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: Impressed
Other Type Tank Extrn Protec: Not reported
Tank External Protec Date: 05/09/2002
Date Tank Last Used: Not reported
Date Tank Permanently Closed/ Removed: Not reported
Dt Tk Exp Brought InUse/Internal Tracking: 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
Date Record Added: 06/30/1995
Date Record Edited: 06/11/2024
Person Adding/Editing Record: CHAPMAN, P
Date Of NFA Letter: Not reported
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: Not reported
Date Of Aprroval Letter: Not reported
Firm Closing Tank: Not reported
Date Closure Report Received: Not reported
Registration End Date: 09/30/2028
LockOut Flag: No
Comments: Not reported

BREAK TIME #3083 (Continued) **U000749106**

Tank Compartment:
Tanks Use: False
Compartment No: 1
Tank Compartment PK: 5791
Tank PK: 5791
Case Number: Not reported
Compartment Status: Curently in use
Compartment Temp Verified Dt: Not reported
Capacity: 10000
Substance: P
Substance Other: Not reported
Hazardous Substance: Not reported
Mixture: False
Date of Last Use: Not reported
Pipe Installation Date: 1997-01-02 00:00:00
Pipe System: 1
Pipe Material: 2
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Date: Not reported
Pipe Double Wall: 0
Spill Protection: True

Owner:
Owner ID: OW10215
Owner Name: MFA PETROLEUM COMPANY
Owner Address: PO BOX 519
Owner City,St,Zip: COLUMBIA, MO 65205
Owner County Code: 19
Owner Phone: 4420171
Mail Was Not Deliverable: No
Is Owner Active?: Yes
Date Registration Received: Not reported
Date Record Added: 1995-06-30 00:00:00
Date Record Edited: 2017-10-18 00:00:00
Name of Person Editing Record: BERVE, TRISHA

Tank ID: 3
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: Not reported
Date Tank Installed: 01/01/1981
Tank Material: Steel
Code for Tank Material Manufacturer: Not reported
Code for Tank Installer: 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 Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 01/01/1987

BREAK TIME #3083 (Continued) **U000749106**

Date Tank Permanently Closed/ Removed: Not reported
Dt Tk Exp Brought InUse/Internal Tracking: 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
Date Record Added: 02/04/1999
Date Record Edited: Not reported
Person Adding/Editing Record: NREQHW-FASTT
Date Of NFA Letter: Not reported
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: Not reported
Date Of Aprroval Letter: Not reported
Firm Closing Tank: Not reported
Date Closure Report Received: Not reported
Registration End Date: Not reported
LockOut Flag: No
Comments: Not reported

Tank Compartment:
Tanks Use: False
Compartment No: 1
Tank Compartment PK: 5792
Tank PK: 5792
Case Number: Not reported
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 12000
Substance: Gasoline, Including Blends
Substance Other: Not reported
Hazardous Substance: Not reported
Mixture: False
Date of Last Use: 1987-01-01 00:00:00
Pipe Installation Date: Not reported
Pipe System: Not reported
Pipe Material: 1
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Date: Not reported
Pipe Double Wall: 0
Spill Protection: False

Owner:
Owner ID: OW10215
Owner Name: MFA PETROLEUM COMPANY
Owner Address: PO BOX 519
Owner City,St,Zip: COLUMBIA, MO 65205
Owner County Code: 19
Owner Phone: 4420171
Mail Was Not Deliverable: No
Is Owner Active?: Yes
Date Registration Received: Not reported
Date Record Added: 1995-06-30 00:00:00
Date Record Edited: 2017-10-18 00:00:00

BREAK TIME #3083 (Continued) **U000749106**

Name of Person Editing Record: BERVE, TRISHA

Tank ID: 4
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: Not reported
Date Tank Installed: 01/01/1981
Tank Material: Steel
Code for Tank Material Manufacturer: Not reported
Code for Tank Installer: 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 Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 01/01/1987
Date Tank Permanently Closed/ Removed: Not reported
Dt Tk Exp Brought InUse/Internal Tracking: 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
Date Record Added: 02/04/1999
Date Record Edited: 02/04/1999
Person Adding/Editing Record: NREQHW-FASTT
Date Of NFA Letter: Not reported
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: Not reported
Date Of Aprroval Letter: Not reported
Firm Closing Tank: Not reported
Date Closure Report Received: Not reported
Registration End Date: Not reported
LockOut Flag: No
Comments: Not reported

Tank Compartment:
Tanks Use: False
Compartment No: 1
Tank Compartment PK: 5793
Tank PK: 5793
Case Number: Not reported
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 12000
Substance: Gasoline, Including Blends
Substance Other: Not reported
Hazardous Substance: Not reported
Mixture: False
Date of Last Use: 1987-01-01 00:00:00
Pipe Installation Date: Not reported
Pipe System: Not reported
Pipe Material: 1

BREAK TIME #3083 (Continued) **U000749106**

Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Date: Not reported
Pipe Double Wall: 0
Spill Protection: False

Owner:
Owner ID: OW10215
Owner Name: MFA PETROLEUM COMPANY
Owner Address: PO BOX 519
Owner City,St,Zip: COLUMBIA, MO 65205
Owner County Code: 19
Owner Phone: 4420171
Mail Was Not Deliverable: No
Is Owner Active?: Yes
Date Registration Received: Not reported
Date Record Added: 1995-06-30 00:00:00
Date Record Edited: 2017-10-18 00:00:00
Name of Person Editing Record: BERVE, TRISHA

Tank ID: 5
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: Not reported
Date Tank Installed: 01/01/1981
Tank Material: Steel
Code for Tank Material Manufacturer: Not reported
Code for Tank Installer: 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 Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 01/01/1987
Date Tank Permanently Closed/ Removed: Not reported
Dt Tk Exp Brought InUse/Internal Tracking: 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
Date Record Added: 02/04/1999
Date Record Edited: Not reported
Person Adding/Editing Record: NREQHW-FASTT
Date Of NFA Letter: Not reported
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: Not reported
Date Of Aprroval Letter: Not reported
Firm Closing Tank: Not reported
Date Closure Report Received: Not reported
Registration End Date: Not reported

BREAK TIME #3083 (Continued) **U000749106**

LockOut Flag: No
Comments: Not reported

Tank Compartment:
Tanks Use: False
Compartment No: 1
Tank Compartment PK: 5794
Tank PK: 5794
Case Number: Not reported
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 8000
Substance: Gasoline, Including Blends
Substance Other: Not reported
Hazardous Substance: Not reported
Mixture: False
Date of Last Use: 1987-01-01 00:00:00
Pipe Installation Date: Not reported
Pipe System: Not reported
Pipe Material: 1
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Date: Not reported
Pipe Double Wall: 0
Spill Protection: False

Tank Aug 2011:
Facility Id: ST0002295
Tank Id: 4
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: No
No Buildings: No
Vapor Barrier: 0
St Louis Mo: No
Special Well Area: No
Surface Cap: No
No Excavation: No

Facility Id: ST0002295
Tank Id: 1
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: No

BREAK TIME #3083 (Continued) **U000749106**

No Buildings: No
Vapor Barrier: 0
St Louis Mo: No
Special Well Area: No
Surface Cap: No
No Excavation: No

Facility Id: ST0002295
Tank Id: 2
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: No
No Buildings: No
Vapor Barrier: 0
St Louis Mo: No
Special Well Area: No
Surface Cap: No
No Excavation: No

Facility Id: ST0002295
Tank Id: 3
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: No
No Buildings: No
Vapor Barrier: 0
St Louis Mo: No
Special Well Area: No
Surface Cap: No
No Excavation: No

Facility Id: ST0002295
Tank Id: 5
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: No
No Buildings: No
Vapor Barrier: 0
St Louis Mo: No

BREAK TIME #3083 (Continued) **U000749106**

Special Well Area: No
Surface Cap: No
No Excavation: No

G28 **BREAK TIME #3083** **UST FINDER** **1028465028**
ESE **808 E BROADWAY** **N/A**
1/8-1/4 **SEDALIA, MO 65301**
0.167 mi.
884 ft. **Site 2 of 2 in cluster G**

Relative:
Lower

Actual:
893 ft.

UST FINDER:
Object ID: 266060
Facility ID: MOST0002295
Name: BREAK TIME #3083
Address: 808 E BROADWAY
City,State,Zip: SEDALIA, MO 65301
Address Match Type: Not reported
Open USTs: 2
Closed USTs: 3
TOS USTs: 0
Population 1500ft: 1125
Private Wells 1500ft: 0
Within 100yr Floodplain: No
Land Use: Developed, Medium Intensity
Within SPA: No
SPA PWS Facility ID: Not reported
SPA Water Type: Not reported
SPA Facility Type: Not reported
SPA HUC12: Not reported
Within WHPA: No
WHPA PWS Facility ID: Not reported
WHPA Water Type: Not reported
WHPA Facility Type: Not reported
WHPA HUC12: Not reported
Facility Status: Open UST(s)
Date of Last Inspection: Not reported
EPA Region: 7
Tribe: Not reported
Coordinate Source: State
X Coord: -93.2175799999999
Y Coord: 38.70345
Latitude: 38.70345
Longitude: -93.21758

UST FINDER:
Object ID: 927926
Facility ID: MOST0002295
Tank ID: MO5794
Tank Status: Closed
Installation Date: 1981/01/01 16:00:00+00
Removal Date: Not reported
Tank Capacity: 8000
Substances: Gasoline, Including Blends
Tank Wall Type: Single

Object ID: 927927
Facility ID: MOST0002295
Tank ID: MO5793

BREAK TIME #3083 (Continued) **1028465028**

Tank Status: Closed
Installation Date: 1981/01/01 16:00:00+00
Removal Date: Not reported
Tank Capacity: 12000
Substances: Gasoline, Including Blends
Tank Wall Type: Single

Object ID: 927928
Facility ID: MOST0002295
Tank ID: MO5792
Tank Status: Closed
Installation Date: 1981/01/01 16:00:00+00
Removal Date: Not reported
Tank Capacity: 12000
Substances: Gasoline, Including Blends
Tank Wall Type: Single

Object ID: 923012
Facility ID: MOST0002295
Tank ID: MO5790
Tank Status: Open
Installation Date: 1987/05/27 16:00:00+00
Removal Date: Not reported
Tank Capacity: 10000
Substances: Regular Gas
Tank Wall Type: Single

Object ID: 923013
Facility ID: MOST0002295
Tank ID: MO5791
Tank Status: Open
Installation Date: 1987/05/27 16:00:00+00
Removal Date: Not reported
Tank Capacity: 10000
Substances: Ethanol / E85
Tank Wall Type: Single

H29 **SEDALIA CENTRAL OFFICE (EO2809)** **UST FINDER** **1028465308**
WNW **220 E 5TH** **N/A**
1/8-1/4 **SEDALIA, MO 65301**
0.181 mi.
954 ft. **Site 1 of 2 in cluster H**

Relative: UST FINDER:
Higher
Object ID: 266127
Actual: Facility ID: MOST0002631
912 ft. Name: SEDALIA CENTRAL OFFICE (EO2809)
Address: 220 E 5TH
City,State,Zip: SEDALIA, MO 65301
Address Match Type: Not reported
Open USTs: 0
Closed USTs: 1
TOS USTs: 0
Population 1500ft: 779
Private Wells 1500ft: 0
Within 100yr Floodplain: No
Land Use: Developed, High Intensity

SEDALIA CENTRAL OFFICE (EO2809) (Continued) **1028465308**

Within SPA: No
SPA PWS Facility ID: Not reported
SPA Water Type: Not reported
SPA Facility Type: Not reported
SPA HUC12: Not reported
Within WHPA: No
WHPA PWS Facility ID: Not reported
WHPA Water Type: Not reported
WHPA Facility Type: Not reported
WHPA HUC12: Not reported
Facility Status: Closed UST(s)
Date of Last Inspection: Not reported
EPA Region: 7
Tribe: Not reported
Coordinate Source: State
X Coord: -93.226483
Y Coord: 38.706577
Latitude: 38.706577
Longitude: -93.226483

UST FINDER:
Object ID: 930895
Facility ID: MOST0002631
Tank ID: MO6469
Tank Status: Closed
Installation Date: 1977/01/01 16:00:00+00
Removal Date: Not reported
Tank Capacity: 2081
Substances: Diesel
Tank Wall Type: Single

H30 **SEDALIA CENTRAL OFFICE (EO2809)** **MO UST** **U000753323**
WNW **220 E 5TH** **N/A**
1/8-1/4 **SEDALIA, MO 65301**
0.181 mi.
954 ft. **Site 2 of 2 in cluster H**

Relative:
Higher

Actual:
912 ft.

UST:
Facility ID: ST0002631
Region: KC
Easting: 480307.656
Northing: 4284240.30
Owner Of Geospatial Data: Not reported
Geospatial Data Collected By: INT_STEINBECK,Eli
Date GIS Data Collected: 07/31/2014
Lat/Long: 38.70668 / -93.22662
Lat/Long (dms): Not reported

Tanks:

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: 5669347
Mail Was Not Deliverable: No

SEDALIA CENTRAL OFFICE (EO2809) (Continued) **U000753323**

Is Owner Active?: Yes
Date Registration Received: Not reported
Date Record Added: 1995-06-30 00:00:00
Date Record Edited: 2019-05-14 00:00:00
Name of Person Editing Record: BERVE, TRISHA

Tank ID: 1
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: Not reported
Date Tank Installed: 01/01/1977
Tank Material: Fiberglass
Code for Tank Material Manufacturer: Not reported
Code for Tank Installer: 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 Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 01/01/2001
Date Tank Permanently Closed/ Removed: 09/24/2001
Dt Tk Exp Brought InUse/Internal Tracking: 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
Date Record Added: 06/30/1995
Date Record Edited: 11/14/2003
Person Adding/Editing Record: PURVIS, K
Date Of NFA Letter: 02/05/2002
Is Tank Used For Emergency Generator: Yes
Date Closure Notice Received: 08/20/2001
Date Of Aprroval Letter: 08/23/2001
Firm Closing Tank: J-K Petroleum
Date Closure Report Received: 10/31/2001
Registration End Date: Not reported
LockOut Flag: No
Comments: Rev. CR and requested much more info. 11/8/01 KE

Tank Compartment:
Tanks Use: True
Compartment No: 1
Tank Compartment PK: 6469
Tank PK: 6469
Case Number: Not reported
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 2081
Substance: Diesel
Substance Other: Not reported
Hazardous Substance: Not reported
Mixture: False

SEDALIA CENTRAL OFFICE (EO2809) (Continued) **U000753323**

Date of Last Use: 2001-01-01 00:00:00
Pipe Installation Date: 1998-07-01 00:00:00
Pipe System: 0
Pipe Material: 2
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Date: Not reported
Pipe Double Wall: -1
Spill Protection: True

Tank Aug 2011:
Facility Id: ST0002631
Tank Id: 1
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: No
No Buildings: No
Vapor Barrier: 0
St Louis Mo: No
Special Well Area: No
Surface Cap: No
No Excavation: No

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31 **CVS** **ECHO** **1016449407**
WSW **100 EAST BROADWAY BLVD** **FINDS** **N/A**
1/8-1/4 **SEDALIA, MO 65301** **E MANIFEST**
0.228 mi. **RCRA-VSQG**
1204 ft.

Relative: **Higher**

Actual: **916 ft.**

RCRA Listings:
Date Form Received by Agency: 20200225
Handler Name: Cvs Pharmacy # 10305
Handler Address: 100 E Broadway Blvd
Handler City,State,Zip: SEDALIA, MO 65301-5819
EPA ID: MOR000548016
Contact Name: NICOLE WILKINSON
Contact Address: 1 CVS DR MC2340
Contact City,State,Zip: WOONSOCKET, RI 02895-6146
Contact Telephone: 401-770-7132
Contact Fax: Not reported
Contact Email: NICOLE.WILKINSON@CVSHEALTH.COM
Contact Title: DIRECTOR CORPORATE ENVIRONMENTAL
EPA Region: 07
Land Type: Private
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: 2019
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported

CVS (Continued) **1016449407**

State District: Not reported
Mailing Address: 1 CVS DR MC2340
Mailing City,State,Zip: WOONSOCKET, RI 02895-6146
Owner Name: Missouri Cvs Pharmacy Llc
Owner Type: Private
Operator Name: Missouri Cvs Pharmacy Llc
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
202 GPRA Corrective Action Baseline: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20200312
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Biennial: List of Years
Year: 2019

Click Here for Biennial Reporting System Data:
Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2015

CVS (Continued) **1016449407**

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code: D001
Waste Description: Ignitable Waste

Waste Code: D002
Waste Description: Corrosive Waste

Waste Code: D004
Waste Description: Arsenic

Waste Code: D005
Waste Description: Barium

Waste Code: D006
Waste Description: Cadmium

Waste Code: D007
Waste Description: Chromium

Waste Code: D008
Waste Description: Lead

Waste Code: D009
Waste Description: Mercury

Waste Code: D010
Waste Description: Selenium

Waste Code: D011
Waste Description: Silver

Waste Code: D016
Waste Description: 2,4-D (2,4-Dichlorophenoxyacetic Acid)

Waste Code: D018
Waste Description: Benzene

Waste Code: D024
Waste Description: M-Cresol

Waste Code: D027
Waste Description: 1,4-Dichlorobenzene

Waste Code: D035
Waste Description: Methyl Ethyl Ketone

Waste Code: D039
Waste Description: Tetrachloroethylene

Waste Code: P001
Waste Description: 2h-1-Benzopyran-2-One, 4-Hydroxy-3-(3-Oxo-1-Phenylbutyl)-, & Salts, When Present At Concentrations Greater Than 0.3% (Or) Warfarin, & Salts, When Present At Concentrations Greater Than 0.3%

CVS (Continued) **1016449407**

Waste Code: P012
Waste Description: Arsenic Oxide As2o3 (Or) Arsenic Trioxide

Waste Code: P042
Waste Description: 1,2-Benzenediol, 4-[1-Hydroxy-2-(Methylamino)Ethyl]-, (R)- (Or) Epinephrine

Waste Code: P075
Waste Description: Nicotine, & Salts (Or) Pyridine, 3-(1-Methyl-2-Pyrrolidinyl)-,(S)-, & Salts

Waste Code: P081
Waste Description: 1,2,3-Propanetriol, Trinitrate (R) (Or) Nitroglycerine (R)

Waste Code: P188
Waste Description: Benzoic Acid, 2-Hydroxy-, Compd. With (3as-Cis)-1,2,3,3a,8,8a-Hexahydro-1,3a,8-Trimethylpyrrolo[2,3-B]Indol-5-Yl Methylcarbamate Ester (1:1) (Or) Physostigmine Salicylate

Waste Code: U002
Waste Description: 2-Propanone (I) (Or) Acetone (I)

Waste Code: U010
Waste Description: Azirino [2',3':3,4]Pyrrolo[1,2-A]Indole-4,7-Dione, 6-Amino-8-[[(Aminocarbonyl)Oxy]Methyl]-1,1a,2,8,8a,8b-Hexahydro-8a-Methoxy-5-Methyl-, [1as-(1aalpha, 8beta, 8aalpha, 8balpha)]- (Or) Mitomycin C

Waste Code: U031
Waste Description: 1-Butanol (I) (Or) N-Butyl Alcohol (I)

Waste Code: U034
Waste Description: Acetaldehyde, Trichloro- (Or) Chloral

Waste Code: U035
Waste Description: Benzenebutanoic Acid, 4-[Bis(2-Chloroethyl)Amino]- (Or) Chlorambucil

Waste Code: U044
Waste Description: Chloroform (Or) Methane, Trichloro-

Waste Code: U058
Waste Description: 2h-1,3,2-Oxazaphosphorin-2-Amine, N,N-Bis(2-Chloroethyl)Tetrahydro-, 2-Oxide (Or) Cyclophosphamide

Waste Code: U059
Waste Description: 5,12-Naphthacenedione, 8-Acetyl-10-[(3-Amino-2,3,6-Trideoxy)-Alpha-L-Lyxo-Hexopyranosyl)Oxy]-7,8,9,10-Tetrahydro-6,8,11-Trihydroxy-1-Methoxy-, (8s-Cis)- (Or) Daunomycin

Waste Code: U070
Waste Description: Benzene, 1,2-Dichloro- (Or) O-Dichlorobenzene

Waste Code: U072
Waste Description: Benzene, 1,4-Dichloro- (Or) P-Dichlorobenzene

Waste Code: U089

CVS (Continued) **1016449407**

Waste Description: Diethylstilbesterol (Or) Phenol, 4,4'-(1,2-Diethyl-1,2-Ethenediyl)Bis, (E)-

Waste Code: U122
Waste Description: Formaldehyde

Waste Code: U129
Waste Description: Cyclohexane, 1,2,3,4,5,6-Hexachloro-, (1alpha, 2alpha, 3beta, 4alpha, 5alpha, 6beta)- (Or) Lindane

Waste Code: U132
Waste Description: Hexachlorophene (Or) Phenol, 2,2'-Methylenebis[3,4,6-Trichloro-

Waste Code: U150
Waste Description: L-Phenylalanine, 4-[Bis(2-Chloroethyl)Amino]- (Or) Melphalan

Waste Code: U151
Waste Description: Mercury

Waste Code: U154
Waste Description: Methanol (I) (Or) Methyl Alcohol (I)

Waste Code: U165
Waste Description: Naphthalene

Waste Code: U188
Waste Description: Phenol

Waste Code: U200
Waste Description: Reserpine (Or) Yohimban-16-Carboxylic Acid, 11,17-Dimethoxy-18-[(3,4,5-Trimethoxybenzoyl)Oxy]-, Methyl Ester, (3beta, 16beta, 17alpha, 18beta, 20alpha)-

Waste Code: U201
Waste Description: 1,3-Benzenediol (Or) Resorcinol

Waste Code: U204
Waste Description: Selenious Acid (Or) Selenium Dioxide

Waste Code: U205
Waste Description: Selenium Sulfide (Or) Selenium Sulfide Ses2 (R,T)

Waste Code: U206
Waste Description: D-Glucose, 2-Deoxy-2-[[(Methylnitrosoamino)-Carbonyl]Amino]- (Or) Glucopyranose, 2-Deoxy-2-(3-Methyl-3-Nitrosoureido)-,D- (Or) Streptozotocin

Waste Code: U210
Waste Description: Ethene, Tetrachloro- (Or) Tetrachloroethylene

Waste Code: U279
Waste Description: U279

Waste Code: U411
Waste Description: U411

CVS (Continued) **1016449407**

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: MISSOURI CVS PHARMACY, L.L.C.
Legal Status: Private
Date Became Current: 20130928
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MISSOURI CVS PHARMACY LLC
Legal Status: Private
Date Became Current: 20130928
Date Ended Current: Not reported
Owner/Operator Address: 1 CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895-6146
Owner/Operator Telephone: 401-765-1500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MISSOURI CVS PHARMACY LLC
Legal Status: Private
Date Became Current: 20130928
Date Ended Current: Not reported
Owner/Operator Address: 1 CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895-6146
Owner/Operator Telephone: 401-765-1500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MISSOURI CVS PHARMACY LLC
Legal Status: Private
Date Became Current: 20130928
Date Ended Current: Not reported
Owner/Operator Address: 1 CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895-6146
Owner/Operator Telephone: 401-765-1500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MISSOURI CVS PHARMACY LLC
Legal Status: Private
Date Became Current: 20130928
Date Ended Current: Not reported
Owner/Operator Address: 1 CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895-6146
Owner/Operator Telephone: 401-765-1500

CVS (Continued) **1016449407**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MISSOURI CVS PHARMACY LLC
Legal Status: Private
Date Became Current: 20130928
Date Ended Current: Not reported
Owner/Operator Address: 1 CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895-6146
Owner/Operator Telephone: 401-765-1500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MISSOURI CVS PHARMACY LLC
Legal Status: Private
Date Became Current: 20130928
Date Ended Current: Not reported
Owner/Operator Address: 1 CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895-6146
Owner/Operator Telephone: 401-765-1500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MISSOURI CVS PHARMACY LLC
Legal Status: Private
Date Became Current: 20130928
Date Ended Current: Not reported
Owner/Operator Address: 1 CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895-6146
Owner/Operator Telephone: 401-765-1500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MISSOURI CVS PHARMACY LLC
Legal Status: Private
Date Became Current: 20130928
Date Ended Current: Not reported
Owner/Operator Address: 1 CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895-6146
Owner/Operator Telephone: 401-765-1500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MISSOURI CVS PHARMACY LLC
Legal Status: Private
Date Became Current: 20130928
Date Ended Current: Not reported

CVS (Continued) **1016449407**

Owner/Operator Address: 1 CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895-6146
Owner/Operator Telephone: 401-765-1500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MISSOURI CVS PHARMACY LLC
Legal Status: Private
Date Became Current: 20130928
Date Ended Current: Not reported
Owner/Operator Address: 1 CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895-6146
Owner/Operator Telephone: 401-765-1500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MISSOURI CVS PHARMACY LLC
Legal Status: Private
Date Became Current: 20130928
Date Ended Current: Not reported
Owner/Operator Address: 1 CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895-6146
Owner/Operator Telephone: 401-765-1500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MISSOURI CVS PHARMACY, L.L.C.
Legal Status: Private
Date Became Current: 20130928
Date Ended Current: Not reported
Owner/Operator Address: 1 CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MISSOURI CVS PHARMACY LLC
Legal Status: Private
Date Became Current: 20130928
Date Ended Current: Not reported
Owner/Operator Address: 1 CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895-6146
Owner/Operator Telephone: 401-765-1500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MISSOURI CVS PHARMACY LLC

CVS (Continued) **1016449407**

Legal Status: Private
Date Became Current: 20130928
Date Ended Current: Not reported
Owner/Operator Address: 1 CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895-6146
Owner/Operator Telephone: 401-765-1500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MISSOURI CVS PHARMACY LLC
Legal Status: Private
Date Became Current: 20130928
Date Ended Current: Not reported
Owner/Operator Address: 1 CVS DR
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895-6146
Owner/Operator Telephone: 401-765-1500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20160309
Handler Name: CVS PHARMACY #10305
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20180316
Handler Name: CVS PHARMACY # 10305
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20200225
Handler Name: CVS PHARMACY # 10305
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No

CVS (Continued) **1016449407**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20171214
Handler Name: CVS PHARMACY # 10305
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20131104
Handler Name: CVS PHARMACY #10305
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150406
Handler Name: CVS PHARMACY #10305
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20160323
Handler Name: CVS PHARMACY #10305
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported

CVS (Continued) **1016449407**

Electronic Manifest Broker: Not reported

Receive Date: 20181231
Handler Name: CVS PHARMACY # 10305
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 44611
NAICS Description: Pharmacies And Drug Stores

Has the Facility Received Notices of Violations:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20180917
Actual Return to Compliance Date: 20180918
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported

CVS (Continued) **1016449407**

Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20180917
Actual Return to Compliance Date: 20180918
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20180917
Actual Return to Compliance Date: 20180918
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported

CVS (Continued) **1016449407**

Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20180917
Actual Return to Compliance Date: 20180918
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported

CVS (Continued) **1016449407**

Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20180917
Actual Return to Compliance Date: 20180918
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20180917
Actual Return to Compliance Date: 20180918
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported

CVS (Continued) **1016449407**

Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20180917
Actual Return to Compliance Date: 20180918
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported

CVS (Continued) **1016449407**

Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20180917
Actual Return to Compliance Date: 20180918
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20180917
Actual Return to Compliance Date: 20180918
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported

CVS (Continued) **1016449407**

Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20180917
Actual Return to Compliance Date: 20180918
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported

CVS (Continued) **1016449407**

Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20180917
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: MOCS
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20180918
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20180917
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: MOCS
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20180918
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20180917
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: MOCS
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20180918
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20180917
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: MOCS
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20180918
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20180917

CVS (Continued) **1016449407**

Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: MOCS
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20180918
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20180917
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: MOCS
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20180918
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20180917
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: MOCS
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20180918
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20180917
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: MOCS
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20180918
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20180917
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: MOCS
Evaluation Responsible Sub-Organization: Not reported

CVS (Continued) **1016449407**

Actual Return to Compliance Date: 20180918
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20180917
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: MOCS
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20180918
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

FINDS:
Registry ID: 110056321528

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
All generators and treatment, storage, and disposal (TSD) facilities who handle hazardous waste are required to report to the EPA Administrator at least once every two years. The data collected is used to create the National Biennial Resource Conservation and Recovery Act (RCRA) Hazardous Waste Report. This data is processed within the RCRA Information (RCRAInfo) database
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

Click here to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1016449407
Registry ID: 110056321528

DFR URL:
Name: CVS PHARMACY # 10305
Address: 100 E BROADWAY BLVD
City,State,Zip: SEDALIA, MO 65301

E MANIFEST:
Manifest Tracking Number: 012921261FLE
Last Updated Date: 20190213
Shipped Date: 20181217
Received Date: 20190122
Manifest Status: Signed

CVS (Continued) **1016449407**

Submission Type: DataImage5Copy
Origin Type: Service
Generator EPA ID: MOR000548016
Generator Name: Cvs
Generator Location Street Number: Not reported
Generator Location Street 1: 100 EAST BROADWAY BLVD
Generator Location Street 2: Not reported
Generator Location City: SEDALIA
Generator Location State: MO
Generator Location Zip: 65301
Generator Mail Street Number: Not reported
Generator Mail Street 1: 100 East Broadway Blvd
Generator Mail Street 2: Not reported
Generator Mail City: Sedalia
Generator Mail Zip: 65301
Generator Mail State: MO
Generator Contact Company Name: Not reported
Designated Facility EPA ID: INR000110197
Designated Facility Name: Stericycle Incorporated
Designated Facility Mail Street Number: Not reported
Designated Facility Mail Street 1: Not reported
Designated Facility Mail Street 2: 2670 Executive Drive Suite A
Designated Facility Mail City: Indianapolis
Designated Facility Mail Zip: 46241
Designated Facility Mail State: IN
Designated Facility Location Street Number: Not reported
Designated Facility Location Street 1: 2670 Executive Drive Suite A
Designated Facility Location Street 2: Not reported
Designated Facility Location City: Indianapolis
Designated Facility Location Zip: 46241
Designated Facility Location State: IN
Designated Facility Contact Company Name: Not reported
Manifest Residue Indicator: N
Rejection Indicator: N

Manifest Tracking Number: 012921262FLE
Last Updated Date: 20190311
Shipped Date: 20181217
Received Date: 20190117
Manifest Status: Signed
Submission Type: DataImage5Copy
Origin Type: Service
Generator EPA ID: MOR000548016
Generator Name: Cvs
Generator Location Street Number: Not reported
Generator Location Street 1: 100 EAST BROADWAY BLVD
Generator Location Street 2: Not reported
Generator Location City: SEDALIA
Generator Location State: MO
Generator Location Zip: 65301
Generator Mail Street Number: Not reported
Generator Mail Street 1: 100 East Broadway Blvd
Generator Mail Street 2: Not reported
Generator Mail City: Sedalia
Generator Mail Zip: 65301
Generator Mail State: MO
Generator Contact Company Name: Not reported

CVS (Continued) **1016449407**

Designated Facility EPA ID: MOD000610766
Designated Facility Name: Solvent Recovery, Llc
Designated Facility Mail Street Number: Not reported
Designated Facility Mail Street 1: Not reported
Designated Facility Mail Street 2: 716 Mulberry Street
Designated Facility Mail City: Kansas City
Designated Facility Mail Zip: 64101
Designated Facility Mail State: MO
Designated Facility Location Street Number: Not reported
Designated Facility Location Street 1: 716 Mulberry Street
Designated Facility Location Street 2: Not reported
Designated Facility Location City: Kansas City
Designated Facility Location Zip: 64101
Designated Facility Location State: MO
Designated Facility Contact Company Name: Not reported
Manifest Residue Indicator: N
Rejection Indicator: N

Manifest Tracking Number: 013940470FLE
Last Updated Date: 20200203
Shipped Date: 20191113
Received Date: 20191118
Manifest Status: Signed
Submission Type: DataImage5Copy
Origin Type: Service
Generator EPA ID: MOR000548016
Generator Name: Cvs
Generator Location Street Number: Not reported
Generator Location Street 1: 100 EAST BROADWAY BLVD
Generator Location Street 2: Not reported
Generator Location City: SEDALIA
Generator Location State: MO
Generator Location Zip: 65301-5819
Generator Mail Street Number: Not reported
Generator Mail Street 1: 100 E Broadway Blvd
Generator Mail Street 2: Not reported
Generator Mail City: Sedalia
Generator Mail Zip: 65301-5819
Generator Mail State: MO
Generator Contact Company Name: Not reported
Designated Facility EPA ID: MOD000610766
Designated Facility Name: Solvent Recovery, Llc
Designated Facility Mail Street Number: Not reported
Designated Facility Mail Street 1: Not reported
Designated Facility Mail Street 2: 716 Mulberry Street
Designated Facility Mail City: Kansas City
Designated Facility Mail Zip: 64101
Designated Facility Mail State: MO
Designated Facility Location Street Number: Not reported
Designated Facility Location Street 1: 716 Mulberry Street
Designated Facility Location Street 2: Not reported
Designated Facility Location City: Kansas City
Designated Facility Location Zip: 64101
Designated Facility Location State: MO
Designated Facility Contact Company Name: Not reported
Manifest Residue Indicator: N
Rejection Indicator: N

CVS (Continued) **1016449407**

Manifest Tracking Number: 012918460FLE
Last Updated Date: 20190419
Shipped Date: 20190311
Received Date: 20190326
Manifest Status: Signed
Submission Type: DataImage5Copy
Origin Type: Service
Generator EPA ID: MOR000548016
Generator Name: Cvs
Generator Location Street Number: Not reported
Generator Location Street 1: 100 EAST BROADWAY BLVD
Generator Location Street 2: Not reported
Generator Location City: SEDALIA
Generator Location State: MO
Generator Location Zip: 65301
Generator Mail Street Number: Not reported
Generator Mail Street 1: 100 East Broadway Blvd
Generator Mail Street 2: Not reported
Generator Mail City: Sedalia
Generator Mail Zip: 65301
Generator Mail State: MO
Generator Contact Company Name: Not reported
Designated Facility EPA ID: INR000110197
Designated Facility Name: Stericycle Incorporated
Designated Facility Mail Street Number: Not reported
Designated Facility Mail Street 1: Not reported
Designated Facility Mail Street 2: 2670 Executive Drive Suite A
Designated Facility Mail City: Indianapolis
Designated Facility Mail Zip: 46241
Designated Facility Mail State: IN
Designated Facility Location Street Number: Not reported
Designated Facility Location Street 1: 2670 Executive Drive Suite A
Designated Facility Location Street 2: Not reported
Designated Facility Location City: Indianapolis
Designated Facility Location Zip: 46241
Designated Facility Location State: IN
Designated Facility Contact Company Name: Not reported
Manifest Residue Indicator: N
Rejection Indicator: N

Manifest Tracking Number: 012918461FLE
Last Updated Date: 20190425
Shipped Date: 20190311
Received Date: 20190318
Manifest Status: Signed
Submission Type: DataImage5Copy
Origin Type: Service
Generator EPA ID: MOR000548016
Generator Name: Cvs
Generator Location Street Number: Not reported
Generator Location Street 1: 100 EAST BROADWAY BLVD
Generator Location Street 2: Not reported
Generator Location City: SEDALIA
Generator Location State: MO
Generator Location Zip: 65301
Generator Mail Street Number: Not reported
Generator Mail Street 1: 100 East Broadway Blvd

CVS (Continued) **1016449407**

Generator Mail Street 2: Not reported
Generator Mail City: Sedalia
Generator Mail Zip: 65301
Generator Mail State: MO
Generator Contact Company Name: Not reported
Designated Facility EPA ID: MOD000610766
Designated Facility Name: Solvent Recovery, Llc
Designated Facility Mail Street Number: Not reported
Designated Facility Mail Street 1: Not reported
Designated Facility Mail Street 2: 716 Mulberry Street
Designated Facility Mail City: Kansas City
Designated Facility Mail Zip: 64101
Designated Facility Mail State: MO
Designated Facility Location Street Number: Not reported
Designated Facility Location Street 1: 716 Mulberry Street
Designated Facility Location Street 2: Not reported
Designated Facility Location City: Kansas City
Designated Facility Location Zip: 64101
Designated Facility Location State: MO
Designated Facility Contact Company Name: Not reported
Manifest Residue Indicator: N
Rejection Indicator: N

Manifest Tracking Number: 013181285FLE
Last Updated Date: 20190628
Shipped Date: 20190528
Received Date: 20190603
Manifest Status: Signed
Submission Type: DataImage5Copy
Origin Type: Service
Generator EPA ID: MOR000548016
Generator Name: Cvs
Generator Location Street Number: Not reported
Generator Location Street 1: 100 EAST BROADWAY BLVD
Generator Location Street 2: Not reported
Generator Location City: SEDALIA
Generator Location State: MO
Generator Location Zip: 65301
Generator Mail Street Number: Not reported
Generator Mail Street 1: 100 East Broadway Blvd
Generator Mail Street 2: Not reported
Generator Mail City: Sedalia
Generator Mail Zip: 65301
Generator Mail State: MO
Generator Contact Company Name: Not reported
Designated Facility EPA ID: MOD000610766
Designated Facility Name: Solvent Recovery, Llc
Designated Facility Mail Street Number: Not reported
Designated Facility Mail Street 1: Not reported
Designated Facility Mail Street 2: 716 Mulberry Street
Designated Facility Mail City: Kansas City
Designated Facility Mail Zip: 64101
Designated Facility Mail State: MO
Designated Facility Location Street Number: Not reported
Designated Facility Location Street 1: 716 Mulberry Street
Designated Facility Location Street 2: Not reported
Designated Facility Location City: Kansas City

CVS (Continued) **1016449407**

Designated Facility Location Zip: 64101
Designated Facility Location State: MO
Designated Facility Contact Company Name: Not reported
Manifest Residue Indicator: N
Rejection Indicator: N

Manifest Tracking Number: 013181333FLE
Last Updated Date: 20190911
Shipped Date: 20190821
Received Date: 20190906
Manifest Status: Signed
Submission Type: DataImage5Copy
Origin Type: Service
Generator EPA ID: MOR000548016
Generator Name: Cvs
Generator Location Street Number: Not reported
Generator Location Street 1: 100 EAST BROADWAY BLVD
Generator Location Street 2: Not reported
Generator Location City: SEDALIA
Generator Location State: MO
Generator Location Zip: 65301-5819
Generator Mail Street Number: Not reported
Generator Mail Street 1: 100 E Broadway Blvd
Generator Mail Street 2: Not reported
Generator Mail City: Sedalia
Generator Mail Zip: 65301-5819
Generator Mail State: MO
Generator Contact Company Name: Not reported
Designated Facility EPA ID: INR000110197
Designated Facility Name: Stericycle Environmental Solutions, Inc. Indianapolis
Designated Facility Mail Street Number: Not reported
Designated Facility Mail Street 1: Not reported
Designated Facility Mail Street 2: 2770 Fortune Circle East
Designated Facility Mail City: Indianapolis
Designated Facility Mail Zip: 46241
Designated Facility Mail State: IN
Designated Facility Location Street Number: Not reported
Designated Facility Location Street 1: 2770 Fortune Circle East
Designated Facility Location Street 2: Not reported
Designated Facility Location City: Indianapolis
Designated Facility Location Zip: 46241
Designated Facility Location State: IN
Designated Facility Contact Company Name: Not reported
Manifest Residue Indicator: N
Rejection Indicator: N

Manifest Tracking Number: 013181334FLE
Last Updated Date: 20190923
Shipped Date: 20190821
Received Date: 20190829
Manifest Status: Signed
Submission Type: DataImage5Copy
Origin Type: Service
Generator EPA ID: MOR000548016
Generator Name: Cvs
Generator Location Street Number: Not reported
Generator Location Street 1: 100 EAST BROADWAY BLVD

CVS (Continued) **1016449407**

Generator Location Street 2: Not reported
Generator Location City: SEDALIA
Generator Location State: MO
Generator Location Zip: 65301-5819
Generator Mail Street Number: Not reported
Generator Mail Street 1: 100 E Broadway Blvd
Generator Mail Street 2: Not reported
Generator Mail City: Sedalia
Generator Mail Zip: 65301-5819
Generator Mail State: MO
Generator Contact Company Name: Not reported
Designated Facility EPA ID: MOD000610766
Designated Facility Name: Solvent Recovery, Llc
Designated Facility Mail Street Number: Not reported
Designated Facility Mail Street 1: Not reported
Designated Facility Mail Street 2: 716 Mulberry Street
Designated Facility Mail City: Kansas City
Designated Facility Mail Zip: 64101
Designated Facility Mail State: MO
Designated Facility Location Street Number: Not reported
Designated Facility Location Street 1: 716 Mulberry Street
Designated Facility Location Street 2: Not reported
Designated Facility Location City: Kansas City
Designated Facility Location Zip: 64101
Designated Facility Location State: MO
Designated Facility Contact Company Name: Not reported
Manifest Residue Indicator: N
Rejection Indicator: N

Manifest Tracking Number: 200800882CLE
Last Updated Date: 20240726
Shipped Date: 20240514
Received Date: 20240522
Manifest Status: Signed
Submission Type: DataImage5Copy
Origin Type: Service
Generator EPA ID: MOR000548016
Generator Name: Cvs
Generator Location Street Number: Not reported
Generator Location Street 1: 100 EAST BROADWAY BLVD
Generator Location Street 2: Not reported
Generator Location City: SEDALIA
Generator Location State: MO
Generator Location Zip: 65301
Generator Mail Street Number: Not reported
Generator Mail Street 1: 100 EAST BROADWAY BLVD
Generator Mail Street 2: Not reported
Generator Mail City: SEDALIA
Generator Mail Zip: 65301
Generator Mail State: MT
Generator Contact Company Name: Not reported
Designated Facility EPA ID: MOD000610766
Designated Facility Name: Solvent Recovery Corporation
Designated Facility Mail Street Number: 700
Designated Facility Mail Street 1: Not reported
Designated Facility Mail Street 2: MULBERRY STREET
Designated Facility Mail City: KANSAS CITY

CVS (Continued) **1016449407**

Designated Facility Mail Zip: 64101
Designated Facility Mail State: MO
Designated Facility Location Street Number: 716
Designated Facility Location Street 1: 700 MULBERRY STREET
Designated Facility Location Street 2: Not reported
Designated Facility Location City: KANSAS CITY
Designated Facility Location Zip: 64101
Designated Facility Location State: MO
Designated Facility Contact Company Name: Not reported
Manifest Residue Indicator: N
Rejection Indicator: N

Manifest Tracking Number: 012224452FLE
Last Updated Date: 20181108
Shipped Date: 20180919
Received Date: 20181001
Manifest Status: Signed
Submission Type: DataImage5Copy
Origin Type: Service
Generator EPA ID: MOR000548016
Generator Name: Cvs
Generator Location Street Number: Not reported
Generator Location Street 1: 100 EAST BROADWAY BLVD
Generator Location Street 2: Not reported
Generator Location City: SEDALIA
Generator Location State: MO
Generator Location Zip: 65301
Generator Mail Street Number: Not reported
Generator Mail Street 1: 1 CVS Drive
Generator Mail Street 2: Not reported
Generator Mail City: Woonsocket
Generator Mail Zip: 02895
Generator Mail State: RI
Generator Contact Company Name: Not reported
Designated Facility EPA ID: INR000110197
Designated Facility Name: Stericycle Incorporated
Designated Facility Mail Street Number: Not reported
Designated Facility Mail Street 1: Not reported
Designated Facility Mail Street 2: 2670 Executive Drive Suite A
Designated Facility Mail City: Indianapolis
Designated Facility Mail Zip: 46241
Designated Facility Mail State: IN
Designated Facility Location Street Number: Not reported
Designated Facility Location Street 1: 2670 Executive Drive Suite A
Designated Facility Location Street 2: Not reported
Designated Facility Location City: Indianapolis
Designated Facility Location Zip: 46241
Designated Facility Location State: IN
Designated Facility Contact Company Name: Not reported
Manifest Residue Indicator: N
Rejection Indicator: N

Manifest Tracking Number: 012224453FLE
Last Updated Date: 20181001
Shipped Date: 20180919
Received Date: 20180924
Manifest Status: Signed

CVS (Continued) **1016449407**

Submission Type: DataImage5Copy
Origin Type: Service
Generator EPA ID: MOR000548016
Generator Name: Cvs
Generator Location Street Number: Not reported
Generator Location Street 1: 100 EAST BROADWAY BLVD
Generator Location Street 2: Not reported
Generator Location City: SEDALIA
Generator Location State: MO
Generator Location Zip: 65301
Generator Mail Street Number: Not reported
Generator Mail Street 1: 1 CVS Drive
Generator Mail Street 2: Not reported
Generator Mail City: Woonsocket
Generator Mail Zip: 02895
Generator Mail State: RI
Generator Contact Company Name: Not reported
Designated Facility EPA ID: MOD000610766
Designated Facility Name: Solvent Recovery, Llc
Designated Facility Mail Street Number: Not reported
Designated Facility Mail Street 1: Not reported
Designated Facility Mail Street 2: 716 Mulberry Street
Designated Facility Mail City: Kansas City
Designated Facility Mail Zip: 64101
Designated Facility Mail State: MO
Designated Facility Location Street Number: Not reported
Designated Facility Location Street 1: 716 Mulberry Street
Designated Facility Location Street 2: Not reported
Designated Facility Location City: Kansas City
Designated Facility Location Zip: 64101
Designated Facility Location State: MO
Designated Facility Contact Company Name: Not reported
Manifest Residue Indicator: N
Rejection Indicator: N

Federal Waste:
Manifest Tracking Number: 012224453FLE
Waste Line Number: 1
Federal Waste Code: D001
Federal Waste: IGNITABLE WASTE

Manifest Tracking Number: 012224453FLE
Waste Line Number: 2
Federal Waste Code: D001
Federal Waste: IGNITABLE WASTE

Manifest Tracking Number: 012224453FLE
Waste Line Number: 2
Federal Waste Code: D018
Federal Waste: BENZENE

Manifest Tracking Number: 012224453FLE
Waste Line Number: 2
Federal Waste Code: D035
Federal Waste: METHYL ETHYL KETONE

Manifest Tracking Number: 012224453FLE

CVS (Continued) **1016449407**

Waste Line Number: 2
Federal Waste Code: U002
Federal Waste: 2-PROPANONE (I) (OR) ACETONE (I)

Manifest Tracking Number: 012224453FLE
Waste Line Number: 2
Federal Waste Code: U031
Federal Waste: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

Manifest Tracking Number: 012224453FLE
Waste Line Number: 2
Federal Waste Code: U154
Federal Waste: METHANOL (I) (OR) METHYL ALCOHOL (I)

Manifest Tracking Number: 012224453FLE
Waste Line Number: 4
Federal Waste Code: D005
Federal Waste: BARIUM

Manifest Tracking Number: 012224453FLE
Waste Line Number: 4
Federal Waste Code: D007
Federal Waste: CHROMIUM

Manifest Tracking Number: 012224453FLE
Waste Line Number: 4
Federal Waste Code: D010
Federal Waste: SELENIUM

Manifest Tracking Number: 012224453FLE
Waste Line Number: 4
Federal Waste Code: D011
Federal Waste: SILVER

Manifest Tracking Number: 012224453FLE
Waste Line Number: 4
Federal Waste Code: U010
Federal Waste: AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C

Manifest Tracking Number: 012224453FLE
Waste Line Number: 4
Federal Waste Code: U035
Federal Waste: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

Transporter:
Manifest Tracking Number: 012224453FLE
Transporter Line Number: 1
Transporter EPA ID: MNS000110924
Transporter Name: Stericycle Specialty Waste Solutions Inc

Waste Line:
Manifest Tracking Number: 012224453FLE
Waste Line Number: 1

CVS (Continued) **1016449407**

U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: UN1950
U.S. DOT Description: Un1950, Waste Aerosols 2.1, Erg#126
Non-Hazardous Waste Description: Not reported
Number of Containers: 1
Container Type Code: BA
Container Type Description: Burlap, cloth, paper, or plastic bags
Waste Quantity: 5
Quantity Unit of Measure Code: P
Quantity Unit of Measure Description: Pounds
Waste Quantity, in Tons: 0.0025
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.0025
Waste Quantity, in Kilograms: 2.267575
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 2.267575
Management Method Code: H141
Management Method Description: STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: Y

Manifest Tracking Number: 012224453FLE
Waste Line Number: 2
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: UN1993
U.S. DOT Description: Un1993, Waste Flammable Liquids, N.O.S. (Alcohols, Acetone), 3, Pg Ii, Erg#128
Non-Hazardous Waste Description: Not reported
Number of Containers: 1
Container Type Code: BA
Container Type Description: Burlap, cloth, paper, or plastic bags
Waste Quantity: 1
Quantity Unit of Measure Code: P
Quantity Unit of Measure Description: Pounds
Waste Quantity, in Tons: 0.0005
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.0005
Waste Quantity, in Kilograms: 0.45351502
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 0.45351502
Management Method Code: H141
Management Method Description: STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N

CVS (Continued) **1016449407**

Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: Y

Manifest Tracking Number: 012224453FLE
Waste Line Number: 3
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: UN3249
U.S. DOT Description: Un3249, Waste Residue Last Contained, Medicine, Solid, Toxic, N.O.S. (Warfarin), 6.1, Pg Ii, Erg#151
Non-Hazardous Waste Description: Not reported
Number of Containers: 1
Container Type Code: BA
Container Type Description: Burlap, cloth, paper, or plastic bags
Waste Quantity: 1
Quantity Unit of Measure Code: P
Quantity Unit of Measure Description: Pounds
Waste Quantity, in Tons: 0.0005
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.0005
Waste Quantity, in Kilograms: 0.45351502
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 0.45351502
Management Method Code: H141
Management Method Description: STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: N

Manifest Tracking Number: 012224453FLE
Waste Line Number: 4
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: UN2811
U.S. DOT Description: Un2811, Waste Toxic Solids, Organic, N.O.S. (Chromium, Selenium), 6.1, Pg Ii, Erg#154
Non-Hazardous Waste Description: Not reported
Number of Containers: 1
Container Type Code: CF

CVS (Continued) **1016449407**

Container Type Description: Fiber or plastic boxes, cartons, cases
Waste Quantity: 10
Quantity Unit of Measure Code: P
Quantity Unit of Measure Description: Pounds
Waste Quantity, in Tons: 0.005
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.005
Waste Quantity, in Kilograms: 4.53515
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 4.53515
Management Method Code: H141
Management Method Description: STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: Y

Manifest Tracking Number: 012224453FLE
Waste Line Number: 5
U.S. DOT Hazardous Indicator: N
U.S. DOT ID Number: Not reported
U.S. DOT Description: Not reported
Non-Hazardous Waste Description: Non-Hazardous, Non-Regulated Liquids & Solids
Number of Containers: 1
Container Type Code: DF
Container Type Description: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 90
Quantity Unit of Measure Code: P
Quantity Unit of Measure Description: Pounds
Waste Quantity, in Tons: 0.045
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.045
Waste Quantity, in Kilograms: 40.816353
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 40.816353
Management Method Code: H141
Management Method Description: STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported

CVS (Continued) **1016449407**

Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: N

Click here to access 1 additional US EManifest: record(s) in the EDR Site Report.

I32
NE
1/4-1/2
0.255 mi.
1346 ft.

VEHICLE MAINTENANCE FACILITY
901 E 3RD ST
SEDALIA, MO 65301

Site 1 of 2 in cluster I

UST FINDER RELEASE **1028470622**
UST FINDER **N/A**

Relative:
Higher

Actual:
907 ft.

UST FINDER:
Object ID: 266159
Facility ID: MOST0008742
Name: VEHICLE MAINTENANCE FACILITY
Address: 901 E 3RD ST
City,State,Zip: SEDALIA, MO 65301
Address Match Type: Not reported
Open USTs: 1
Closed USTs: 3
TOS USTs: 0
Population 1500ft: 687
Private Wells 1500ft: 5
Within 100yr Floodplain: No
Land Use: Developed, High Intensity
Within SPA: No
SPA PWS Facility ID: Not reported
SPA Water Type: Not reported
SPA Facility Type: Not reported
SPA HUC12: Not reported
Within WHPA: No
WHPA PWS Facility ID: Not reported
WHPA Water Type: Not reported
WHPA Facility Type: Not reported
WHPA HUC12: Not reported
Facility Status: Open UST(s)
Date of Last Inspection: Not reported
EPA Region: 7
Tribe: Not reported
Coordinate Source: State
X Coord: -93.2171
Y Coord: 38.7086
Latitude: 38.7086
Longitude: -93.2171

UST FINDER:
Object ID: 926444
Facility ID: MOST0008742
Tank ID: MO21812
Tank Status: Closed
Installation Date: 1982/01/01 16:00:00+00
Removal Date: Not reported
Tank Capacity: 5000
Substances: Gasoline, Including Blends
Tank Wall Type: Single

VEHICLE MAINTENANCE FACILITY (Continued) **1028470622**

Object ID: 926445
Facility ID: MOST0008742
Tank ID: MO21813
Tank Status: Closed
Installation Date: 1982/01/01 16:00:00+00
Removal Date: Not reported
Tank Capacity: 5000
Substances: Gasoline, Including Blends
Tank Wall Type: Single

Object ID: 926886
Facility ID: MOST0008742
Tank ID: MO21814
Tank Status: Closed
Installation Date: 1982/01/01 16:00:00+00
Removal Date: Not reported
Tank Capacity: 5000
Substances: Diesel
Tank Wall Type: Single

Object ID: 918170
Facility ID: MOST0008742
Tank ID: MO21815
Tank Status: Open
Installation Date: 1998/12/22 15:59:59+00
Removal Date: Not reported
Tank Capacity: 20000
Substances: Diesel/Regular Gas/
Tank Wall Type: Single

UST FINDER RELEASE:
Object ID: 12712
Facility ID: MOST0008742
Lust ID: MOR003332
Name: VEHICLE MAINTENANCE FACILITY
Address: 901 E 3RD ST
City,State,Zip: SEDALIA, MO 65301
Address Match Type: Not reported
Reported Date: 1992/05/05 15:59:59+00
Status: No Further Action
Substance: Not reported
Population within 1500ft: 686
Domestic Wells within 1500ft: 5
Land Use: Developed, High Intensity
Within SPA: No
SPA PWS Facility ID: Not reported
SPA Water Type: Not reported
SPA Facility Type: Not reported
SPA HUC12: Not reported
Within WHPA: No
WHPA PWS Facility ID: Not reported
WHPA Water Type: Not reported
WHPA Facility Type: Not reported
WHPA HUC12: Not reported
Within 100yr Floodplain: No
Tribe: Not reported

VEHICLE MAINTENANCE FACILITY (Continued) **1028470622**

EPA Region: 7
NFA Letter 1: Not reported
NFA Letter 2: Not reported
NFA Letter 3: Not reported
NFA Letter 4: Not reported
Closed With Residual Contaminate: Not reported
Coordinate Source: State
X Coord: -93.21711
Y Coord: 38.7086100000001
Latitude: 38.70861
Longitude: -93.21711

I33 **VEHICLE MAINTENANCE FACILITY** **MO UST** **U001829566**
NE **901 E 3RD ST** **MO LUST** **N/A**
1/4-1/2 **SEDALIA, MO 65301**
0.255 mi.
1346 ft. **Site 2 of 2 in cluster I**

Relative:
Higher

Actual:
907 ft.

LUST:
Name: VEHICLE MAINTENANCE FACILITY
Address: 901 E 3RD ST
City,State,Zip: SEDALIA, MO 65301
Facility ID: ST0008742
Region: KC - Kansas City Regional Office
Lat/Long (dms): Not reported
Spill Number: Not reported
Release Date: 05/05/1992
Release Type: UNDERGROUND STORAGE TANK
Date Cleanup Started: 05/05/1992
Date Cleanup Finished: 12/29/1992
Expedited: No
Expedited Date: Not reported
Expenditures From The American Recovery and Reinvestment Act of 2009: No
Reopened Date: Not reported
Number Of Remediation Monitoring Wells: 0
Active: No
Date Of NFA Letter From DNR: 1993-02-08 00:00:00
Date Record Meets Archive Criteria: Not reported
Remediation ID: R003332
Rank: Not reported
Emergeny Response Date: Not reported
Emergency Cleanup Start: Not reported
Referred To DGLS for Investigation: Not reported
Contractor Performing Clean Up: Not reported
RBCA NFA: No
Project Manager: L
Next Correspondence/Update With Fac: Not reported
Date Added: 06/30/1995
Date Record Edited: 08/31/2023
Person Adding Or Editing Record: CHAPMAN, P
Facility Sent To State Archive: Yes
Date Remediation Unit Closed The File: Not reported
Site Affectd By Funding Level From PSTIF: No
General Comments: NFA date from LTS scanned doc

UST:
Facility ID: ST0008742

VEHICLE MAINTENANCE FACILITY (Continued) **U001829566**

Region: KC
Easting: 481124.055
Northing: 4284462.78
Owner Of Geospatial Data: Hazardous Waste Program
Geospatial Data Collected By: CARES
Date GIS Data Collected: 04/26/2000
Lat/Long: 38.7086 / -93.2171
Lat/Long (dms): Not reported

Tanks:

Owner:
Owner ID: OW04818
Owner Name: CITY OF SEDALIA
Owner Address: 200 S OSAGE MUNICIPAL BLDG
Owner City,St,Zip: SEDALIA, MO 65301
Owner County Code: 159
Owner Phone: 8273000
Mail Was Not Deliverable: No
Is Owner Active?: Yes
Date Registration Received: Not reported
Date Record Added: 1995-06-30 00:00:00
Date Record Edited: 2015-10-02 00:00:00
Name of Person Editing Record: BERVE, TRISHA

Tank ID: 1
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: Not reported
Date Tank Installed: 01/01/1982
Tank Material: Steel
Code for Tank Material Manufacturer: Not reported
Code for Tank Installer: 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 Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 12/05/1998
Date Tank Permanently Closed/ Removed: 11/16/1998
Dt Tk Exp Brought InUse/Internal Tracking: 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
Date Record Added: 06/30/1995
Date Record Edited: 04/09/1996
Person Adding/Editing Record: Not reported
Date Of NFA Letter: 11/16/1998
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: 11/10/1998
Date Of Aprroval Letter: 11/16/1998

VEHICLE MAINTENANCE FACILITY (Continued) **U001829566**

Firm Closing Tank: CRS
Date Closure Report Received: 03/17/1999
Registration End Date: Not reported
LockOut Flag: No
Comments: Not reported

Tank Compartment:
Tanks Use: False
Compartment No: 1
Tank Compartment PK: 21812
Tank PK: 21812
Case Number: Not reported
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 5000
Substance: Gasoline, Including Blends
Substance Other: Not reported
Hazardous Substance: Not reported
Mixture: False
Date of Last Use: 1998-12-05 00:00:00
Pipe Installation Date: Not reported
Pipe System: Not reported
Pipe Material: 1
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Date: Not reported
Pipe Double Wall: 0
Spill Protection: False

Owner:
Owner ID: OW04818
Owner Name: CITY OF SEDALIA
Owner Address: 200 S OSAGE MUNICIPAL BLDG
Owner City,St,Zip: SEDALIA, MO 65301
Owner County Code: 159
Owner Phone: 8273000
Mail Was Not Deliverable: No
Is Owner Active?: Yes
Date Registration Received: Not reported
Date Record Added: 1995-06-30 00:00:00
Date Record Edited: 2015-10-02 00:00:00
Name of Person Editing Record: BERVE, TRISHA

Tank ID: 2
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: Not reported
Date Tank Installed: 01/01/1982
Tank Material: Steel
Code for Tank Material Manufacturer: Not reported
Code for Tank Installer: Not reported
Other Type Of Tank Material: Not reported
Tank Internal Protection: Not reported
Other Tank Internal Protection: Not reported

VEHICLE MAINTENANCE FACILITY (Continued) **U001829566**

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: 12/05/1998
Date Tank Permanently Closed/ Removed: 11/16/1998
Dt Tk Exp Brought InUse/Internal Tracking: 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
Date Record Added: 06/30/1995
Date Record Edited: 04/09/1996
Person Adding/Editing Record: Not reported
Date Of NFA Letter: 11/16/1998
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: 11/10/1998
Date Of Aprroval Letter: 11/16/1998
Firm Closing Tank: CRS
Date Closure Report Received: 03/17/1999
Registration End Date: Not reported
LockOut Flag: No
Comments: Not reported

Tank Compartment:
Tanks Use: False
Compartment No: 1
Tank Compartment PK: 21813
Tank PK: 21813
Case Number: Not reported
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 5000
Substance: Gasoline, Including Blends
Substance Other: Not reported
Hazardous Substance: Not reported
Mixture: False
Date of Last Use: 1998-12-05 00:00:00
Pipe Installation Date: Not reported
Pipe System: Not reported
Pipe Material: 1
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Date: Not reported
Pipe Double Wall: 0
Spill Protection: False

Owner:
Owner ID: OW04818
Owner Name: CITY OF SEDALIA
Owner Address: 200 S OSAGE MUNICIPAL BLDG
Owner City,St,Zip: SEDALIA, MO 65301
Owner County Code: 159
Owner Phone: 8273000

VEHICLE MAINTENANCE FACILITY (Continued) **U001829566**

Mail Was Not Deliverable: No
Is Owner Active?: Yes
Date Registration Received: Not reported
Date Record Added: 1995-06-30 00:00:00
Date Record Edited: 2015-10-02 00:00:00
Name of Person Editing Record: BERVE, TRISHA

Tank ID: 3
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: Not reported
Date Tank Installed: 01/01/1982
Tank Material: Steel
Code for Tank Material Manufacturer: Not reported
Code for Tank Installer: 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 Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 12/05/1998
Date Tank Permanently Closed/ Removed: 11/16/1998
Dt Tk Exp Brought InUse/Internal Tracking: 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
Date Record Added: 06/30/1995
Date Record Edited: 04/09/1996
Person Adding/Editing Record: admin 8/5/98
Date Of NFA Letter: 11/16/1998
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: 11/10/1998
Date Of Aprroval Letter: 11/16/1998
Firm Closing Tank: CRS
Date Closure Report Received: 03/17/1999
Registration End Date: Not reported
LockOut Flag: No
Comments: Not reported

Tank Compartment:
Tanks Use: False
Compartment No: 1
Tank Compartment PK: 21814
Tank PK: 21814
Case Number: Not reported
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 5000
Substance: Diesel
Substance Other: Not reported
Hazardous Substance: Not reported

VEHICLE MAINTENANCE FACILITY (Continued) **U001829566**

Mixture: False
Date of Last Use: 1998-12-05 00:00:00
Pipe Installation Date: Not reported
Pipe System: Not reported
Pipe Material: 1
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Date: Not reported
Pipe Double Wall: 0
Spill Protection: False

Owner:
Owner ID: OW04818
Owner Name: CITY OF SEDALIA
Owner Address: 200 S OSAGE MUNICIPAL BLDG
Owner City,St,Zip: SEDALIA, MO 65301
Owner County Code: 159
Owner Phone: 8273000
Mail Was Not Deliverable: No
Is Owner Active?: Yes
Date Registration Received: Not reported
Date Record Added: 1995-06-30 00:00:00
Date Record Edited: 2015-10-02 00:00:00
Name of Person Editing Record: BERVE, TRISHA

Tank ID: 4
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Curently in use
Meet 98 Update Requirements: Not reported
Date Tank Installed: 12/22/1998
Tank Material: Fiberglass
Code for Tank Material Manufacturer: Not reported
Code for Tank Installer: 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 Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: Not reported
Date Tank Permanently Closed/ Removed: Not reported
Dt Tk Exp Brought InUse/Internal Tracking: 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
Date Record Added: 06/02/1999
Date Record Edited: 01/04/2024
Person Adding/Editing Record: ORAVETZ, A
Date Of NFA Letter: Not reported
Is Tank Used For Emergency Generator: No

VEHICLE MAINTENANCE FACILITY (Continued) **U001829566**

Date Closure Notice Received: Not reported
Date Of Aprroval Letter: Not reported
Firm Closing Tank: Not reported
Date Closure Report Received: Not reported
Registration End Date: 09/30/2025
LockOut Flag: No
Comments: Not reported

Tank Compartment:
Tanks Use: False
Compartment No: 1
Tank Compartment PK: 21815
Tank PK: 21815
Case Number: Not reported
Compartment Status: Curently in use
Compartment Temp Verified Dt: Not reported
Capacity: 10000
Substance: R
Substance Other: Not reported
Hazardous Substance: Not reported
Mixture: False
Date of Last Use: Not reported
Pipe Installation Date: Not reported
Pipe System: 2
Pipe Material: 2
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Date: Not reported
Pipe Double Wall: 0
Spill Protection: True

Tanks Use: False
Compartment No: 2
Tank Compartment PK: 42505
Tank PK: 21815
Case Number: Not reported
Compartment Status: Curently in use
Compartment Temp Verified Dt: Not reported
Capacity: 10000
Substance: Diesel
Substance Other: Not reported
Hazardous Substance: Not reported
Mixture: False
Date of Last Use: Not reported
Pipe Installation Date: Not reported
Pipe System: 2
Pipe Material: 2
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Date: Not reported
Pipe Double Wall: 0
Spill Protection: False

Tank Aug 2011:
Facility Id: ST0008742
Tank Id: 1

VEHICLE MAINTENANCE FACILITY (Continued) **U001829566**

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: No
No Buildings: No
Vapor Barrier: 0
St Louis Mo: No
Special Well Area: No
Surface Cap: No
No Excavation: No

Facility Id: ST0008742
Tank Id: 2
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: No
No Buildings: No
Vapor Barrier: 0
St Louis Mo: No
Special Well Area: No
Surface Cap: No
No Excavation: No

Facility Id: ST0008742
Tank Id: 4
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: No
No Buildings: No
Vapor Barrier: 0
St Louis Mo: No
Special Well Area: No
Surface Cap: No
No Excavation: No

Facility Id: ST0008742
Tank Id: 3
Site Usage: Not reported
Risk Type: Not reported
Soil Type: Not reported

VEHICLE MAINTENANCE FACILITY (Continued) **U001829566**

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

J34 **UPTOWN THEATRE** **MO SMARS** **S114556693**
NW **227 S OHIO AVE** **N/A**
1/4-1/2 **SEDALIA, MO 65301**
0.315 mi.
1665 ft. **Site 1 of 2 in cluster J**

Relative: **Lower**
Actual: **900 ft.**

SMARS:
Name: UPTOWN THEATRE
Address: 227 S OHIO AVE
City,State,Zip: SEDALIA, MO 65301-4331
SM Number: 12479
CERCLIS: Not reported
Ownership: VCP
Superfund Ownership: No
Voluntary Cleanup Ownership: Yes
Federal Facilities Ownership: No
Permits Ownership: No
NPL Date: Not reported
Tank Site Identification #: Not reported
Tank Remediation #: Not reported
Registry: No
Site Code: Not reported
Other Site Code: Not reported

J35 **UPTOWN THEATRE** **FINDS** **1024241890**
NW **227 S OHIO AVE** **US BROWNFIELDS** **N/A**
1/4-1/2 **SEDALIA, MO 65301**
0.315 mi.
1665 ft. **Site 2 of 2 in cluster J**

Relative: **Lower**
Actual: **900 ft.**

US BROWNFIELDS:
Name: UPTOWN THEATRE
Address: 227 S Ohio Ave
City,State,Zip: SEDALIA, MO 65301
Property ID: 237049
Property Alias: Not reported
Recipient Name: Missouri Department of Natural Resources
Grant Type: Not reported
Property Number: 41320090000
Parcel Size: 0.13
Latitude: 38.7088908
Longitude: -93.2277945
Census Tract: 29159480900

UPTOWN THEATRE (Continued) **1024241890**

State or Tribal Voluntary Response Program: Not reported
Program Name: RP
AA Activity Funded: Not reported
Start Date: Not reported
Redev Completition Date: Not reported
Completed Date: Not reported
Cleanup Funding: Not reported
Cleanup Funding Source: Not reported
Activity Funded: Not reported
Assessment Funding: Not reported
Assessment Funding Source: Not reported
Redevelopment Funding: Not reported
Contaminants REC: Not reported
Contaminants Found at Actionable Level: Not reported
Redev. Funding Source: Not reported
Redev. Funding Entity Name: Not reported
Contaminants Found Below Actionable Level: Not reported
Redevelopment Start Date: Not reported
Assessment Funding Entity: EPA
Cleanup Funding Entity: Not reported
Climate Adapt Mitig - Planning or Assessment: Not reported
Cooperative Agreement Number: 98727704
Start Date: 2014-06-17 00:00:00
Ownership Entity: Not reported
Additional Institutional Controls Information: Not reported
Completion Date: 2014-06-27 00:00:00
Address of Data Sources (URL if available) 1: Not reported
Cleanup Required: Y
Indicates Cleanup/Treatment Tech Implemented: Not reported
Institutional Controls Required: N
IC Category Proprietary Controls: Not reported
Excavation and Disposal of Soils: Not reported
Extraction of contaminants: Not reported
IC Cat. Info. Devices: Not reported
Removal of materials (tanks and piping, etc.): Not reported
IC Cat. Gov. Controls: Not reported
Reduction of Contam Bioremediation/Phytoremediation: Not reported
IC Cat. Enforcement Permit Tools: Not reported
Cleanup of structures: Not reported
IC in place date: Not reported
Additional Cleanup/Treatment Tech Info: Not reported
IC in place: N
Address of Data Source (URL if available) 2: Not reported
Indicate whether Engineering Controls are required: Not reported
State/tribal program ID: 12479
Cover Technologies (e.g., Capping): Not reported
Security (e.g., Guard, Fence): Not reported
Immobilization Process: Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet): Not reported
Other: Not reported
Additional Engineering Controls Information: Not reported
Address of Data Source (URL if available) 3: Not reported
Indicate whether Engineering Controls are in place: Not reported
Date Engineering Controls put into place: Not reported
ACRES Cleaned Up: Not reported
Section 128(a) State/Tribal: Not reported
Multipurpose - Cost Share Amount: Not reported

UPTOWN THEATRE (Continued) **1024241890**

Cleanup - Cost Share Amount: Not reported
RLF Loan - Total Loan Amount: Not reported
RLF - Loan Signed Date: Not reported
RLF Loan - Anticipated Repayment Start Date: Not reported
RLF Loan - Anticipated Repayment End Date: Not reported
RLF Loan - Interest Rate: Not reported
RLF Loan - EPA Funds Used: Not reported
Contaminant Cleanup: Not reported
RLF Loan - Cost Share Used: Not reported
Media Affected: Building Materials
RLF Loan - Program Income Used: Not reported
Media Cleanup: Not reported
RLF Loan - Discounted: Not reported
RLF Loan - Discount Percentage: Not reported
RLF Subgrant - Total Subgrant Amount: Not reported
RLF Subgrant - Signed Date: Not reported
RLF Subgrant - EPA Funds Used: Not reported
RLF Subgrant - Cost Share Used: Not reported
RLF Subgrant - Program Income Used: Not reported
RLF Direct Cleanup - Total Funding Amt: Not reported
Num. of cleanup and re-dev. jobs: Not reported
RLF Direct Cleanup - Source of Funding: Not reported
RLF Leveraged - Funding Source Type: Not reported
Past use greenspace acreage: Not reported
Past use residential acreage: Not reported
RLF Leveraged - Entity Providing Funding: Not reported
RLF Leveraged - Funding Amount: Not reported
Cleanup Completion Doc - NFA Letter Received: N
Past use commercial acreage: 0.13
NFA Letter Date Received: Not reported
Past use industrial acreage: Not reported
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro: N
Future use greenspace acreage: Not reported
Letter/Signed Report Date Received: Not reported
Future use residential acreage: Not reported
Future use commercial acreage: Not reported
Cleanup Completion Doc- Other forms of Doc: Not reported
Future use industrial acreage: Not reported
Climate Adapt and Mitiga - Demo or Cleanup: Not reported
ReDev Activity Funded: Not reported
Amount of Funding Expended on this Activity 2: Not reported
Number of Redevelopment Jobs Leveraged: Not reported
Climate Adaptation and Mitigation Redevelopment: Not reported
Radius: 0.5
Below Poverty Number: 606
Below Poverty Percent: 27.07
Meidan Income: 2840
Meidan Income Number: 1314
Meidan Income Percent: 58.69
Vacant Housing Number: 187
Vacant Housing Percent: 16.91
Unemployed Number: 100
Unemployed Percent: 4.47

Name: UPTOWN THEATRE
Address: 227 S Ohio Ave
City,State,Zip: SEDALIA, MO 65301

UPTOWN THEATRE (Continued) **1024241890**

Property ID: 237049
Property Alias: Not reported
Recipient Name: Missouri Department of Natural Resources
Grant Type: Not reported
Property Number: 41320090000
Parcel Size: 0.13
Latitude: 38.7088908
Longitude: -93.2277945
Census Tract: 29159480900
State or Tribal Voluntary Response Program: Not reported
Program Name: RP
AA Activity Funded: Not reported
Start Date: Not reported
Redev Completition Date: Not reported
Completed Date: Not reported
Cleanup Funding: Not reported
Cleanup Funding Source: Not reported
Activity Funded: Not reported
Assessment Funding: Not reported
Assessment Funding Source: Not reported
Redevelopment Funding: Not reported
Contaminants REC: Not reported
Contaminants Found at Actionable Level: Not reported
Redev. Funding Source: Not reported
Redev. Funding Entity Name: Not reported
Contaminants Found Below Actionable Level: Not reported
Redevelopment Start Date: Not reported
Assessment Funding Entity: Not reported
Cleanup Funding Entity: Not reported
Climate Adapt Mitig - Planning or Assessment: Not reported
Cooperative Agreement Number: 98727704
Start Date: Not reported
Ownership Entity: Not reported
Additional Institutional Controls Information: Not reported
Completion Date: Not reported
Address of Data Sources (URL if available) 1: Not reported
Cleanup Required: Y
Indicates Cleanup/Treatment Tech Implemented: Not reported
Institutional Controls Required: N
IC Category Proprietary Controls: Not reported
Excavation and Disposal of Soils: Not reported
Extraction of contaminants: Not reported
IC Cat. Info. Devices: Not reported
Removal of materials (tanks and piping, etc.): Not reported
IC Cat. Gov. Controls: Not reported
Reduction of Contam Bioremediation/Phytoremediation: Not reported
IC Cat. Enforcement Permit Tools: Not reported
Cleanup of structures: Not reported
IC in place date: Not reported
Additional Cleanup/Treatment Tech Info: Not reported
IC in place: N
Address of Data Source (URL if available) 2: Not reported
Indicate whether Engineering Controls are required: Not reported
State/tribal program ID: 12479
Cover Technologies (e.g., Capping): Not reported
Security (e.g., Guard, Fence): Not reported
Immobilization Process: Not reported

UPTOWN THEATRE (Continued) **1024241890**

Engineering Barriers (e.g., Slurry Walls, Sheet): Not reported
Other: Not reported
Additional Engineering Controls Information: Not reported
Address of Data Source (URL if available) 3: Not reported
Indicate whether Engineering Controls are in place: Not reported
Date Engineering Controls put into place: Not reported
ACRES Cleaned Up: Not reported
Section 128(a) State/Tribal: Not reported
Multipurpose - Cost Share Amount: Not reported
Cleanup - Cost Share Amount: Not reported
RLF Loan - Total Loan Amount: Not reported
RLF - Loan Signed Date: Not reported
RLF Loan - Anticipated Repayment Start Date: Not reported
RLF Loan - Anticipated Repayment End Date: Not reported
RLF Loan - Interest Rate: Not reported
RLF Loan - EPA Funds Used: Not reported
Contaminant Cleanup: Not reported
RLF Loan - Cost Share Used: Not reported
Media Affected: Building Materials
RLF Loan - Program Income Used: Not reported
Media Cleanup: Not reported
RLF Loan - Discounted: Not reported
RLF Loan - Discount Percentage: Not reported
RLF Subgrant - Total Subgrant Amount: Not reported
RLF Subgrant - Signed Date: Not reported
RLF Subgrant - EPA Funds Used: Not reported
RLF Subgrant - Cost Share Used: Not reported
RLF Subgrant - Program Income Used: Not reported
RLF Direct Cleanup - Total Funding Amt: Not reported
Num. of cleanup and re-dev. jobs: Not reported
RLF Direct Cleanup - Source of Funding: Not reported
RLF Leveraged - Funding Source Type: Not reported
Past use greenspace acreage: Not reported
Past use residential acreage: Not reported
RLF Leveraged - Entity Providing Funding: Not reported
RLF Leveraged - Funding Amount: Not reported
Cleanup Completion Doc - NFA Letter Received: N
Past use commercial acreage: 0.13
NFA Letter Date Received: Not reported
Past use industrial acreage: Not reported
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro: N
Future use greenspace acreage: Not reported
Letter/Signed Report Date Received: Not reported
Future use residential acreage: Not reported
Future use commercial acreage: Not reported
Cleanup Completion Doc- Other forms of Doc: Not reported
Future use industrial acreage: Not reported
Climate Adapt and Mitiga - Demo or Cleanup: Not reported
ReDev Activity Funded: Not reported
Amount of Funding Expended on this Activity 2: Not reported
Number of Redevelopment Jobs Leveraged: Not reported
Climate Adaptation and Mitigation Redevelopment: Not reported
Radius: 0.5
Below Poverty Number: 606
Below Poverty Percent: 27.07
Meidan Income: 2840
Meidan Income Number: 1314

UPTOWN THEATRE (Continued) **1024241890**

Meidan Income Percent: 58.69
Vacant Housing Number: 187
Vacant Housing Percent: 16.91
Unemployed Number: 100
Unemployed Percent: 4.47

Name: UPTOWN THEATRE
Address: 227 S Ohio Ave
City,State,Zip: SEDALIA, MO 65301
Property ID: 237049
Property Alias: Not reported
Recipient Name: Missouri Department of Natural Resources
Grant Type: Not reported
Property Number: 41320090000
Parcel Size: 0.13
Latitude: 38.7088908
Longitude: -93.2277945
Census Tract: 29159480900
State or Tribal Voluntary Response Program: Not reported
Program Name: RP
AA Activity Funded: Not reported
Start Date: Not reported
Redev Completition Date: Not reported
Completed Date: Not reported
Cleanup Funding: Not reported
Cleanup Funding Source: Not reported
Activity Funded: Not reported
Assessment Funding: Not reported
Assessment Funding Source: Not reported
Redevelopment Funding: Not reported
Contaminants REC: Not reported
Contaminants Found at Actionable Level: Not reported
Redev. Funding Source: Not reported
Redev. Funding Entity Name: Not reported
Contaminants Found Below Actionable Level: Not reported
Redevelopment Start Date: Not reported
Assessment Funding Entity: EPA
Cleanup Funding Entity: Not reported
Climate Adapt Mitig - Planning or Assessment: Not reported
Cooperative Agreement Number: 98727704
Start Date: 2013-10-03 00:00:00
Ownership Entity: Not reported
Additional Institutional Controls Information: Not reported
Completion Date: 2013-10-21 00:00:00
Address of Data Sources (URL if available) 1: Not reported
Cleanup Required: Y
Indicates Cleanup/Treatment Tech Implemented: Not reported
Institutional Controls Required: N
IC Category Proprietary Controls: Not reported
Excavation and Disposal of Soils: Not reported
Extraction of contaminants: Not reported
IC Cat. Info. Devices: Not reported
Removal of materials (tanks and piping, etc.): Not reported
IC Cat. Gov. Controls: Not reported
Reduction of Contam Bioremediation/Phytoremediation: Not reported
IC Cat. Enforcement Permit Tools: Not reported
Cleanup of structures: Not reported

UPTOWN THEATRE (Continued) **1024241890**

IC in place date: Not reported
Additional Cleanup/Treatment Tech Info: Not reported
IC in place: N
Address of Data Source (URL if available) 2: Not reported
Indicate whether Engineering Controls are required: Not reported
State/tribal program ID: 12479
Cover Technologies (e.g., Capping): Not reported
Security (e.g., Guard, Fence): Not reported
Immobilization Process: Not reported
Engineering Barriers (e.g., Slurry Walls, Sheet): Not reported
Other: Not reported
Additional Engineering Controls Information: Not reported
Address of Data Source (URL if available) 3: Not reported
Indicate whether Engineering Controls are in place: Not reported
Date Engineering Controls put into place: Not reported
ACRES Cleaned Up: Not reported
Section 128(a) State/Tribal: Not reported
Multipurpose - Cost Share Amount: Not reported
Cleanup - Cost Share Amount: Not reported
RLF Loan - Total Loan Amount: Not reported
RLF - Loan Signed Date: Not reported
RLF Loan - Anticipated Repayment Start Date: Not reported
RLF Loan - Anticipated Repayment End Date: Not reported
RLF Loan - Interest Rate: Not reported
RLF Loan - EPA Funds Used: Not reported
Contaminant Cleanup: Not reported
RLF Loan - Cost Share Used: Not reported
Media Affected: Building Materials
RLF Loan - Program Income Used: Not reported
Media Cleanup: Not reported
RLF Loan - Discounted: Not reported
RLF Loan - Discount Percentage: Not reported
RLF Subgrant - Total Subgrant Amount: Not reported
RLF Subgrant - Signed Date: Not reported
RLF Subgrant - EPA Funds Used: Not reported
RLF Subgrant - Cost Share Used: Not reported
RLF Subgrant - Program Income Used: Not reported
RLF Direct Cleanup - Total Funding Amt: Not reported
Num. of cleanup and re-dev. jobs: Not reported
RLF Direct Cleanup - Source of Funding: Not reported
RLF Leveraged - Funding Source Type: Not reported
Past use greenspace acreage: Not reported
Past use residential acreage: Not reported
RLF Leveraged - Entity Providing Funding: Not reported
RLF Leveraged - Funding Amount: Not reported
Cleanup Completion Doc - NFA Letter Received: N
Past use commercial acreage: 0.13
NFA Letter Date Received: Not reported
Past use industrial acreage: Not reported
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro: N
Future use greenspace acreage: Not reported
Letter/Signed Report Date Received: Not reported
Future use residential acreage: Not reported
Future use commercial acreage: Not reported
Cleanup Completion Doc- Other forms of Doc: Not reported
Future use industrial acreage: Not reported
Climate Adapt and Mitiga - Demo or Cleanup: Not reported

UPTOWN THEATRE (Continued) **1024241890**

ReDev Activity Funded: Not reported
Amount of Funding Expended on this Activity 2: Not reported
Number of Redevelopment Jobs Leveraged: Not reported
Climate Adaptation and Mitigation Redevelopment: Not reported
Radius: 0.5
Below Poverty Number: 606
Below Poverty Percent: 27.07
Meidan Income: 2840
Meidan Income Number: 1314
Meidan Income Percent: 58.69
Vacant Housing Number: 187
Vacant Housing Percent: 16.91
Unemployed Number: 100
Unemployed Percent: 4.47

FINDS:
Registry ID: 110070247708

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on Brownfields properties assessed or cleaned up with grant funding, as well as information on Targeted Brownfields Assessments (TBA) performed by EPA Regions.

Click here to access additional FINDS: detail in the EDR Site Report.

36
WNW
1/4-1/2
0.340 mi.
1796 ft.

MERCANTILE BANK
116 W FOURTH ST
SEDALIA, MO 65301

MO UST **U003980829**
MO SPILLS **N/A**
MO LUST

Relative:
Higher

Actual:
906 ft.

LUST:
Name: MERCANTILE BANK
Address: 116 W FOURTH ST
City,State,Zip: SEDALIA, MO 65301
Facility ID: ST5800293
Region: KC - Kansas City Regional Office
Lat/Long (dms): Not reported
Spill Number: 979417-1220-ejs
Release Date: 04/01/1997
Release Type: UNKNOWN
Date Cleanup Started: 04/01/1997
Date Cleanup Finished: 04/16/1999
Expedited: No
Expedited Date: Not reported
Expenditures From The American Recovery and Reinvestment Act of 2009: No
Reopened Date: Not reported
Number Of Remediation Monitoring Wells: 0
Active: No
Date Of NFA Letter From DNR: 1999-04-16 00:00:00
Date Record Meets Archive Criteria: Not reported
Remediation ID: R006369
Rank: Not reported
Emergeny Response Date: 04/17/1997
Emergency Cleanup Start: 04/17/1997

MERCANTILE BANK (Continued) **U003980829**

Referred To DGLS for Investigation: 3
Contractor Performing Clean Up: 120
RBCA NFA: No
Project Manager: L
Next Correspondence/Update With Fac: Not reported
Date Added: 04/14/1999
Date Record Edited: 03/13/2019
Person Adding Or Editing Record: GARRETT, V
Facility Sent To State Archive: Yes
Date Remediation Unit Closed The File: Not reported
Site Affectd By Funding Level From PSTIF: No
General Comments: 4/14/99 rdh rev'd Phase II site assessment, TEH was 4,256 but other BTEX and TPH gas and diesel were ND or near. Issued NFA letter.

UST:
Facility ID: ST5800293
Region: KC
Easting: 480086.914
Northing: 4284403.26
Owner Of Geospatial Data: Not reported
Geospatial Data Collected By: INT_STEINBECK,Eli
Date GIS Data Collected: 08/13/2014
Lat/Long: 38.70785 / -93.22907
Lat/Long (dms): Not reported

Tanks:

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
Code for Tank Material Manufacturer: Not reported
Code for Tank Installer: 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 Extrn Protec: Not reported

MERCANTILE BANK (Continued) **U003980829**

Tank External Protec Date: Not reported
Date Tank Last Used: Not reported
Date Tank Permanently Closed/ Removed: Not reported
Dt Tk Exp Brought InUse/Internal Tracking: 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
Date Record Added: Not reported
Date Record Edited: Not reported
Person Adding/Editing Record: Not reported
Date Of NFA Letter: Not reported
Is Tank Used For Emergency Generator: Not reported
Date Closure Notice Received: Not reported
Date Of Aprroval Letter: Not reported
Firm Closing Tank: Not reported
Date Closure Report Received: Not reported
Registration End Date: Not reported
LockOut Flag: Not reported
Comments: Not reported

Tank Aug 2011:
Facility Id: ST5800293
Tank Id: Not reported
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: Not reported
No Buildings: Not reported
Vapor Barrier: Not reported
St Louis Mo: Not reported
Special Well Area: Not reported
Surface Cap: Not reported
No Excavation: Not reported

SPILLS:
Name: Not reported
Address: 116 WEST FOURTH STREET
City,State,Zip: SEDALIA, MO
Facility ID: 9704171220EJS
Spill Number: 9704171220EJS
Reported Date: 04/17/1997
Reported Time: 12:20:00
Regional Office: JCRO
Latitude: Not reported
Property Code: 14
Property Sub Category: Not reported
Longitude: Not reported
UTM Zone For GPS: Not reported

MERCANTILE BANK (Continued) **U003980829**

Cause Sub Category: 4
Email: False
Ongoing: False
Is A Chemical Pickup Needed?: False
Cause: 10
Contact Name: Robert Matschiner
Contact Phone #: 3145326353
Contact Id: 5816
Organization Name: Roosevelt Bank
Organization Address1: 900 East Roosevelt Pkwy.
Discovery Date: 04/17/1997
Organization Address2: Not reported
Discovery Time: Not reported
Organization City: Chesterfield
Incident Date: Not reported
Organization State: MO
Incident Time: Not reported
Organization Zip: 63017
GPS Code: Not reported
Date Of Incident Search: 04/17/1997
UTM North: Not reported
UTM East: Not reported
Cause Description: Leaking Tank System
Cause Sub Category: Not reported
Report Origin: 69
Lead Agency: Private - Responsible Party Contractor
Additional Information: Spill Summary: CALLER REPORTS A PHASE II SITE INVESTIGATION FOUND EVIDENCE OF HISTORIC PETROLEUM CONTAMINATION IN SOILS AT A FORMER UNDERGROUND STORAGE TANK SITE. Response Summary: EER REFERREI INFORMATION TO THE LUST UNIT OF THE HAZARDOUS WASTE PROGRAM. Additional Information: THE TANKS WERE REPORTEDLY REMOVED IN THE 1960'S. THE SITE HAS BEEN A BANK SINCE 1964. THE SITE WAS FORMERLY A SERVICE STATION. HIGHEST CONCENTRATION FOUND IN SOIL BORINGS: TPH - 4,256 PPM AT FIVE-FOOT DEPTH. BTEX CONSTITUENTS WERE INSIGNIFICANT. BEDROCK ENCOUNTERED AT 12-15 FEET, NO GROUNDWATER ENCO DRILLING. THE RP WANTS TO REMEDIATE THE SITE THROUGH THE INSURANCE FUND. MS. KENNEDY, WITH THOMPSON - COBURN, IS LEGAL COUNS ROOSEVELT BANK.
Entity Telephone: 3145326353
Property Code Description: Other - Fixed Facility
Property Sub Category: Not reported
Description: Not reported
Job Code: Not reported

Cleanup Actions:
Spill Number: 9704171220EJS
Incident ID: 5816
Cleanup Action Code: 14
Cleanup Action Description: Pending

Report Distribution:
Spill Number: 9704171220EJS
Incident ID: 5816
Agent Code: 13
Agency: DNR - ERP - Leaking Underground ST Section

K37 **BOTHWELL REGIONAL HEALTH CENTER** **UST FINDER RELEASE** **1028468543**
South **601 E 14TH** **UST FINDER** **N/A**
1/4-1/2 **SEDALIA, MO 65301**
0.342 mi.
1804 ft. **Site 1 of 2 in cluster K**

Relative:
Lower

Actual:
903 ft.

UST FINDER:

Object ID:	265983
Facility ID:	MOST0006360
Name:	BOTHWELL REGIONAL HEALTH CENTER
Address:	601 E 14TH
City,State,Zip:	SEDALIA, MO 65301
Address Match Type:	Not reported
Open USTs:	0
Closed USTs:	3
TOS USTs:	0
Population 1500ft:	989
Private Wells 1500ft:	0
Within 100yr Floodplain:	No
Land Use:	Developed, Medium Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	No
WHPA PWS Facility ID:	Not reported
WHPA Water Type:	Not reported
WHPA Facility Type:	Not reported
WHPA HUC12:	Not reported
Facility Status:	Closed UST(s)
Date of Last Inspection:	Not reported
EPA Region:	7
Tribe:	Not reported
Coordinate Source:	State
X Coord:	-93.2215
Y Coord:	38.6994
Latitude:	38.6994
Longitude:	-93.2215

UST FINDER:

Object ID:	930609
Facility ID:	MOST0006360
Tank ID:	MO15915
Tank Status:	Closed
Installation Date:	1976/01/01 16:00:00+00
Removal Date:	Not reported
Tank Capacity:	500
Substances:	Diesel
Tank Wall Type:	Single

Object ID:	933135
Facility ID:	MOST0006360
Tank ID:	MO15913
Tank Status:	Closed
Installation Date:	1973/01/01 16:00:00+00
Removal Date:	Not reported
Tank Capacity:	1000
Substances:	Diesel
Tank Wall Type:	Single

BOTHWELL REGIONAL HEALTH CENTER (Continued) **1028468543**

Object ID: 933136
Facility ID: MOST0006360
Tank ID: MO15914
Tank Status: Closed
Installation Date: 1973/01/01 16:00:00+00
Removal Date: Not reported
Tank Capacity: 6000
Substances: Diesel
Tank Wall Type: Single

UST FINDER RELEASE:
Object ID: 12697
Facility ID: MOST0006360
Lust ID: MOR003617
Name: BOTHWELL REGIONAL HEALTH CENTER
Address: 601 E 14TH
City,State,Zip: SEDALIA, MO 65301
Address Match Type: Not reported
Reported Date: 1992/10/26 15:59:59+00
Status: No Further Action
Substance: Not reported
Population within 1500ft: 990
Domestic Wells within 1500ft: 0
Land Use: Developed, Medium Intensity
Within SPA: No
SPA PWS Facility ID: Not reported
SPA Water Type: Not reported
SPA Facility Type: Not reported
SPA HUC12: Not reported
Within WHPA: No
WHPA PWS Facility ID: Not reported
WHPA Water Type: Not reported
WHPA Facility Type: Not reported
WHPA HUC12: Not reported
Within 100yr Floodplain: No
Tribe: Not reported
EPA Region: 7
NFA Letter 1: Not reported
NFA Letter 2: Not reported
NFA Letter 3: Not reported
NFA Letter 4: Not reported
Closed With Residual Contaminate: Not reported
Coordinate Source: State
X Coord: -93.22151
Y Coord: 38.6994100000001
Latitude: 38.69941
Longitude: -93.2215099999999

K38 **BOTHWELL REGIONAL HEALTH CENTER** **MO UST** **U001829501**
South **601 E 14TH** **MO AIRS** **N/A**
1/4-1/2 **SEDALIA, MO 65301** **MO LUST**
0.342 mi. **MO ASBESTOS**
1804 ft. **Site 2 of 2 in cluster K**

Relative:
Lower

Actual:
903 ft.

LUST:

Name:	BOTHWELL REGIONAL HEALTH CENTER
Address:	601 E 14TH
City,State,Zip:	SEDALIA, MO 65301
Facility ID:	ST0006360
Region:	KC - Kansas City Regional Office
Lat/Long (dms):	Not reported
Spill Number:	Not reported
Release Date:	10/26/1992
Release Type:	UNDERGROUND STORAGE TANK
Date Cleanup Started:	03/02/1993
Date Cleanup Finished:	05/18/1993
Expedited:	No
Expedited Date:	Not reported
Expenditures From The American Recovery and Reinvestment Act of 2009:	No
Reopened Date:	Not reported
Number Of Remediation Monitoring Wells:	0
Active:	No
Date Of NFA Letter From DNR:	**1993-05-20 00:00:00**
Date Record Meets Archive Criteria:	Not reported
Remediation ID:	R003617
Rank:	Not reported
Emergeny Response Date:	Not reported
Emergency Cleanup Start:	Not reported
Referred To DGLS for Investigation:	Not reported
Contractor Performing Clean Up:	Not reported
RBCA NFA:	No
Project Manager:	L
Next Correspondence/Update With Fac:	Not reported
Date Added:	06/30/1995
Date Record Edited:	01/19/2024
Person Adding Or Editing Record:	CHAPMAN, P
Facility Sent To State Archive:	Yes
Date Remediation Unit Closed The File:	Not reported
Site Affectd By Funding Level From PSTIF:	No
General Comments:	NFA date from LTS doc

UST:

Facility ID:	ST0006360
Region:	KC
Easting:	480739.025
Northing:	4283442.81
Owner Of Geospatial Data:	Hazardous Waste Program
Geospatial Data Collected By:	CARES
Date GIS Data Collected:	04/26/2000
Lat/Long:	38.6994 / -93.2215
Lat/Long (dms):	Not reported

Tanks:

Owner:

Owner ID:	OW04825
Owner Name:	BOTHWELL REGIONAL HEALTH CENTER
Owner Address:	601 E 14TH

BOTHWELL REGIONAL HEALTH CENTER (Continued) **U001829501**

Owner City,St,Zip: SEDALIA, MO 65301
Owner County Code: 159
Owner Phone: 8268833
Mail Was Not Deliverable: No
Is Owner Active?: No
Date Registration Received: Not reported
Date Record Added: 1995-06-30 00:00:00
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: Not reported
Date Tank Installed: 01/01/1973
Tank Material: Steel
Code for Tank Material Manufacturer: Not reported
Code for Tank Installer: 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 Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 05/20/1993
Date Tank Permanently Closed/ Removed: 05/20/1993
Dt Tk Exp Brought InUse/Internal Tracking: 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
Date Record Added: 06/30/1995
Date Record Edited: 07/31/1996
Person Adding/Editing Record: Not reported
Date Of NFA Letter: 05/20/1993
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: 01/19/1993
Date Of Aprroval Letter: 05/20/1993
Firm Closing Tank: SUNBELT ENVIRONMENTAL
Date Closure Report Received: Not reported
Registration End Date: Not reported
LockOut Flag: No
Comments: 1-6000 GAL DIESEL, 1-1000 GAL DIESEL

Tank Compartment:
Tanks Use: False
Compartment No: 1
Tank Compartment PK: 15913
Tank PK: 15913
Case Number: Not reported
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 1000

BOTHWELL REGIONAL HEALTH CENTER (Continued) **U001829501**

Substance: Diesel
Substance Other: Not reported
Hazardous Substance: Not reported
Mixture: False
Date of Last Use: 1993-05-20 00:00:00
Pipe Installation Date: Not reported
Pipe System: Not reported
Pipe Material: 1
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Date: Not reported
Pipe Double Wall: 0
Spill Protection: False

Owner:
Owner ID: OW04825
Owner Name: BOTHWELL REGIONAL HEALTH CENTER
Owner Address: 601 E 14TH
Owner City,St,Zip: SEDALIA, MO 65301
Owner County Code: 159
Owner Phone: 8268833
Mail Was Not Deliverable: No
Is Owner Active?: No
Date Registration Received: Not reported
Date Record Added: 1995-06-30 00:00:00
Date Record Edited: Not reported
Name of Person Editing Record: Not reported

Tank ID: 2
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: Not reported
Date Tank Installed: 01/01/1973
Tank Material: Steel
Code for Tank Material Manufacturer: Not reported
Code for Tank Installer: 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 Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 05/20/1993
Date Tank Permanently Closed/ Removed: 05/20/1993
Dt Tk Exp Brought InUse/Internal Tracking: 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
Date Record Added: 06/30/1995
Date Record Edited: 07/31/1996

BOTHWELL REGIONAL HEALTH CENTER (Continued) **U001829501**

Person Adding/Editing Record: Not reported
Date Of NFA Letter: 05/20/1993
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: 01/19/1993
Date Of Aprroval Letter: 05/20/1993
Firm Closing Tank: SUNBELT ENVIRONMENTAL
Date Closure Report Received: Not reported
Registration End Date: Not reported
LockOut Flag: No
Comments: 1-6000 GAL DIESEL, 1-1000 GAL DIESEL

Tank Compartment:
Tanks Use: False
Compartment No: 1
Tank Compartment PK: 15914
Tank PK: 15914
Case Number: Not reported
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 6000
Substance: Diesel
Substance Other: Not reported
Hazardous Substance: Not reported
Mixture: False
Date of Last Use: 1993-05-20 00:00:00
Pipe Installation Date: Not reported
Pipe System: Not reported
Pipe Material: 1
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Date: Not reported
Pipe Double Wall: 0
Spill Protection: False

Owner:
Owner ID: OW04825
Owner Name: BOTHWELL REGIONAL HEALTH CENTER
Owner Address: 601 E 14TH
Owner City,St,Zip: SEDALIA, MO 65301
Owner County Code: 159
Owner Phone: 8268833
Mail Was Not Deliverable: No
Is Owner Active?: No
Date Registration Received: Not reported
Date Record Added: 1995-06-30 00:00:00
Date Record Edited: Not reported
Name of Person Editing Record: Not reported

Tank ID: 3
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Permanently Closed in place
Meet 98 Update Requirements: Not reported
Date Tank Installed: 01/01/1976
Tank Material: Steel

BOTHWELL REGIONAL HEALTH CENTER (Continued) **U001829501**

Code for Tank Material Manufacturer: Not reported
Code for Tank Installer: 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 Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 10/01/1985
Date Tank Permanently Closed/ Removed: 04/19/1993
Dt Tk Exp Brought InUse/Internal Tracking: 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
Date Record Added: 06/30/1995
Date Record Edited: 07/31/1996
Person Adding/Editing Record: Not reported
Date Of NFA Letter: 04/19/1993
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: Not reported
Date Of Aprroval Letter: Not reported
Firm Closing Tank: Not reported
Date Closure Report Received: Not reported
Registration End Date: Not reported
LockOut Flag: No
Comments: Not reported

Tank Compartment:
Tanks Use: False
Compartment No: 1
Tank Compartment PK: 15915
Tank PK: 15915
Case Number: Not reported
Compartment Status: Permanently Closed in place
Compartment Temp Verified Dt: Not reported
Capacity: 500
Substance: Diesel
Substance Other: Not reported
Hazardous Substance: Not reported
Mixture: False
Date of Last Use: 1985-10-01 00:00:00
Pipe Installation Date: Not reported
Pipe System: Not reported
Pipe Material: 1
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Date: Not reported
Pipe Double Wall: 0
Spill Protection: False

Tank Aug 2011:
Facility Id: ST0006360

BOTHWELL REGIONAL HEALTH CENTER (Continued) **U001829501**

Tank Id: 1
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: No
No Buildings: No
Vapor Barrier: 0
St Louis Mo: No
Special Well Area: No
Surface Cap: No
No Excavation: No

Facility Id: ST0006360
Tank Id: 2
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: No
No Buildings: No
Vapor Barrier: 0
St Louis Mo: No
Special Well Area: No
Surface Cap: No
No Excavation: No

Facility Id: ST0006360
Tank Id: 3
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: No
No Buildings: No
Vapor Barrier: 0
St Louis Mo: No
Special Well Area: No
Surface Cap: No
No Excavation: No

AIRS:
Year: Not reported
Name: BOTHWELL REGIONAL HEALTH CENTER
Address: 601 E 14TH ST

BOTHWELL REGIONAL HEALTH CENTER (Continued) **U001829501**

City,State,Zip: SEDALIA, MO
Facility ID: AP201407048
Start Review Date: Not reported
Program ID: Not reported
Complete Date: Not reported
Country: Not reported
Permit Number: Not reported
Step Name: AP: No Permit Required
Permitee Name: AP: Applicability Determination Request
SA Description: Not reported
Locator X: 601 E 14TH ST
Expiration Date: Not reported
Received Submittal Date: Not reported
Description: Emergency Generator Replacement
Contact Name: Not reported
Cons Name: Not reported
Port Cnty: Not reported
Permit Code: Not reported
FIPS Plant: Not reported
Contact Code: Not reported
Days From Start: Not reported
Days From Completion: Not reported
Number of Days: Not reported
Organization Formal Name: Not reported
Affiliation Type Code: Not reported
Facility Category Code: Not reported
Facility Site Status Code: Not reported
Facility Site Status Code Year: Not reported
Facility Site Comment: Not reported
NAICS Code: Not reported
Supplemental Location Text: Not reported
Latitude: Not reported
Longitude: Not reported

Year: Not reported
Name: BOTHWELL REGIONAL HEALTH CENTER
Address: 601 E 14TH ST
City,State,Zip: SEDALIA, MO
Facility ID: AP201601033
Start Review Date: Not reported
Program ID: Not reported
Complete Date: Not reported
Country: Not reported
Permit Number: OP
Step Name: AP: Received Basic OP Issued
Permitee Name: AOP: Basic Operating Permit Renewal
SA Description: Not reported
Locator X: 601 E 14TH ST
Expiration Date: Not reported
Received Submittal Date: Not reported
Description: Hospital
Contact Name: Not reported
Cons Name: Not reported
Port Cnty: Not reported
Permit Code: Not reported
FIPS Plant: Not reported
Contact Code: Not reported

BOTHWELL REGIONAL HEALTH CENTER (Continued) **U001829501**

Days From Start: Not reported
Days From Completion: Not reported
Number of Days: Not reported
Organization Formal Name: Not reported
Affiliation Type Code: Not reported
Facility Category Code: Not reported
Facility Site Status Code: Not reported
Facility Site Status Code Year: Not reported
Facility Site Comment: Not reported
NAICS Code: Not reported
Supplemental Location Text: Not reported
Latitude: Not reported
Longitude: Not reported

Year: Not reported
Name: BOTHWELL REGIONAL HEALTH CENTER
Address: 601 E 14TH ST
City,State,Zip: SEDALIA, MO
Facility ID: AP201601036
Start Review Date: Not reported
Program ID: Not reported
Complete Date: Not reported
Country: Not reported
Permit Number: Not reported
Step Name: AP: No Permit Required
Permitee Name: AP: Applicability Determination Request
SA Description: Not reported
Locator X: 601 E 14TH ST
Expiration Date: Not reported
Received Submittal Date: Not reported
Description: Generator
Contact Name: Not reported
Cons Name: Not reported
Port Cnty: Not reported
Permit Code: Not reported
FIPS Plant: Not reported
Contact Code: Not reported
Days From Start: Not reported
Days From Completion: Not reported
Number of Days: Not reported
Organization Formal Name: Not reported
Affiliation Type Code: Not reported
Facility Category Code: Not reported
Facility Site Status Code: Not reported
Facility Site Status Code Year: Not reported
Facility Site Comment: Not reported
NAICS Code: Not reported
Supplemental Location Text: Not reported
Latitude: Not reported
Longitude: Not reported

Year: Not reported
Name: BOTHWELL REGIONAL HEALTH CENTER
Address: 601 E 14TH ST
City,State,Zip: SEDALIA, MO
Facility ID: AP200402074
Start Review Date: Not reported

BOTHWELL REGIONAL HEALTH CENTER (Continued) **U001829501**

Program ID: Not reported
Complete Date: Not reported
Country: Not reported
Permit Number: Not reported
Step Name: AP: No Permit Required
Permitee Name: AP: Temporary or Pilot Plant Permit
SA Description: Not reported
Locator X: 601 E 14TH ST
Expiration Date: Not reported
Received Submittal Date: Not reported
Description: Temporary Boiler
Contact Name: Not reported
Cons Name: Not reported
Port Cnty: Not reported
Permit Code: Not reported
FIPS Plant: Not reported
Contact Code: Not reported
Days From Start: Not reported
Days From Completion: Not reported
Number of Days: Not reported
Organization Formal Name: Not reported
Affiliation Type Code: Not reported
Facility Category Code: Not reported
Facility Site Status Code: Not reported
Facility Site Status Code Year: Not reported
Facility Site Comment: Not reported
NAICS Code: Not reported
Supplemental Location Text: Not reported
Latitude: Not reported
Longitude: Not reported

Year: Not reported
Name: BOTHWELL REGIONAL HEALTH CENTER
Address: 601 E 14TH ST
City,State,Zip: SEDALIA, MO
Facility ID: AP200409034
Start Review Date: Not reported
Program ID: Not reported
Complete Date: Not reported
Country: Not reported
Permit Number: 012005-003
Step Name: AP: Section 5 Permit Issued
Permitee Name: AP: Sec 5 & 6: Deminimis and Minor
SA Description: Not reported
Locator X: 601 E 14TH ST
Expiration Date: Not reported
Received Submittal Date: Not reported
Description: Boiler Plant
Contact Name: Not reported
Cons Name: Not reported
Port Cnty: Not reported
Permit Code: Not reported
FIPS Plant: Not reported
Contact Code: Not reported
Days From Start: Not reported
Days From Completion: Not reported
Number of Days: Not reported

BOTHWELL REGIONAL HEALTH CENTER (Continued) **U001829501**

Organization Formal Name: Not reported
Affiliation Type Code: Not reported
Facility Category Code: Not reported
Facility Site Status Code: Not reported
Facility Site Status Code Year: Not reported
Facility Site Comment: Not reported
NAICS Code: Not reported
Supplemental Location Text: Not reported
Latitude: Not reported
Longitude: Not reported

Year: Not reported
Name: BOTHWELL REGIONAL HEALTH CENTER
Address: 601 E 14TH ST
City,State,Zip: SEDALIA, MO
Facility ID: AP200605060
Start Review Date: Not reported
Program ID: Not reported
Complete Date: Not reported
Country: Not reported
Permit Number: OP
Step Name: AP: Received Basic OP Issued
Permitee Name: AOP: Basic Operating Permit Renewal
SA Description: Not reported
Locator X: 601 E 14TH ST
Expiration Date: Not reported
Received Submittal Date: Not reported
Description: Hospital
Contact Name: Not reported
Cons Name: Not reported
Port Cnty: Not reported
Permit Code: Not reported
FIPS Plant: Not reported
Contact Code: Not reported
Days From Start: Not reported
Days From Completion: Not reported
Number of Days: Not reported
Organization Formal Name: Not reported
Affiliation Type Code: Not reported
Facility Category Code: Not reported
Facility Site Status Code: Not reported
Facility Site Status Code Year: Not reported
Facility Site Comment: Not reported
NAICS Code: Not reported
Supplemental Location Text: Not reported
Latitude: Not reported
Longitude: Not reported

Year: Not reported
Name: BOTHWELL REGIONAL HEALTH CENTER
Address: 601 E 14TH ST
City,State,Zip: SEDALIA, MO
Facility ID: AP201210043
Start Review Date: Not reported
Program ID: Not reported
Complete Date: Not reported
Country: Not reported

BOTHWELL REGIONAL HEALTH CENTER (Continued) **U001829501**

Permit Number: OP
Step Name: AP: Received Basic OP Issued
Permitee Name: AOP: Basic Operating Permit Renewal
SA Description: Not reported
Locator X: 601 E 14TH ST
Expiration Date: Not reported
Received Submittal Date: Not reported
Description: Hospital
Contact Name: Not reported
Cons Name: Not reported
Port Cnty: Not reported
Permit Code: Not reported
FIPS Plant: Not reported
Contact Code: Not reported
Days From Start: Not reported
Days From Completion: Not reported
Number of Days: Not reported
Organization Formal Name: Not reported
Affiliation Type Code: Not reported
Facility Category Code: Not reported
Facility Site Status Code: Not reported
Facility Site Status Code Year: Not reported
Facility Site Comment: Not reported
NAICS Code: Not reported
Supplemental Location Text: Not reported
Latitude: Not reported
Longitude: Not reported

Year: Not reported
Name: BOTHWELL REGIONAL HEALTH CENTER
Address: 601 E 14TH ST
City,State,Zip: SEDALIA, MO
Facility ID: EX36600030006
Start Review Date: Not reported
Program ID: Not reported
Complete Date: Not reported
Country: Not reported
Permit Number: 0494-004
Step Name: AP: Permit Issued
Permitee Name: AP: Sec 5 & 6: Deminimis and Minor
SA Description: Not reported
Locator X: 601 E 14TH ST
Expiration Date: Not reported
Received Submittal Date: Not reported
Description: Not reported
Contact Name: Not reported
Cons Name: Not reported
Port Cnty: Not reported
Permit Code: Not reported
FIPS Plant: Not reported
Contact Code: Not reported
Days From Start: Not reported
Days From Completion: Not reported
Number of Days: Not reported
Organization Formal Name: Not reported
Affiliation Type Code: Not reported
Facility Category Code: Not reported

BOTHWELL REGIONAL HEALTH CENTER (Continued) **U001829501**

Facility Site Status Code: Not reported
Facility Site Status Code Year: Not reported
Facility Site Comment: Not reported
NAICS Code: Not reported
Supplemental Location Text: Not reported
Latitude: Not reported
Longitude: Not reported

Year: Not reported
Name: BOTHWELL REGIONAL HEALTH CENTER
Address: 601 E 14TH ST
City,State,Zip: SEDALIA, MO
Facility ID: EX36600030005
Start Review Date: Not reported
Program ID: Not reported
Complete Date: Not reported
Country: Not reported
Permit Number: 0485-005
Step Name: AP: Permit Issued
Permitee Name: AP: Sec 5 & 6: Deminimis and Minor
SA Description: Not reported
Locator X: 601 E 14TH ST
Expiration Date: Not reported
Received Submittal Date: Not reported
Description: shenandoah incinerator
Contact Name: Not reported
Cons Name: Not reported
Port Cnty: Not reported
Permit Code: Not reported
FIPS Plant: Not reported
Contact Code: Not reported
Days From Start: Not reported
Days From Completion: Not reported
Number of Days: Not reported
Organization Formal Name: Not reported
Affiliation Type Code: Not reported
Facility Category Code: Not reported
Facility Site Status Code: Not reported
Facility Site Status Code Year: Not reported
Facility Site Comment: Not reported
NAICS Code: Not reported
Supplemental Location Text: Not reported
Latitude: Not reported
Longitude: Not reported

Year: Not reported
Name: BOTHWELL REGIONAL HEALTH CENTER
Address: 601 E 14TH ST
City,State,Zip: SEDALIA, MO
Facility ID: EX36600030007
Start Review Date: Not reported
Program ID: Not reported
Complete Date: Not reported
Country: Not reported
Permit Number: 0595-026
Step Name: AP: Permit Issued
Permitee Name: AP: Sec 5 & 6: Deminimis and Minor

BOTHWELL REGIONAL HEALTH CENTER (Continued) **U001829501**

SA Description: Not reported
Locator X: 601 E 14TH ST
Expiration Date: Not reported
Received Submittal Date: Not reported
Description: Boiler and generator
Contact Name: Not reported
Cons Name: Not reported
Port Cnty: Not reported
Permit Code: Not reported
FIPS Plant: Not reported
Contact Code: Not reported
Days From Start: Not reported
Days From Completion: Not reported
Number of Days: Not reported
Organization Formal Name: Not reported
Affiliation Type Code: Not reported
Facility Category Code: Not reported
Facility Site Status Code: Not reported
Facility Site Status Code Year: Not reported
Facility Site Comment: Not reported
NAICS Code: Not reported
Supplemental Location Text: Not reported
Latitude: Not reported
Longitude: Not reported

Year: Not reported
Name: BOTHWELL REGIONAL HEALTH CENTER
Address: 601 E 14TH ST
City,State,Zip: SEDALIA, MO
Facility ID: AP200705032
Start Review Date: Not reported
Program ID: Not reported
Complete Date: Not reported
Country: Not reported
Permit Number: OP
Step Name: AP: Amendment Approved
Permitee Name: AOP: Basic Operating Permit Amendment
SA Description: Not reported
Locator X: 601 E 14TH ST
Expiration Date: Not reported
Received Submittal Date: Not reported
Description: Responsible official
Contact Name: Not reported
Cons Name: Not reported
Port Cnty: Not reported
Permit Code: Not reported
FIPS Plant: Not reported
Contact Code: Not reported
Days From Start: Not reported
Days From Completion: Not reported
Number of Days: Not reported
Organization Formal Name: Not reported
Affiliation Type Code: Not reported
Facility Category Code: Not reported
Facility Site Status Code: Not reported
Facility Site Status Code Year: Not reported
Facility Site Comment: Not reported

BOTHWELL REGIONAL HEALTH CENTER (Continued) **U001829501**

NAICS Code: Not reported
Supplemental Location Text: Not reported
Latitude: Not reported
Longitude: Not reported

Year: Not reported
Name: BOTHWELL REGIONAL HEALTH CENTER
Address: 601 E 14TH ST
City,State,Zip: SEDALIA, MO
Facility ID: EX199803066
Start Review Date: Not reported
Program ID: Not reported
Complete Date: Not reported
Country: Not reported
Permit Number: 0698-005
Step Name: AP: Section 5 Permit Issued
Permitee Name: AP: Sec 5 & 6: Deminimis and Minor
SA Description: Not reported
Locator X: 601 E 14TH ST
Expiration Date: Not reported
Received Submittal Date: Not reported
Description: oil fired emergency generator
Contact Name: Not reported
Cons Name: Not reported
Port Cnty: Not reported
Permit Code: Not reported
FIPS Plant: Not reported
Contact Code: Not reported
Days From Start: Not reported
Days From Completion: Not reported
Number of Days: Not reported
Organization Formal Name: Not reported
Affiliation Type Code: Not reported
Facility Category Code: Not reported
Facility Site Status Code: Not reported
Facility Site Status Code Year: Not reported
Facility Site Comment: Not reported
NAICS Code: Not reported
Supplemental Location Text: Not reported
Latitude: Not reported
Longitude: Not reported

Year: Not reported
Name: BOTHWELL REGIONAL HEALTH CENTER
Address: 601 E 14TH ST
City,State,Zip: SEDALIA, MO
Facility ID: AP200111007
Start Review Date: Not reported
Program ID: Not reported
Complete Date: Not reported
Country: Not reported
Permit Number: 022002-003
Step Name: AP: Section 5 Permit Issued
Permitee Name: AP: Sec 5 & 6: Deminimis and Minor
SA Description: Not reported
Locator X: 601 E 14TH ST
Expiration Date: Not reported

BOTHWELL REGIONAL HEALTH CENTER (Continued) **U001829501**

Received Submittal Date: Not reported
Description: Two 10.5MMBth generators
Contact Name: Not reported
Cons Name: Not reported
Port Cnty: Not reported
Permit Code: Not reported
FIPS Plant: Not reported
Contact Code: Not reported
Days From Start: Not reported
Days From Completion: Not reported
Number of Days: Not reported
Organization Formal Name: Not reported
Affiliation Type Code: Not reported
Facility Category Code: Not reported
Facility Site Status Code: Not reported
Facility Site Status Code Year: Not reported
Facility Site Comment: Not reported
NAICS Code: Not reported
Supplemental Location Text: Not reported
Latitude: Not reported
Longitude: Not reported

Year: Not reported
Name: BOTHWELL REGIONAL HEALTH CENTER
Address: 601 E 14TH ST
City,State,Zip: SEDALIA, MO
Facility ID: AP200202007
Start Review Date: Not reported
Program ID: Not reported
Complete Date: Not reported
Country: Not reported
Permit Number: OP
Step Name: AP: Closed out, per policy
Permitee Name: AOP: Basic Operating Permit Renewal
SA Description: Not reported
Locator X: 601 E 14TH ST
Expiration Date: Not reported
Received Submittal Date: Not reported
Description: Hospital
Contact Name: Not reported
Cons Name: Not reported
Port Cnty: Not reported
Permit Code: Not reported
FIPS Plant: Not reported
Contact Code: Not reported
Days From Start: Not reported
Days From Completion: Not reported
Number of Days: Not reported
Organization Formal Name: Not reported
Affiliation Type Code: Not reported
Facility Category Code: Not reported
Facility Site Status Code: Not reported
Facility Site Status Code Year: Not reported
Facility Site Comment: Not reported
NAICS Code: Not reported
Supplemental Location Text: Not reported
Latitude: Not reported

BOTHWELL REGIONAL HEALTH CENTER (Continued) **U001829501**

Longitude: Not reported

ASBESTOS:
Name: BOTHWELL REGIONAL MEDICAL CENTER, PENTHOUSE MECH RM
Address: 601 E 14TH ST
City,State,Zip: SEDALIA, MO 65301
Permit Number: 3562
Paid: Not reported
Postmark/Email Date: Not reported
Operation Type: A
Contractor Name: Gerken Environmental Enterprises, Inc.
Regional Office: Not reported
Owner: Not reported
Owner Address: Not reported
Owner City: Not reported
Owner State: Not reported
Owner Zip: Not reported
Square Feet: Not reported
Linear Feet: Not reported
Cubic Feet: Not reported
Asbestos Type: 245lf TSI & pipe fitting insulation
Present Use: Not reported
Prior Use: Not reported
Start Date: 04/23/2021
End Date: 04/24/2021
Post Date: Not reported
Start Time: Not reported
End Time: Not reported
Disposal Site: Not reported
Contact Person: Jose Romero
Review Date: Not reported
Post Complete: Not reported
Contractor Phone: (417) 863-7254
Contractor Registration Number: Not reported
Notification Date: 04/20/2021
Inspection Date: Not reported
Inspection Invoice: Not reported
Demo Date Recieved: Not reported
Asbestos Quantity: Not reported
Total Days: Not reported
Receive Date: Not reported
Invoice Date: Not reported
Project Type: Not reported
Comments: Not reported
Amendments: Not reported

Fiel Name: Asbestos_Courtesy_Notifications
Latitude: Not reported
Longitude: Not reported

39
NNE
1/4-1/2
0.346 mi.
1828 ft.

UNION PACIFIC RAILROAD MICROWAVE TO
W SALINE ST
SEDALIA, MO 65301

MO UST **U003981104**
MO LUST **N/A**

Relative:
Lower

Actual:
897 ft.

LUST:

Name:	UNION PACIFIC RAILROAD MICROWAVE TO
Address:	W SALINE ST
City,State,Zip:	SEDALIA, MO 65301
Facility ID:	ST5800673
Region:	KC - Kansas City Regional Office
Lat/Long (dms):	Not reported
Spill Number:	Not reported
Release Date:	02/17/1990
Release Type:	UNDERGROUND STORAGE TANK
Date Cleanup Started:	07/22/1991
Date Cleanup Finished:	03/30/1994
Expedited:	No
Expedited Date:	Not reported
Expenditures From The American Recovery and Reinvestment Act of 2009:	No
Reopened Date:	Not reported
Number Of Remediation Monitoring Wells:	0
Active:	No
Date Of NFA Letter From DNR:	**Not reported**
Date Record Meets Archive Criteria:	Not reported
Remediation ID:	R004603
Rank:	Not reported
Emergeny Response Date:	Not reported
Emergency Cleanup Start:	Not reported
Referred To DGLS for Investigation:	Not reported
Contractor Performing Clean Up:	Not reported
RBCA NFA:	No
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
General Comments:	UST REMOVAL.

UST:

Facility ID:	ST5800673
Region:	KC
Easting:	480877.650
Northing:	4284707.59
Owner Of Geospatial Data:	Hazardous Waste Program
Geospatial Data Collected By:	BENSON, J
Date GIS Data Collected:	Not reported
Lat/Long:	38.7113679 / -93.218744
Lat/Long (dms):	Not reported

Tanks:

Owner:

Owner ID:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported

UNION PACIFIC RAILROAD MICROWAVE TO (Continued) **U003981104**

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
Code for Tank Material Manufacturer: Not reported
Code for Tank Installer: 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 Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: Not reported
Date Tank Permanently Closed/ Removed: Not reported
Dt Tk Exp Brought InUse/Internal Tracking: 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
Date Record Added: Not reported
Date Record Edited: Not reported
Person Adding/Editing Record: Not reported
Date Of NFA Letter: Not reported
Is Tank Used For Emergency Generator: Not reported
Date Closure Notice Received: Not reported
Date Of Aprroval Letter: Not reported
Firm Closing Tank: Not reported
Date Closure Report Received: Not reported
Registration End Date: Not reported
LockOut Flag: Not reported
Comments: Not reported

Tank Aug 2011:
Facility Id: ST5800673
Tank Id: Not reported
Site Usage: Not reported
Risk Type: Not reported
Soil Type: Not reported
GW Flow: Not reported
Offsite Impact: Not reported

UNION PACIFIC RAILROAD MICROWAVE TO (Continued) **U003981104**

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
Surface Cap:	Not reported
No Excavation:	Not reported

L40 **FORMER STAR PETROLEUM** **UST FINDER RELEASE** **1028476956**
ESE **1201 E BROADWAY** **UST FINDER** **N/A**
1/4-1/2 **SEDALIA, MO 65301**
0.394 mi.
2081 ft. **Site 1 of 2 in cluster L**

Relative: **Lower**
Actual: **900 ft.**

UST FINDER:

Object ID:	266064
Facility ID:	MOST0021650
Name:	FORMER STAR PETROLEUM
Address:	1201 E BROADWAY
City,State,Zip:	SEDALIA, MO 65301
Address Match Type:	Not reported
Open USTs:	0
Closed USTs:	5
TOS USTs:	0
Population 1500ft:	1169
Private Wells 1500ft:	0
Within 100yr Floodplain:	No
Land Use:	Developed, Medium Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	No
WHPA PWS Facility ID:	Not reported
WHPA Water Type:	Not reported
WHPA Facility Type:	Not reported
WHPA HUC12:	Not reported
Facility Status:	Closed UST(s)
Date of Last Inspection:	Not reported
EPA Region:	7
Tribe:	Not reported
Coordinate Source:	State
X Coord:	-93.21345
Y Coord:	38.7037040000001
Latitude:	38.703704
Longitude:	-93.21345

UST FINDER:

Object ID:	954167
Facility ID:	MOST0021650
Tank ID:	MO40144
Tank Status:	Closed
Installation Date:	Not reported
Removal Date:	Not reported

FORMER STAR PETROLEUM (Continued) **1028476956**

Tank Capacity: 4000
Substances: Gasoline, Including Blends
Tank Wall Type: Single

Object ID: 954168
Facility ID: MOST0021650
Tank ID: MO40145
Tank Status: Closed
Installation Date: Not reported
Removal Date: Not reported
Tank Capacity: 4000
Substances: Gasoline, Including Blends
Tank Wall Type: Single

Object ID: 954169
Facility ID: MOST0021650
Tank ID: MO40146
Tank Status: Closed
Installation Date: Not reported
Removal Date: Not reported
Tank Capacity: 4000
Substances: Gasoline, Including Blends
Tank Wall Type: Single

Object ID: 954197
Facility ID: MOST0021650
Tank ID: MO40281
Tank Status: Closed
Installation Date: Not reported
Removal Date: Not reported
Tank Capacity: 4000
Substances: Gasoline, Including Blends
Tank Wall Type: Single

Object ID: 954198
Facility ID: MOST0021650
Tank ID: MO40282
Tank Status: Closed
Installation Date: Not reported
Removal Date: Not reported
Tank Capacity: 8000
Substances: Gasoline, Including Blends
Tank Wall Type: Single

UST FINDER RELEASE:
Object ID: 12723
Facility ID: MOST0021650
Lust ID: MOR008291
Name: FORMER STAR PETROLEUM
Address: 1201 E BROADWAY
City,State,Zip: SEDALIA, MO 65301
Address Match Type: Not reported
Reported Date: 2008/10/14 15:59:59+00
Status: No Further Action
Substance: Not reported
Population within 1500ft: 1169

FORMER STAR PETROLEUM (Continued) **1028476956**

Domestic Wells within 1500ft: 0
Land Use: Developed, Medium Intensity
Within SPA: No
SPA PWS Facility ID: Not reported
SPA Water Type: Not reported
SPA Facility Type: Not reported
SPA HUC12: Not reported
Within WHPA: No
WHPA PWS Facility ID: Not reported
WHPA Water Type: Not reported
WHPA Facility Type: Not reported
WHPA HUC12: Not reported
Within 100yr Floodplain: No
Tribe: Not reported
EPA Region: 7
NFA Letter 1: Not reported
NFA Letter 2: Not reported
NFA Letter 3: Not reported
NFA Letter 4: Not reported
Closed With Residual Contaminate: Not reported
Coordinate Source: State
X Coord: -93.2134599999999
Y Coord: 38.7037100000001
Latitude: 38.70371
Longitude: -93.2134599999999

L41 **FORMER STAR PETROLEUM** **MO UST** **U004125425**
ESE **1201 E BROADWAY** **MO LUST** **N/A**
1/4-1/2 **SEDALIA, MO 65301**
0.394 mi.
2081 ft. **Site 2 of 2 in cluster L**

Relative: LUST:
Lower
Actual: Name: FORMER STAR PETROLEUM
900 ft. Address: 1201 E BROADWAY
City,State,Zip: SEDALIA, MO 65301
Facility ID: ST0021650
Region: KC - Kansas City Regional Office
Lat/Long (dms): Not reported
Spill Number: Not reported
Release Date: 10/14/2008
Release Type: UNDERGROUND STORAGE TANK
Date Cleanup Started: 10/14/2008
Date Cleanup Finished: 01/09/2009
Expedited: No
Expedited Date: Not reported
Expenditures From The American Recovery and Reinvestment Act of 2009: No
Reopened Date: Not reported
Number Of Remediation Monitoring Wells: 0
Active: No
Date Of NFA Letter From DNR: 2009-01-15 00:00:00
Date Record Meets Archive Criteria: Not reported
Remediation ID: R008291
Rank: Not reported
Emergeny Response Date: Not reported
Emergency Cleanup Start: Not reported
Referred To DGLS for Investigation: Not reported
Contractor Performing Clean Up: 254

FORMER STAR PETROLEUM (Continued) **U004125425**

RBCA NFA: Yes
Project Manager: 3
Next Correspondence/Update With Fac: Not reported
Date Added: 03/13/2009
Date Record Edited: 03/06/2013
Person Adding Or Editing Record: COON, ADAM
Facility Sent To State Archive: Not reported
Date Remediation Unit Closed The File: Not reported
Site Affectd By Funding Level From PSTIF: Not reported
General Comments: **********THERE IS NO PHYSICAL FILE ASSOCIATED WITH THIS RELEASE NUMBER. THIS RELEASE WAS ONLY OPENED TO DOCUMENT THE CLOSURE OF THE TANKS AT THIS SITE.*******

UST:
Facility ID: ST0021650
Region: KC
Easting: 481466.484
Northing: 4283952.03
Owner Of Geospatial Data: Hazardous Waste Program
Geospatial Data Collected By: RANGEN, K
Date GIS Data Collected: 01/25/2022
Lat/Long: Not reported
Lat/Long (dms): Not reported

Tanks:

Owner:
Owner ID: OW21309
Owner Name: CLARK TIRE CO INC
Owner Address: P O BOX 34
Owner City,St,Zip: VERSAILLES, MO 65084
Owner County Code: Not reported
Owner Phone: 7362333
Mail Was Not Deliverable: No
Is Owner Active?: No
Date Registration Received: 2008-08-07 00:00:00
Date Record Added: 2008-08-13 00:00:00
Date Record Edited: 2008-08-13 00:00:00
Name of Person Editing Record: MASCHLER, H.

Tank ID: 1
Tank Double Wall: Not reported
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: Not reported
Date Tank Installed: Not reported
Tank Material: Steel
Code for Tank Material Manufacturer: Not reported
Code for Tank Installer: 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 Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 01/01/1985

FORMER STAR PETROLEUM (Continued) **U004125425**

Date Tank Permanently Closed/ Removed: Not reported
Dt Tk Exp Brought InUse/Internal Tracking: Not reported
Tank Fees Waived: Not reported
Expedite Closure On Tank?: Not reported
Responsible Person Expediting Closure: CB
Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported
Date Administratively Closed: Not reported
Date Record Added: 08/13/2008
Date Record Edited: 01/20/2009
Person Adding/Editing Record: BOTTOMLEY, B
Date Of NFA Letter: 01/15/2009
Is Tank Used For Emergency Generator: Not reported
Date Closure Notice Received: 08/11/2008
Date Of Aprroval Letter: 08/13/2008
Firm Closing Tank: Leigh Environmental
Date Closure Report Received: 12/10/2008
Registration End Date: Not reported
LockOut Flag: No
Comments: The Missouri Department of Natural Resources Hazardous Waste Program, Tanks Section, has reviewed the Missouri Risk-Based Corrective Action (MRBCA) closure report dated December 10, 2008, submitted by Leigh Environmental for the above referenced facility. The closure report evaluated risks to human health and the environment resulting from a possible petroleum release from the tank system during its operation and summarized corrective actions taken to address those risks. The closure report indicates Leigh Environmental adequately evaluated these risks and the closure requirements for the tank listed above, using MRBCA default target levels. 1/9/09 BB

Tank Compartment:
Tanks Use: False
Compartment No: 1
Tank Compartment PK: 40328
Tank PK: 40144
Case Number: Not reported
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 4000
Substance: Gasoline, Including Blends
Substance Other: Not reported
Hazardous Substance: Not reported
Mixture: False
Date of Last Use: Not reported
Pipe Installation Date: Not reported
Pipe System: 0
Pipe Material: 1
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Date: Not reported
Pipe Double Wall: 0
Spill Protection: False

Owner:
Owner ID: OW21309
Owner Name: CLARK TIRE CO INC

FORMER STAR PETROLEUM (Continued) **U004125425**

Owner Address: P O BOX 34
Owner City,St,Zip: VERSAILLES, MO 65084
Owner County Code: Not reported
Owner Phone: 7362333
Mail Was Not Deliverable: No
Is Owner Active?: No
Date Registration Received: 2008-08-07 00:00:00
Date Record Added: 2008-08-13 00:00:00
Date Record Edited: 2008-08-13 00:00:00
Name of Person Editing Record: MASCHLER, H.

Tank ID: 2
Tank Double Wall: Not reported
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: Not reported
Date Tank Installed: Not reported
Tank Material: Steel
Code for Tank Material Manufacturer: Not reported
Code for Tank Installer: 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 Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 01/01/1985
Date Tank Permanently Closed/ Removed: Not reported
Dt Tk Exp Brought InUse/Internal Tracking: Not reported
Tank Fees Waived: Not reported
Expedite Closure On Tank?: Not reported
Responsible Person Expediting Closure: CB
Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported
Date Administratively Closed: Not reported
Date Record Added: 08/13/2008
Date Record Edited: 01/20/2009
Person Adding/Editing Record: BOTTOMLEY, B
Date Of NFA Letter: 01/15/2009
Is Tank Used For Emergency Generator: Not reported
Date Closure Notice Received: 08/11/2008
Date Of Aprroval Letter: 08/13/2008
Firm Closing Tank: Leigh Environmental
Date Closure Report Received: 12/10/2008
Registration End Date: Not reported
LockOut Flag: No
Comments: The Missouri Department of Natural Resources Hazardous Waste Program, Tanks Section, has reviewed the Missouri Risk-Based Corrective Action (MRBCA) closure report dated December 10, 2008, submitted by Leigh Environmental for the above referenced facility. The closure report evaluated risks to human health and the environment resulting from a possible petroleum release from the tank system during its operation and summarized corrective actions taken to address those risks. The closure report indicates Leigh Environmental adequately evaluated these risks and the closure requirements for the tank listed above,

FORMER STAR PETROLEUM (Continued) **U004125425**

using MRBCA default target levels. 1/9/09 BB

Tank Compartment:
Tanks Use: False
Compartment No: 1
Tank Compartment PK: 40329
Tank PK: 40145
Case Number: Not reported
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 4000
Substance: Gasoline, Including Blends
Substance Other: Not reported
Hazardous Substance: Not reported
Mixture: False
Date of Last Use: Not reported
Pipe Installation Date: Not reported
Pipe System: 0
Pipe Material: 1
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Date: Not reported
Pipe Double Wall: 0
Spill Protection: False

Owner:
Owner ID: OW21309
Owner Name: CLARK TIRE CO INC
Owner Address: P O BOX 34
Owner City,St,Zip: VERSAILLES, MO 65084
Owner County Code: Not reported
Owner Phone: 7362333
Mail Was Not Deliverable: No
Is Owner Active?: No
Date Registration Received: 2008-08-07 00:00:00
Date Record Added: 2008-08-13 00:00:00
Date Record Edited: 2008-08-13 00:00:00
Name of Person Editing Record: MASCHLER, H.

Tank ID: 3
Tank Double Wall: Not reported
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: Not reported
Date Tank Installed: Not reported
Tank Material: Steel
Code for Tank Material Manufacturer: Not reported
Code for Tank Installer: 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 Extrn Protec: Not reported
Tank External Protec Date: Not reported

FORMER STAR PETROLEUM (Continued) **U004125425**

Date Tank Last Used: 01/01/1985
Date Tank Permanently Closed/ Removed: Not reported
Dt Tk Exp Brought InUse/Internal Tracking: Not reported
Tank Fees Waived: Not reported
Expedite Closure On Tank?: Not reported
Responsible Person Expediting Closure: CB
Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported
Date Administratively Closed: Not reported
Date Record Added: 08/13/2008
Date Record Edited: 01/20/2009
Person Adding/Editing Record: BOTTOMLEY, B
Date Of NFA Letter: 01/15/2009
Is Tank Used For Emergency Generator: Not reported
Date Closure Notice Received: 08/11/2008
Date Of Aprroval Letter: 08/13/2008
Firm Closing Tank: Leigh Environmental
Date Closure Report Received: 12/10/2008
Registration End Date: Not reported
LockOut Flag: No
Comments: The Missouri Department of Natural Resources Hazardous Waste Program, Tanks Section, has reviewed the Missouri Risk-Based Corrective Action (MRBCA) closure report dated December 10, 2008, submitted by Leigh Environmental for the above referenced facility. The closure report evaluated risks to human health and the environment resulting from a possible petroleum release from the tank system during its operation and summarized corrective actions taken to address those risks. The closure report indicates Leigh Environmental adequately evaluated these risks and the closure requirements for the tank listed above, using MRBCA default target levels. 1/9/09 BB

Tank Compartment:
Tanks Use: False
Compartment No: 1
Tank Compartment PK: 40330
Tank PK: 40146
Case Number: Not reported
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 4000
Substance: Gasoline, Including Blends
Substance Other: Not reported
Hazardous Substance: Not reported
Mixture: False
Date of Last Use: Not reported
Pipe Installation Date: Not reported
Pipe System: 0
Pipe Material: 1
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Date: Not reported
Pipe Double Wall: 0
Spill Protection: False

Owner:
Owner ID: OW21309

FORMER STAR PETROLEUM (Continued) **U004125425**

Owner Name: CLARK TIRE CO INC
Owner Address: P O BOX 34
Owner City,St,Zip: VERSAILLES, MO 65084
Owner County Code: Not reported
Owner Phone: 7362333
Mail Was Not Deliverable: No
Is Owner Active?: No
Date Registration Received: 2008-08-07 00:00:00
Date Record Added: 2008-08-13 00:00:00
Date Record Edited: 2008-08-13 00:00:00
Name of Person Editing Record: MASCHLER, H.

Tank ID: 4
Tank Double Wall: Not reported
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: Not reported
Date Tank Installed: Not reported
Tank Material: Steel
Code for Tank Material Manufacturer: Not reported
Code for Tank Installer: 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 Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 01/01/1985
Date Tank Permanently Closed/ Removed: Not reported
Dt Tk Exp Brought InUse/Internal Tracking: Not reported
Tank Fees Waived: Not reported
Expedite Closure On Tank?: Not reported
Responsible Person Expediting Closure: CB
Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported
Date Administratively Closed: Not reported
Date Record Added: 01/09/2009
Date Record Edited: 01/20/2009
Person Adding/Editing Record: BOTTOMLEY, B
Date Of NFA Letter: 01/15/2009
Is Tank Used For Emergency Generator: Not reported
Date Closure Notice Received: Not reported
Date Of Aprroval Letter: Not reported
Firm Closing Tank: Leigh Environmental
Date Closure Report Received: 12/10/2008
Registration End Date: Not reported
LockOut Flag: No
Comments: The Missouri Department of Natural Resources Hazardous Waste Program, Tanks Section, has reviewed the Missouri Risk-Based Corrective Action (MRBCA) closure report dated December 10, 2008, submitted by Leigh Environmental for the above referenced facility. The closure report evaluated risks to human health and the environment resulting from a possible petroleum release from the tank system during its operation and summarized corrective actions taken to address those risks. The closure report indicates Leigh Environmental adequately evaluated

FORMER STAR PETROLEUM (Continued) **U004125425**

these risks and the closure requirements for the tank listed above, using MRBCA default target levels. 1/9/09 BB

Tank Compartment:
Tanks Use: False
Compartment No: 1
Tank Compartment PK: 40527
Tank PK: 40281
Case Number: Not reported
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 4000
Substance: Gasoline, Including Blends
Substance Other: Not reported
Hazardous Substance: Not reported
Mixture: False
Date of Last Use: 1985-01-01 00:00:00
Pipe Installation Date: Not reported
Pipe System: Not reported
Pipe Material: 0
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Date: Not reported
Pipe Double Wall: 0
Spill Protection: False

Owner:
Owner ID: OW21309
Owner Name: CLARK TIRE CO INC
Owner Address: P O BOX 34
Owner City,St,Zip: VERSAILLES, MO 65084
Owner County Code: Not reported
Owner Phone: 7362333
Mail Was Not Deliverable: No
Is Owner Active?: No
Date Registration Received: 2008-08-07 00:00:00
Date Record Added: 2008-08-13 00:00:00
Date Record Edited: 2008-08-13 00:00:00
Name of Person Editing Record: MASCHLER, H.

Tank ID: 5
Tank Double Wall: Not reported
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: Not reported
Date Tank Installed: Not reported
Tank Material: Steel
Code for Tank Material Manufacturer: Not reported
Code for Tank Installer: 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 Extrn Protec: Not reported

FORMER STAR PETROLEUM (Continued) **U004125425**

Tank External Protec Date: Not reported
Date Tank Last Used: 01/01/1985
Date Tank Permanently Closed/ Removed: Not reported
Dt Tk Exp Brought InUse/Internal Tracking: Not reported
Tank Fees Waived: Not reported
Expedite Closure On Tank?: Not reported
Responsible Person Expediting Closure: CB
Temporary Status Verified Date: Not reported
Admin Fee 585: Not reported
Date Administratively Closed: Not reported
Date Record Added: 01/09/2009
Date Record Edited: 01/20/2009
Person Adding/Editing Record: BOTTOMLEY, B
Date Of NFA Letter: 01/15/2009
Is Tank Used For Emergency Generator: Not reported
Date Closure Notice Received: Not reported
Date Of Aprroval Letter: Not reported
Firm Closing Tank: Leigh Environmental
Date Closure Report Received: 12/10/2008
Registration End Date: Not reported
LockOut Flag: No
Comments: The Missouri Department of Natural Resources Hazardous Waste Program, Tanks Section, has reviewed the Missouri Risk-Based Corrective Action (MRBCA) closure report dated December 10, 2008, submitted by Leigh Environmental for the above referenced facility. The closure report evaluated risks to human health and the environment resulting from a possible petroleum release from the tank system during its operation and summarized corrective actions taken to address those risks. The closure report indicates Leigh Environmental adequately evaluated these risks and the closure requirements for the tank listed above, using MRBCA default target levels. 1/9/09 BB

Tank Compartment:
Tanks Use: False
Compartment No: 1
Tank Compartment PK: 40528
Tank PK: 40282
Case Number: Not reported
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 8000
Substance: Gasoline, Including Blends
Substance Other: Not reported
Hazardous Substance: Not reported
Mixture: False
Date of Last Use: 1985-01-01 00:00:00
Pipe Installation Date: Not reported
Pipe System: Not reported
Pipe Material: 0
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Date: Not reported
Pipe Double Wall: 0
Spill Protection: False

Tank Aug 2011:

FORMER STAR PETROLEUM (Continued) **U004125425**

Facility Id:	ST0021650
Tank Id:	5
Site Usage:	Not reported
Risk Type:	6
Soil Type:	77
GW Flow:	Not reported
Offsite Impact:	Not reported
Free Product:	Not reported
Drinking Water:	Not reported
Closed Under:	Not reported
No Drinking Wells:	No
No Buildings:	No
Vapor Barrier:	0
St Louis Mo:	No
Special Well Area:	No
Surface Cap:	No
No Excavation:	No

Facility Id:	ST0021650
Tank Id:	4
Site Usage:	Not reported
Risk Type:	6
Soil Type:	77
GW Flow:	Not reported
Offsite Impact:	Not reported
Free Product:	Not reported
Drinking Water:	Not reported
Closed Under:	Not reported
No Drinking Wells:	No
No Buildings:	No
Vapor Barrier:	0
St Louis Mo:	No
Special Well Area:	No
Surface Cap:	No
No Excavation:	No

Facility Id:	ST0021650
Tank Id:	2
Site Usage:	Not reported
Risk Type:	6
Soil Type:	77
GW Flow:	Not reported
Offsite Impact:	Not reported
Free Product:	Not reported
Drinking Water:	Not reported
Closed Under:	Not reported
No Drinking Wells:	No
No Buildings:	No
Vapor Barrier:	0
St Louis Mo:	No
Special Well Area:	No
Surface Cap:	No
No Excavation:	No

Facility Id:	ST0021650
Tank Id:	3
Site Usage:	Not reported

FORMER STAR PETROLEUM (Continued) **U004125425**

Risk Type:	6
Soil Type:	77
GW Flow:	Not reported
Offsite Impact:	Not reported
Free Product:	Not reported
Drinking Water:	Not reported
Closed Under:	Not reported
No Drinking Wells:	No
No Buildings:	No
Vapor Barrier:	0
St Louis Mo:	No
Special Well Area:	No
Surface Cap:	No
No Excavation:	No

Facility Id:	ST0021650
Tank Id:	1
Site Usage:	Not reported
Risk Type:	6
Soil Type:	77
GW Flow:	Not reported
Offsite Impact:	Not reported
Free Product:	Not reported
Drinking Water:	Not reported
Closed Under:	Not reported
No Drinking Wells:	No
No Buildings:	No
Vapor Barrier:	0
St Louis Mo:	No
Special Well Area:	No
Surface Cap:	No
No Excavation:	No

42
WSW
1/4-1/2
0.418 mi.
2205 ft.

SOUTHERN STAR CENTRAL GAS PIPELINE INC.-NORTHERN A **MO VCP S118557547**
W 11TH STREET & S KENTUCKY STREET **MO SMARS N/A**
SEDALIA, MO 65301

Relative:
Lower

Actual:
897 ft.

VCP:

Name:	SOUTHERN STAR CENTRAL GAS PIPELINE INC.-NORTHERN AREA SITE
Address:	W 11TH STREET & S KENTUCKY STREET
City,State,Zip:	SEDALIA, MO 65301
Northing:	4283738
Easting:	479938
Facility Status:	Inactive/Withdrawn
Activity Use:	Not reported
Manager:	Jennifer Surber
Cert. of completion issued:	Not reported
Application Received:	7/16/2007
State Funded:	Not reported
Federal Funded:	Not reported
Acreage:	.002
Operable Unit:	Sedelia T.B.
Site Description:	Site Is no longer owned or controlled by SSCGP. Will not be included in Certificate of Completion for the site.-The Southern Star Central Gas Pipeline Inc. -Northern Area Site consists of 39 small natural gas pipeline meter or compressor stations. Up until the 1980s the

SOUTHERN STAR CENTRAL GAS PIPELINE INC.-NORTHERN AREA SITE (Continued) **S118557547**

meters and compressors used mercury to monitor gas flow. Mercury may have been released to soil during maintenance operations at each station.

Contaminant: Metals

SMARS:
Name: SOUTHERN STAR CENTRAL GAS PIPELINE INC.-NORTHERN AREA SITE
Address: W 11TH STREET & S KENTUCKY STREET
City,State,Zip: SEDALIA, MO 65301
SM Number: 11795
CERCLIS: Not reported
Ownership: VCP
Superfund Ownership: No
Voluntary Cleanup Ownership: Yes
Federal Facilities Ownership: No
Permits Ownership: No
NPL Date: Not reported
Tank Site Identification #: Not reported
Tank Remediation #: No
Registry: No
Site Code: Not reported
Other Site Code: Not reported

M43 **SEDALIA FMGP #2** **EDR MGP** **1008407833**
West **BROADWAY ST. AND MONITEAU ST.** **N/A**
1/4-1/2 **SEDALIA, MO 65301**
0.427 mi.
2254 ft. **Site 1 of 2 in cluster M**

Relative: Higher
Actual: 911 ft.

EDR MGP:
No additional information available

M44 **SEDALIA FMGP #2** **MO SMARS** **S112443813**
West **BROADWAY ST. & MONITEAU ST.** **N/A**
1/4-1/2 **SEDALIA, MO 65301**
0.431 mi.
2276 ft. **Site 2 of 2 in cluster M**

Relative: Higher
Actual: 911 ft.

SMARS:
Name: SEDALIA FMGP #2
Address: BROADWAY ST. & MONITEAU ST.
City,State,Zip: SEDALIA, MO 65301
SM Number: 10373
CERCLIS: MOD985768761
Ownership: Superfund
Superfund Ownership: No
Voluntary Cleanup Ownership: No
Federal Facilities Ownership: No
Permits Ownership: No
NPL Date: Not reported
Tank Site Identification #: Not reported
Tank Remediation #: No
Registry: No
Site Code: Not reported

SEDALIA FMGP #2 (Continued) **S112443813**

Other Site Code: Not reported

45
NW
1/4-1/2
0.447 mi.
2358 ft.

UNION PACIFIC RAILROAD **MO UST** **U003980632**
N KENTUCKY AND W PACIFIC **MO LUST** **N/A**
SEDALIA, MO 65301

Relative:
Lower

Actual:
893 ft.

LUST:

Name:	UNION PACIFIC RAILROAD
Address:	N KENTUCKY AND W PACIFIC
City,State,Zip:	SEDALIA, MO 65301
Facility ID:	ST5700206
Region:	KC - Kansas City Regional Office
Lat/Long (dms):	Not reported
Spill Number:	Not reported
Release Date:	11/20/1990
Release Type:	UNDERGROUND STORAGE TANK
Date Cleanup Started:	12/06/1990
Date Cleanup Finished:	05/13/1993
Expedited:	No
Expedited Date:	Not reported
Expenditures From The American Recovery and Reinvestment Act of 2009:	No
Reopened Date:	Not reported
Number Of Remediation Monitoring Wells:	0
Active:	No
Date Of NFA Letter From DNR:	**1993-05-17 00:00:00**
Date Record Meets Archive Criteria:	Not reported
Remediation ID:	R002066
Rank:	Not reported
Emergeny Response Date:	Not reported
Emergency Cleanup Start:	Not reported
Referred To DGLS for Investigation:	Not reported
Contractor Performing Clean Up:	Not reported
RBCA NFA:	No
Project Manager:	L
Next Correspondence/Update With Fac:	Not reported
Date Added:	06/30/1995
Date Record Edited:	02/08/2024
Person Adding Or Editing Record:	CHAPMAN, P
Facility Sent To State Archive:	Yes
Date Remediation Unit Closed The File:	Not reported
Site Affectd By Funding Level From PSTIF:	No
General Comments:	NFA date from LTS scanned doc

UST:

Facility ID:	ST5700206
Region:	KC
Easting:	480069.549
Northing:	4284837.30
Owner Of Geospatial Data:	Hazardous Waste Program
Geospatial Data Collected By:	CON_Fortin,Joel
Date GIS Data Collected:	02/26/2014
Lat/Long:	38.7114 / -93.22814
Lat/Long (dms):	Not reported

Tanks:

UNION PACIFIC RAILROAD (Continued) **U003980632**

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
Code for Tank Material Manufacturer: Not reported
Code for Tank Installer: 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 Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: Not reported
Date Tank Permanently Closed/ Removed: Not reported
Dt Tk Exp Brought InUse/Internal Tracking: 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
Date Record Added: Not reported
Date Record Edited: Not reported
Person Adding/Editing Record: Not reported
Date Of NFA Letter: Not reported
Is Tank Used For Emergency Generator: Not reported
Date Closure Notice Received: Not reported
Date Of Aprroval Letter: Not reported
Firm Closing Tank: Not reported
Date Closure Report Received: Not reported
Registration End Date: Not reported
LockOut Flag: Not reported
Comments: Not reported

Tank Aug 2011:
Facility Id: ST5700206
Tank Id: Not reported

UNION PACIFIC RAILROAD (Continued) **U003980632**

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:	Not reported
No Buildings:	Not reported
Vapor Barrier:	Not reported
St Louis Mo:	Not reported
Special Well Area:	Not reported
Surface Cap:	Not reported
No Excavation:	Not reported

N46 **UNION PACIFIC** **UST FINDER RELEASE** **1028469185**
NE **N ENGINEER AND W HOWARD** **UST FINDER** **N/A**
1/4-1/2 **SEDALIA, MO 65301**
0.454 mi.
2395 ft. **Site 1 of 2 in cluster N**

Relative: **Lower**
Actual: **903 ft.**

UST FINDER:

Object ID:	266175
Facility ID:	MOST0007077
Name:	UNION PACIFIC
Address:	N ENGINEER AND W HOWARD
City,State,Zip:	SEDALIA, MO 65301
Address Match Type:	Not reported
Open USTs:	0
Closed USTs:	3
TOS USTs:	0
Population 1500ft:	636
Private Wells 1500ft:	3
Within 100yr Floodplain:	No
Land Use:	Developed, Low Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	No
WHPA PWS Facility ID:	Not reported
WHPA Water Type:	Not reported
WHPA Facility Type:	Not reported
WHPA HUC12:	Not reported
Facility Status:	Closed UST(s)
Date of Last Inspection:	Not reported
EPA Region:	7
Tribe:	Not reported
Coordinate Source:	State
X Coord:	-93.2141
Y Coord:	38.7095
Latitude:	38.7095
Longitude:	-93.2141

UST FINDER:

Object ID:	944399

UNION PACIFIC (Continued) **1028469185**

Facility ID: MOST0007077
Tank ID: MO17883
Tank Status: Closed
Installation Date: Not reported
Removal Date: Not reported
Tank Capacity: 984
Substances: Gasoline, Including Blends
Tank Wall Type: Single

Object ID: 944400
Facility ID: MOST0007077
Tank ID: MO17882
Tank Status: Closed
Installation Date: Not reported
Removal Date: Not reported
Tank Capacity: 500
Substances: Used Oil
Tank Wall Type: Single

Object ID: 944401
Facility ID: MOST0007077
Tank ID: MO17881
Tank Status: Closed
Installation Date: Not reported
Removal Date: Not reported
Tank Capacity: 560
Substances: Gasoline, Including Blends
Tank Wall Type: Single

UST FINDER RELEASE:
Object ID: 12720
Facility ID: MOST0007077
Lust ID: MOR002031
Name: UNION PACIFIC
Address: N ENGINEER AND W HOWARD
City,State,Zip: SEDALIA, MO 65301
Address Match Type: Not reported
Reported Date: 1990/11/27 15:59:59+00
Status: No Further Action
Substance: Not reported
Population within 1500ft: 634
Domestic Wells within 1500ft: 3
Land Use: Developed, Low Intensity
Within SPA: No
SPA PWS Facility ID: Not reported
SPA Water Type: Not reported
SPA Facility Type: Not reported
SPA HUC12: Not reported
Within WHPA: No
WHPA PWS Facility ID: Not reported
WHPA Water Type: Not reported
WHPA Facility Type: Not reported
WHPA HUC12: Not reported
Within 100yr Floodplain: No
Tribe: Not reported
EPA Region: 7

UNION PACIFIC (Continued) **1028469185**

NFA Letter 1: Not reported
NFA Letter 2: Not reported
NFA Letter 3: Not reported
NFA Letter 4: Not reported
Closed With Residual Contaminate: Not reported
Coordinate Source: State
X Coord: -93.2141099999999
Y Coord: 38.7095100000001
Latitude: 38.70951
Longitude: -93.21411

N47 **UNION PACIFIC** **MO UST** **U001162736**
NE **N ENGINEER AND W HOWARD** **MO LUST** **N/A**
1/4-1/2 **SEDALIA, MO 65301**
0.454 mi.
2395 ft. **Site 2 of 2 in cluster N**

Relative: **Lower**
Actual: **903 ft.**

LUST:
Name: UNION PACIFIC
Address: N ENGINEER AND W HOWARD
City,State,Zip: SEDALIA, MO 65301
Facility ID: ST0007077
Region: KC - Kansas City Regional Office
Lat/Long (dms): Not reported
Spill Number: Not reported
Release Date: 11/27/1990
Release Type: UNDERGROUND STORAGE TANK
Date Cleanup Started: 11/27/1990
Date Cleanup Finished: 10/04/1993
Expedited: No
Expedited Date: Not reported
Expenditures From The American Recovery and Reinvestment Act of 2009: No
Reopened Date: Not reported
Number Of Remediation Monitoring Wells: 0
Active: No
Date Of NFA Letter From DNR: 1993-10-06 00:00:00
Date Record Meets Archive Criteria: Not reported
Remediation ID: R002031
Rank: Not reported
Emergeny Response Date: Not reported
Emergency Cleanup Start: Not reported
Referred To DGLS for Investigation: Not reported
Contractor Performing Clean Up: Not reported
RBCA NFA: No
Project Manager: L
Next Correspondence/Update With Fac: Not reported
Date Added: 06/30/1995
Date Record Edited: 01/19/2024
Person Adding Or Editing Record: CHAPMAN, P
Facility Sent To State Archive: Yes
Date Remediation Unit Closed The File: Not reported
Site Affectd By Funding Level From PSTIF: No
General Comments: NFA date from LTS doc

UST:
Facility ID: ST0007077
Region: KC

UNION PACIFIC (Continued) **U001162736**

Easting: 481385.126
Northing: 4284562.04
Owner Of Geospatial Data: Hazardous Waste Program
Geospatial Data Collected By: CARES
Date GIS Data Collected: 04/11/2000
Lat/Long: 38.7095 / -93.2141
Lat/Long (dms): Not reported

Tanks:

Owner:
Owner ID: OW10395
Owner Name: UNION PACIFIC RAILROAD CO
Owner Address: 1416 DODGE STREET ROOM 930
Owner City,St,Zip: OMAHA, NE 68179
Owner County Code: 67
Owner Phone: 2713248
Mail Was Not Deliverable: No
Is Owner Active?: No
Date Registration Received: Not reported
Date Record Added: 1995-06-30 00:00:00
Date Record Edited: 1998-11-23 00:00:00
Name of Person Editing Record: NRESSD

Tank ID: 1
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: Not reported
Date Tank Installed: Not reported
Tank Material: Steel
Code for Tank Material Manufacturer: Not reported
Code for Tank Installer: 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 Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 10/06/1993
Date Tank Permanently Closed/ Removed: 10/06/1993
Dt Tk Exp Brought InUse/Internal Tracking: 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
Date Record Added: 06/30/1995
Date Record Edited: Not reported
Person Adding/Editing Record: Not reported
Date Of NFA Letter: 10/06/1993
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: 08/16/1991
Date Of Aprroval Letter: 10/06/1993
Firm Closing Tank: USPCI

UNION PACIFIC (Continued) **U001162736**

Date Closure Report Received: Not reported
Registration End Date: Not reported
LockOut Flag: No
Comments: 2-600 GAL GAS, 1-1000 GAL GAS

Tank Compartment:
Tanks Use: False
Compartment No: 1
Tank Compartment PK: 17881
Tank PK: 17881
Case Number: Not reported
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 560
Substance: Gasoline, Including Blends
Substance Other: Not reported
Hazardous Substance: Not reported
Mixture: False
Date of Last Use: 1993-10-06 00:00:00
Pipe Installation Date: Not reported
Pipe System: Not reported
Pipe Material: 0
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Date: Not reported
Pipe Double Wall: 0
Spill Protection: False

Owner:
Owner ID: OW10395
Owner Name: UNION PACIFIC RAILROAD CO
Owner Address: 1416 DODGE STREET ROOM 930
Owner City,St,Zip: OMAHA, NE 68179
Owner County Code: 67
Owner Phone: 2713248
Mail Was Not Deliverable: No
Is Owner Active?: No
Date Registration Received: Not reported
Date Record Added: 1995-06-30 00:00:00
Date Record Edited: 1998-11-23 00:00:00
Name of Person Editing Record: NRESSD

Tank ID: 2
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: Not reported
Date Tank Installed: Not reported
Tank Material: Steel
Code for Tank Material Manufacturer: Not reported
Code for Tank Installer: 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

UNION PACIFIC (Continued) **U001162736**

Tank External Protection: Not reported
Other Type Tank Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 10/06/1993
Date Tank Permanently Closed/ Removed: 10/06/1993
Dt Tk Exp Brought InUse/Internal Tracking: 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
Date Record Added: 06/30/1995
Date Record Edited: Not reported
Person Adding/Editing Record: Not reported
Date Of NFA Letter: 10/06/1993
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: 08/16/1991
Date Of Aprroval Letter: 10/06/1993
Firm Closing Tank: USPCI
Date Closure Report Received: Not reported
Registration End Date: Not reported
LockOut Flag: No
Comments: 2-600 GAL GAS, 1-1000 GAL GAS

Tank Compartment:
Tanks Use: False
Compartment No: 1
Tank Compartment PK: 17882
Tank PK: 17882
Case Number: Not reported
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 500
Substance: Used Oil
Substance Other: Not reported
Hazardous Substance: Not reported
Mixture: False
Date of Last Use: 1993-10-06 00:00:00
Pipe Installation Date: Not reported
Pipe System: 4
Pipe Material: 0
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Date: Not reported
Pipe Double Wall: 0
Spill Protection: False

Owner:
Owner ID: OW10395
Owner Name: UNION PACIFIC RAILROAD CO
Owner Address: 1416 DODGE STREET ROOM 930
Owner City,St,Zip: OMAHA, NE 68179
Owner County Code: 67
Owner Phone: 2713248
Mail Was Not Deliverable: No

UNION PACIFIC (Continued) **U001162736**

Is Owner Active?: No
Date Registration Received: Not reported
Date Record Added: 1995-06-30 00:00:00
Date Record Edited: 1998-11-23 00:00:00
Name of Person Editing Record: NRESSD

Tank ID: 3
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: Not reported
Date Tank Installed: Not reported
Tank Material: Steel
Code for Tank Material Manufacturer: Not reported
Code for Tank Installer: 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 Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 10/06/1993
Date Tank Permanently Closed/ Removed: 10/06/1993
Dt Tk Exp Brought InUse/Internal Tracking: 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
Date Record Added: 06/30/1995
Date Record Edited: Not reported
Person Adding/Editing Record: Not reported
Date Of NFA Letter: 10/06/1993
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: 08/16/1991
Date Of Aprroval Letter: 10/06/1993
Firm Closing Tank: USPCI
Date Closure Report Received: Not reported
Registration End Date: Not reported
LockOut Flag: No
Comments: 2-600 GAL GAS, 1-1000 GAL GAS

Tank Compartment:
Tanks Use: False
Compartment No: 1
Tank Compartment PK: 17883
Tank PK: 17883
Case Number: Not reported
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 984
Substance: Gasoline, Including Blends
Substance Other: Not reported
Hazardous Substance: Not reported
Mixture: False

UNION PACIFIC (Continued) **U001162736**

Date of Last Use: 1993-10-06 00:00:00
Pipe Installation Date: Not reported
Pipe System: Not reported
Pipe Material: 0
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Date: Not reported
Pipe Double Wall: 0
Spill Protection: False

Tank Aug 2011:
Facility Id: ST0007077
Tank Id: 2
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: No
No Buildings: No
Vapor Barrier: 0
St Louis Mo: No
Special Well Area: No
Surface Cap: No
No Excavation: No

Facility Id: ST0007077
Tank Id: 3
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: No
No Buildings: No
Vapor Barrier: 0
St Louis Mo: No
Special Well Area: No
Surface Cap: No
No Excavation: No

Facility Id: ST0007077
Tank Id: 1
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

UNION PACIFIC (Continued) **U001162736**

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

O48 **CHARLES CARSON SERVICE** **MO UST** **U004129255**
South **16TH ST AND INGRAM** **MO LUST** **N/A**
1/4-1/2 **SEDALIA, MO 65301**
0.481 mi.
2540 ft. **Site 1 of 2 in cluster O**

Relative: **Lower**

Actual: **895 ft.**

LUST:
Name: CHARLES CARSON SERVICE
Address: 16TH ST AND INGRAM
City,State,Zip: SEDALIA, MO 65301
Facility ID: ST0006449
Region: KC - Kansas City Regional Office
Lat/Long (dms): 38 41 49 / 93 13 22
Spill Number: Not reported
Release Date: 02/03/1999
Release Type: UNDERGROUND STORAGE TANK
Date Cleanup Started: 02/03/1999
Date Cleanup Finished: Not reported
Expedited: No
Expedited Date: Not reported
Expenditures From The American Recovery and Reinvestment Act of 2009: No
Reopened Date: Not reported
Number Of Remediation Monitoring Wells: 0
Active: Yes
Date Of NFA Letter From DNR: Not reported
Date Record Meets Archive Criteria: Not reported
Remediation ID: R006417
Rank: 58
Emergeny Response Date: Not reported
Emergency Cleanup Start: Not reported
Referred To DGLS for Investigation: 3
Contractor Performing Clean Up: Not reported
RBCA NFA: No
Project Manager: MA
Next Correspondence/Update With Fac: 09/07/2024
Date Added: 05/26/1999
Date Record Edited: 08/16/2024
Person Adding Or Editing Record: MASCHLER, H.
Facility Sent To State Archive: No
Date Remediation Unit Closed The File: Not reported
Site Affectd By Funding Level From PSTIF: No
General Comments: 2/3/99. Contamination found during JCRO inspection. 5/26/99. requested response to release. 5/13/01 kk Rev file. Sent 2nd release req. 1/27/02 MAS: NOV 10.034, 10.071, 10.072, 10.060-10.066 4/3/02 MAS: Rec'd phone call from Mr. Windsor, who was retained by Mr. Shultz (O/O), to discuss the site. He asked about what steps would be appropriate to take and told him that the RO had identified FP and contam. The FP needs to be recovered and

CHARLES CARSON SERVICE (Continued) **U004129255**

contamination needs to be delineated. He asked that if he took steps to review the file and begin to sell the O/O on the need to perform the work if that would be a good start. I told him that I would work with him in order to get the contaminatio>n addressed in a timely manner and if I didn't get what I needed within a resonable time frame, 3-6 months, then I will have no choice but to refer this case to enforcement. 5/14/02 MAS: Referred site to enforcement. 7/11/02 MAS: Rec'd phone call from Mr. Windsor indicating that they were going to do a soil gas survey with a PID in the tank pits and pump island areas to determine if there is a indication of contamination in these areas. 7/30/02 MAS: Rec'd phone call from Mr. Dowdy, JCRO inspector, who visited the site. Site still dirty, gas smell in a hole he pocked in the tank pit and evidence of free product was observed on the probe. While talking to locals he found out that there is a strong push by the owner to sell the property. Mr. Dowdy doesn';t want to see anyone get stuck with this property and offered his assistance. This site has been of particular interest to Mr. Dowdy and would like to see this one resolved. NOTE: KEEP HIM IN THE LOOP. 12/16/06 jj rev. file - asking Tim for guidance. 12/18/06: TC - Enforcement action pending. Hold off until decision re enforcement made. 3/2/15 JK--sent e-mail to Mike martin for update; Paul Schulltz file bankruptcy, site needs to be on abandoned site list. 6/5/15 JK--spoke with adjacent property ownwrs on phone; current property owner received site via death of previous owner; going to let go may be for sale or at courthouse step sale; told her to call PSTIF about eligibility and speak to attorney about liability. We consider site to be abandoned, unsure of current contamination levels at site. 5/17/2018 AS Current owner Shultz Realty Inc. 900 Paris Road PO Box Z Waynesville MO 65583 9/11/2018 AS sent 1st 2018 letter 1/7/2019 AS sent 2nd 2018 letter 7/3/2019 AS sent 3rd 2018 letter 10/24/2019 AS sent 4th 2018 letter 4/1/2020 AS called owner, left vm 5/27/2020 AS need to review file and start C&P 9/1/2020 AS called owner, left vm 11/17/2020 AS verified current owner with assessor. The address for the site is 1600 S. Ingram. The current owner is the City of Sedalia 573-827-3000. Spoke to public works director Brenda Ardry, she directed me to Calvin Shaw, city administrator. Left message for Calvin Shaw. 2/22/2021 AS sent 1st 2018 letter to: Calvin Shaw, City Administrator Sedalia City Hall 200 South Osage Avenue Sedalia MO 65301 3/17/2021 AS spoke to Brenda Ardry 660-851-7635. Apparently it isn't clear who actually owns the site, the city or the county. She is going to look into ownership, PSTIF, etc. and will be in touch with updates. 7/19/2021 AS spoke to Brenda Ardry. Waiting on info from PSTIF. Said they would remediate if money was available. Sent to LL to see if can be added to Grant List for 2022. Check back in 1 month. 1/24/22 HLM Spoke with Brenda Ardry and she stated it is still unclear who owns property. City or County. She said Vince had been at the site recently with ESP. Spoke with Vince and he said he was there on 1/20/22 with ESP. ESP installed several soil borings and are waiting on results. It is anticipated permanent wells

CHARLES CARSON SERVICE (Continued) **U004129255**

will be required. LL is working with ESP to find a solution regarding permanent wells. 3/30/23 HLM Ken Hannon (ESP) sent work plan over email. 9/14/23 HLM LL suggested set tracking out 6 months. 10/2/23 HLM Results of Sample Analyses sent over by lab. 4-8-24-VH-sent results of april 2023 lab analysis to city administrator.
4-25-24-VH-received email from: Christopher R. Davies, P.E. City Engineer City of Sedalia Cell: 208-305-6837 Email: cdavies@sedalia.com City owns the property and are working with PSTIF to deterimine if they want to take over the claim. Dept sent costs of ESP investigation to PSTIf to see what was eligible but the spreadsheet was not detailed enough, Ken Koon requested clarification from budget and planning. 8/16/24 HLM Sent email to Lori at PSTIF to see if deductible has been met.

UST:

Facility ID:	ST0006449
Region:	KC
Easting:	480604.620
Northing:	4283189.69
Owner Of Geospatial Data:	Not reported
Geospatial Data Collected By:	INT_STEINBECK,Eli
Date GIS Data Collected:	08/06/2014
Lat/Long:	38.69747 / -93.22314
Lat/Long (dms):	38 41 49 / 93 13 22

Tanks:

Owner:

Owner ID:	OW04905
Owner Name:	OAKWOOD OIL COMPANY/TERRY SCHULTZ
Owner Address:	PO BOX Z
Owner City,St,Zip:	WAYNESVILLE, MO 65583
Owner County Code:	169
Owner Phone:	3363922
Mail Was Not Deliverable:	No
Is Owner Active?:	No
Date Registration Received:	Not reported
Date Record Added:	1995-06-30 00:00:00
Date Record Edited:	2022-05-23 00:00:00
Name of Person Editing Record:	BERVE, TRISHA

Tank ID:	1
Tank Double Wall:	0
Tank Type:	Below Ground
Tank Status:	**Removed**
Meet 98 Update Requirements:	Not reported
Date Tank Installed:	01/01/1985
Tank Material:	Steel
Code for Tank Material Manufacturer:	Not reported
Code for Tank Installer:	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

CHARLES CARSON SERVICE (Continued) **U004129255**

Other Type Tank Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: Not reported
Date Tank Permanently Closed/ Removed: 03/01/1998
Dt Tk Exp Brought InUse/Internal Tracking: 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
Date Record Added: 06/30/1995
Date Record Edited: 09/25/1998
Person Adding/Editing Record: NR$VIETS
Date Of NFA Letter: 03/01/1998
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: 04/30/1998
Date Of Aprroval Letter: 01/01/1985
Firm Closing Tank: PAUL SCHULTZ
Date Closure Report Received: Not reported
Registration End Date: Not reported
LockOut Flag: No
Comments: Not reported

Tank Compartment:
Tanks Use: False
Compartment No: 1
Tank Compartment PK: 16163
Tank PK: 16163
Case Number: Not reported
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 1000
Substance: Gasoline, Including Blends
Substance Other: Not reported
Hazardous Substance: Not reported
Mixture: False
Date of Last Use: Not reported
Pipe Installation Date: Not reported
Pipe System: Not reported
Pipe Material: 1
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Date: Not reported
Pipe Double Wall: 0
Spill Protection: False

Owner:
Owner ID: OW04905
Owner Name: OAKWOOD OIL COMPANY/TERRY SCHULTZ
Owner Address: PO BOX Z
Owner City,St,Zip: WAYNESVILLE, MO 65583
Owner County Code: 169
Owner Phone: 3363922
Mail Was Not Deliverable: No
Is Owner Active?: No

CHARLES CARSON SERVICE (Continued) **U004129255**

Date Registration Received: Not reported
Date Record Added: 1995-06-30 00:00:00
Date Record Edited: 2022-05-23 00:00:00
Name of Person Editing Record: BERVE, TRISHA

Tank ID: 2
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: Not reported
Date Tank Installed: 01/01/1966
Tank Material: Steel
Code for Tank Material Manufacturer: Not reported
Code for Tank Installer: 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 Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: Not reported
Date Tank Permanently Closed/ Removed: 03/01/1998
Dt Tk Exp Brought InUse/Internal Tracking: 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
Date Record Added: 06/30/1995
Date Record Edited: 09/25/1998
Person Adding/Editing Record: NR$VIETS
Date Of NFA Letter: 03/01/1998
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: 04/30/1998
Date Of Aprroval Letter: 01/01/1985
Firm Closing Tank: PAUL SCHULTZ
Date Closure Report Received: Not reported
Registration End Date: Not reported
LockOut Flag: No
Comments: Not reported

Tank Compartment:
Tanks Use: False
Compartment No: 1
Tank Compartment PK: 16164
Tank PK: 16164
Case Number: Not reported
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 1000
Substance: Gasoline, Including Blends
Substance Other: Not reported
Hazardous Substance: Not reported
Mixture: False
Date of Last Use: Not reported

CHARLES CARSON SERVICE (Continued) **U004129255**

Pipe Installation Date: Not reported
Pipe System: Not reported
Pipe Material: 1
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Date: Not reported
Pipe Double Wall: 0
Spill Protection: False

Owner:
Owner ID: OW04905
Owner Name: OAKWOOD OIL COMPANY/TERRY SCHULTZ
Owner Address: PO BOX Z
Owner City,St,Zip: WAYNESVILLE, MO 65583
Owner County Code: 169
Owner Phone: 3363922
Mail Was Not Deliverable: No
Is Owner Active?: No
Date Registration Received: Not reported
Date Record Added: 1995-06-30 00:00:00
Date Record Edited: 2022-05-23 00:00:00
Name of Person Editing Record: BERVE, TRISHA

Tank ID: 3
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Permanently Closed in place
Meet 98 Update Requirements: Not reported
Date Tank Installed: 01/01/1966
Tank Material: Steel
Code for Tank Material Manufacturer: Not reported
Code for Tank Installer: 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 Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 01/01/1985
Date Tank Permanently Closed/ Removed: 01/01/1985
Dt Tk Exp Brought InUse/Internal Tracking: 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
Date Record Added: 06/30/1995
Date Record Edited: 10/15/2003
Person Adding/Editing Record: PURVIS, K
Date Of NFA Letter: 01/01/1985
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: 04/30/1998
Date Of Aprroval Letter: 01/01/1985

CHARLES CARSON SERVICE (Continued) **U004129255**

Firm Closing Tank: PAUL SCHULTZ
Date Closure Report Received: Not reported
Registration End Date: Not reported
LockOut Flag: No
Comments: Not reported

Tank Compartment:
Tanks Use: False
Compartment No: 1
Tank Compartment PK: 16165
Tank PK: 16165
Case Number: Not reported
Compartment Status: Permanently Closed in place
Compartment Temp Verified Dt: Not reported
Capacity: 500
Substance: Unspecified Petroleum
Substance Other: Not reported
Hazardous Substance: Not reported
Mixture: False
Date of Last Use: 1985-01-01 00:00:00
Pipe Installation Date: Not reported
Pipe System: Not reported
Pipe Material: 1
Pipe Material Other: Not reported
Pipe Protection: Not reported
Pipe Protection Date: Not reported
Pipe Double Wall: 0
Spill Protection: False

Tank Aug 2011:
Facility Id: ST0006449
Tank Id: 1
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: No
No Buildings: No
Vapor Barrier: 0
St Louis Mo: No
Special Well Area: No
Surface Cap: No
No Excavation: No

Facility Id: ST0006449
Tank Id: 2
Site Usage: Not reported
Risk Type: Not reported
Soil Type: Not reported
GW Flow: Not reported
Offsite Impact: Not reported
Free Product: Not reported

CHARLES CARSON SERVICE (Continued) **U004129255**

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

Facility Id:	ST0006449
Tank Id:	3
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:	No
No Buildings:	No
Vapor Barrier:	0
St Louis Mo:	No
Special Well Area:	No
Surface Cap:	No
No Excavation:	No

O49 **CHARLES CARSON SERVICE** **UST FINDER RELEASE** **1028468623**
South **16TH ST AND INGRAM** **UST FINDER** **N/A**
1/4-1/2 **SEDALIA, MO 65301**
0.481 mi.
2540 ft. **Site 2 of 2 in cluster O**

Relative: **Lower**

Actual: **895 ft.**

UST FINDER:

Object ID:	265952
Facility ID:	MOST0006449
Name:	CHARLES CARSON SERVICE
Address:	16TH ST AND INGRAM
City,State,Zip:	SEDALIA, MO 65301
Address Match Type:	Not reported
Open USTs:	0
Closed USTs:	3
TOS USTs:	0
Population 1500ft:	724
Private Wells 1500ft:	0
Within 100yr Floodplain:	No
Land Use:	Developed, Low Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	No
WHPA PWS Facility ID:	Not reported
WHPA Water Type:	Not reported
WHPA Facility Type:	Not reported
WHPA HUC12:	Not reported

CHARLES CARSON SERVICE (Continued) **1028468623**

Facility Status: Closed UST(s)
Date of Last Inspection: Not reported
EPA Region: 7
Tribe: Not reported
Coordinate Source: State
X Coord: -93.223039
Y Coord: 38.6971160000001
Latitude: 38.697116
Longitude: -93.223039

UST FINDER:
Object ID: 924838
Facility ID: MOST0006449
Tank ID: MO16163
Tank Status: Closed
Installation Date: 1985/01/01 16:00:00+00
Removal Date: Not reported
Tank Capacity: 1000
Substances: Gasoline, Including Blends
Tank Wall Type: Single

Object ID: 937450
Facility ID: MOST0006449
Tank ID: MO16164
Tank Status: Closed
Installation Date: 1966/01/01 16:00:01+00
Removal Date: Not reported
Tank Capacity: 1000
Substances: Gasoline, Including Blends
Tank Wall Type: Single

Object ID: 937451
Facility ID: MOST0006449
Tank ID: MO16165
Tank Status: Closed
Installation Date: 1966/01/01 16:00:01+00
Removal Date: Not reported
Tank Capacity: 500
Substances: Unspecified Petroleum
Tank Wall Type: Single

UST FINDER RELEASE:
Object ID: 12691
Facility ID: MOST0006449
Lust ID: MOR006417
Name: CHARLES CARSON SERVICE
Address: 16TH ST AND INGRAM
City,State,Zip: SEDALIA, MO 65301
Address Match Type: Not reported
Reported Date: 1999/02/03 15:59:59+00
Status: Open
Substance: Not reported
Population within 1500ft: 725
Domestic Wells within 1500ft: 0
Land Use: Developed, Low Intensity
Within SPA: No

CHARLES CARSON SERVICE (Continued) **1028468623**

SPA PWS Facility ID: Not reported
SPA Water Type: Not reported
SPA Facility Type: Not reported
SPA HUC12: Not reported
Within WHPA: No
WHPA PWS Facility ID: Not reported
WHPA Water Type: Not reported
WHPA Facility Type: Not reported
WHPA HUC12: Not reported
Within 100yr Floodplain: No
Tribe: Not reported
EPA Region: 7
NFA Letter 1: Not reported
NFA Letter 2: Not reported
NFA Letter 3: Not reported
NFA Letter 4: Not reported
Closed With Residual Contaminate: Not reported
Coordinate Source: State
X Coord: -93.2230499999999
Y Coord: 38.69712
Latitude: 38.6971199999999
Longitude: -93.22305

50
NW
1/2-1
0.576 mi.
3039 ft.

SEDALIA FMGP **EDR MGP** **1008407832**
NORTH MONITEAU AVE. AND BENTON ST. **N/A**
SEDALIA, MO 65301

Relative:
Lower

Actual:
882 ft.

EDR MGP:
No additional information available

Count: 2 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SEDALIA	1003877052	SEDALIA COAL GAS	SW CORNER OF BROADWAY & INGRAM	65301	SEMS-ARCHIVE
SEDALIA	U004448160	FORMER CITIES SERVICE OIL CO.	NW OF BROADWAY BLVD AND HANDCO	65301	MO LUST, MO 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

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

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

Date of Government Version: 12/19/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 19

Source: EPA
Telephone: N/A
Last EDR Contact: 02/03/2025
Next Scheduled EDR Contact: 04/07/2025
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: 12/19/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 19

Source: EPA
Telephone: N/A
Last EDR Contact: 02/03/2025
Next Scheduled EDR Contact: 04/07/2025
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

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

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

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 12/19/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 19

Source: EPA
Telephone: N/A
Last EDR Contact: 02/04/2025
Next Scheduled EDR Contact: 04/07/2025
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 11/20/2024
Date Data Arrived at EDR: 12/18/2024
Date Made Active in Reports: 12/20/2024
Number of Days to Update: 2

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 12/18/2024
Next Scheduled EDR Contact: 04/07/2025
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

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

Date of Government Version: 12/19/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 19

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 02/03/2025
Next Scheduled EDR Contact: 04/21/2025
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

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

Date of Government Version: 12/19/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 19

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 02/03/2025
Next Scheduled EDR Contact: 04/21/2025
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 80

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 913-551-7003
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 913-551-7003
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/31/2025
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: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 913-551-7003
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Quarterly

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

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

Date of Government Version: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 913-551-7003
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 07/15/2024
Date Data Arrived at EDR: 07/17/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 84

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 01/30/2025
Next Scheduled EDR Contact: 05/19/2025
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 11/04/2024
Date Data Arrived at EDR: 11/15/2024
Date Made Active in Reports: 02/11/2025
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/15/2024
Next Scheduled EDR Contact: 12/02/2024
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

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

Date of Government Version: 11/04/2024
Date Data Arrived at EDR: 11/15/2024
Date Made Active in Reports: 02/11/2025
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/15/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 06/11/2024
Date Data Arrived at EDR: 06/17/2024
Date Made Active in Reports: 09/04/2024
Number of Days to Update: 79

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 12/11/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

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: 08/29/2024
Date Data Arrived at EDR: 09/18/2024
Date Made Active in Reports: 12/05/2024
Number of Days to Update: 78

Source: Department of Natural Resources
Telephone: 573-751-1990
Last EDR Contact: 11/27/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Annually

HWS DETAIL: Registry Annual Report

Each site is described in detail in this annual report and includeds 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: 06/30/2023
Date Data Arrived at EDR: 02/29/2024
Date Made Active in Reports: 05/21/2024
Number of Days to Update: 82

Source: Department of Natural Resources
Telephone: 573-751-3176
Last EDR Contact: 11/22/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Annually

Lists of state and tribal landfills and solid waste disposal facilities

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: 11/18/2024
Date Data Arrived at EDR: 11/18/2024
Date Made Active in Reports: 02/03/2025
Number of Days to Update: 77

Source: Department of Natural Resources
Telephone: 573-751-5401
Last EDR Contact: 11/18/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Varies

Lists of state and tribal leaking storage tanks

LAST: Leaking Aboveground Storage Tanks

A listing of leaking aboveground storage tanks.

Date of Government Version: 09/03/2024
Date Data Arrived at EDR: 09/04/2024
Date Made Active in Reports: 11/14/2024
Number of Days to Update: 71

Source: Department of Natural Resources
Telephone: 573-751-6822
Last EDR Contact: 12/03/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/03/2024
Date Data Arrived at EDR: 09/04/2024
Date Made Active in Reports: 11/14/2024
Number of Days to Update: 71

Source: Department of Natural Resources
Telephone: 573-751-0135
Last EDR Contact: 12/03/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Quarterly

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: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
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: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/11/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

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

Date of Government Version: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

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

Date of Government Version: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 08/12/2024
Date Data Arrived at EDR: 10/30/2024
Date Made Active in Reports: 01/14/2025
Number of Days to Update: 76

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 12/23/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

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: 09/03/2024
Date Data Arrived at EDR: 09/04/2024
Date Made Active in Reports: 11/14/2024
Number of Days to Update: 71

Source: Department of Natural Resources
Telephone: 573-751-0135
Last EDR Contact: 12/03/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Quarterly

AST: Aboveground Petroleum Storage Tanks
Registered Aboveground Storage Tanks.

Date of Government Version: 11/21/2024
Date Data Arrived at EDR: 11/22/2024
Date Made Active in Reports: 02/13/2025
Number of Days to Update: 83

Source: Department of Agriculture
Telephone: 573-751-7062
Last EDR Contact: 11/19/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/11/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
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: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

TANKS: Underground Storage Tank Database
Storage tank sites

Date of Government Version: 09/03/2024
Date Data Arrived at EDR: 09/04/2024
Date Made Active in Reports: 11/14/2024
Number of Days to Update: 71
Source: Department of Natural Resources
Telephone: 573-526-2058
Last EDR Contact: 12/03/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

AUL: Sites with Controls
Activity and use limitations include both engineering controls and institutional controls.

Date of Government Version: 01/03/2025
Date Data Arrived at EDR: 01/31/2025
Date Made Active in Reports: 02/03/2025
Number of Days to Update: 3
Source: Department of Natural Resources
Telephone: 573-751-3176
Last EDR Contact: 01/31/2025
Next Scheduled EDR Contact: 05/19/2025
Data Release Frequency: Quarterly

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142
Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 12/10/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Varies

VCP: Sites Participating in the Voluntary Cleanup Program
Sites participating in the Voluntary Cleanup Program.

Date of Government Version: 01/03/2025
Date Data Arrived at EDR: 01/31/2025
Date Made Active in Reports: 02/03/2025
Number of Days to Update: 3
Source: Department of Natural Resources
Telephone: 573-526-8913
Last EDR Contact: 01/31/2025
Next Scheduled EDR Contact: 05/19/2025
Data Release Frequency: Quarterly

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27
Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BROWNFIELDS: Brownfields 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: 01/03/2025
Date Data Arrived at EDR: 01/31/2025
Date Made Active in Reports: 02/03/2025
Number of Days to Update: 3

Source: Department of Natural Resources
Telephone: 573-526-8913
Last EDR Contact: 01/31/2025
Next Scheduled EDR Contact: 05/19/2025
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 09/09/2024
Date Data Arrived at EDR: 09/11/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/24/2025
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

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
Date Data Arrived at EDR: 07/19/2006
Date Made Active in Reports: 08/18/2006
Number of Days to Update: 30

Source: Department of Natural Resources
Telephone: 573-751-5401
Last EDR Contact: 01/12/2009
Next Scheduled EDR Contact: 04/13/2009
Data Release Frequency: No Update Planned

SWRCY: Solid Waste Recycling Facilities

A listing of recycling center locations.

Date of Government Version: 11/20/2024
Date Data Arrived at EDR: 11/22/2024
Date Made Active in Reports: 02/13/2025
Number of Days to Update: 83

Source: Department of Natural Resources
Telephone: 573-526-3944
Last EDR Contact: 02/12/2025
Next Scheduled EDR Contact: 06/02/2025
Data Release Frequency: Varies

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

Location of open dumps on Indian land.

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

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Varies

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

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39
Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137
Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/23/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 02/07/2024
Date Data Arrived at EDR: 11/13/2024
Date Made Active in Reports: 11/19/2024
Number of Days to Update: 6
Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 12/09/2024
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

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

Date of Government Version: 05/20/2024
Date Data Arrived at EDR: 08/19/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 51
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/22/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: No Update Planned

CDL: Environmental Emergency Response System
Incidents reported to the Department of Natural Resources where drug lab materials were involved.

Date of Government Version: 06/03/2024
Date Data Arrived at EDR: 06/04/2024
Date Made Active in Reports: 06/07/2024
Number of Days to Update: 3
Source: Department of Natural Resources
Telephone: 573-751-3443
Last EDR Contact: 11/27/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Quarterly

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: 08/29/2024
Date Data Arrived at EDR: 09/18/2024
Date Made Active in Reports: 12/05/2024
Number of Days to Update: 78
Source: Department of Natural Resources
Telephone: 573-522-3710
Last EDR Contact: 11/27/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Annually

US CDL: Clandestine Drug Labs

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

Date of Government Version: 05/20/2024
Date Data Arrived at EDR: 08/19/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 51

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/22/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Quarterly

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: 12/19/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 19

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 02/03/2025
Next Scheduled EDR Contact: 04/07/2025
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 06/14/2024
Date Data Arrived at EDR: 06/17/2024
Date Made Active in Reports: 06/24/2024
Number of Days to Update: 7

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 12/11/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Quarterly

SPILLS: Environmental Response Tracking Database

Releases of hazardous substances reported to the department's Environmental Emergency Response (EER) section.

Date of Government Version: 06/03/2024
Date Data Arrived at EDR: 06/04/2024
Date Made Active in Reports: 06/07/2024
Number of Days to Update: 3

Source: Department of Natural Resources
Telephone: 573-526-3349
Last EDR Contact: 11/27/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/27/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

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

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

Date of Government Version: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 913-551-7003
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 10/01/2024
Date Data Arrived at EDR: 11/12/2024
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 70

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 02/11/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/07/2025
Next Scheduled EDR Contact: 04/21/2025
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 12/30/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/03/2025
Next Scheduled EDR Contact: 05/19/2025
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/20/2024
Number of Days to Update: 94

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA Watch List

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

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

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 01/27/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: No Update Planned

2020 COR ACTION: 2020 Corrective Action Program List

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

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

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 01/30/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 283

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/24/2025
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 11/13/2023
Date Made Active in Reports: 02/07/2024
Number of Days to Update: 86

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/11/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 10/15/2024
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 01/14/2025
Number of Days to Update: 90

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/15/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Annually

ROD: Records Of Decision

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

Date of Government Version: 10/24/2024
Date Data Arrived at EDR: 11/01/2024
Date Made Active in Reports: 11/19/2024
Number of Days to Update: 18

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 02/03/2025
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Annually

RMP: Risk Management Plans

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

Date of Government Version: 10/01/2024
Date Data Arrived at EDR: 10/23/2024
Date Made Active in Reports: 01/14/2025
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

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

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

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 02/03/2025
Next Scheduled EDR Contact: 05/12/2025
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: 07/01/2024
Date Data Arrived at EDR: 10/02/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 100

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/23/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Quarterly

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

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

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

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

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

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

Date of Government Version: 10/12/2024
Date Data Arrived at EDR: 10/17/2024
Date Made Active in Reports: 11/19/2024
Number of Days to Update: 33

Source: Nuclear Regulatory Commission
Telephone: 301-415-0717
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

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

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 01/14/2025
Number of Days to Update: 90

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 11/20/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

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

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 11/20/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 01/30/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Varies

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

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 12/17/2024
Next Scheduled EDR Contact: 04/07/2025
Data Release Frequency: Quarterly

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

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

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

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 10/04/2024
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 51
Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 09/30/2024
Date Data Arrived at EDR: 10/09/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 93

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 12/30/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

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

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

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 12/30/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

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

Date of Government Version: 03/03/2023
Date Data Arrived at EDR: 03/03/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 98

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 01/23/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 05/08/2024
Date Data Arrived at EDR: 08/14/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 14

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/06/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 12/19/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 19

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 02/03/2025
Next Scheduled EDR Contact: 04/07/2025
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

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

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

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

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

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

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

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

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

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

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

US MINES: Mines Master Index File

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

Date of Government Version: 11/01/2024
Date Data Arrived at EDR: 11/18/2024
Date Made Active in Reports: 02/11/2025
Number of Days to Update: 85

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/18/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

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

Date of Government Version: 10/01/2024
Date Data Arrived at EDR: 10/02/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 7

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

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

Date of Government Version: 05/02/2024
Date Data Arrived at EDR: 08/20/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 50

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/22/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US MINES 3: Active Mines & Mineral Plants Database Listing

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

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

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/22/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 98

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 11/22/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

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

Date of Government Version: 09/10/2024
Date Data Arrived at EDR: 09/11/2024
Date Made Active in Reports: 11/19/2024
Number of Days to Update: 69

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/10/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 08/13/2024
Date Data Arrived at EDR: 08/20/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 8

Source: EPA
Telephone: (913) 551-7003
Last EDR Contact: 11/20/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/06/2023
Date Data Arrived at EDR: 09/13/2023
Date Made Active in Reports: 12/11/2023
Number of Days to Update: 89

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 01/06/2025
Next Scheduled EDR Contact: 04/21/2025
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

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

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

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 02/12/2025
Next Scheduled EDR Contact: 06/02/2025
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 12/21/2024
Date Data Arrived at EDR: 12/27/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 12/27/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

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

Date of Government Version: 11/08/2024
Date Data Arrived at EDR: 11/08/2024
Date Made Active in Reports: 01/14/2025
Number of Days to Update: 67

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 02/13/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 12/13/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS PROJECT: NORTHEASTERN UNIVERSITY PFAS PROJECT

The PFAS Contamination Site Tracker records qualitative and quantitative data from each site in a chart, specifically examining discovery, contamination levels, government response, litigation, health impacts, media coverage, and community characteristics. All data presented in the chart were extracted from government websites, such as state health departments or the Environmental Protection Agency, and news articles.

Date of Government Version: 05/19/2023
Date Data Arrived at EDR: 04/05/2024
Date Made Active in Reports: 06/06/2024
Number of Days to Update: 62

Source: Social Science Environmental Health Research Institute
Telephone: N/A
Last EDR Contact: 12/05/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/14/2025
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS ECHO FIRE TRAIN: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facilitys name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS PT 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration?s document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-267-2675
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 12/16/2016
Date Data Arrived at EDR: 01/06/2017
Date Made Active in Reports: 03/10/2017
Number of Days to Update: 63

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 12/23/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: No Update Planned

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 12/23/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 10/13/2024
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 10/23/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-564-4700
Last EDR Contact: 01/14/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

UST FINDER RELEASE: UST Finder Releases Database

US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/31/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 79

Source: Environmental Protecton Agency
Telephone: 202-564-0394
Last EDR Contact: 02/06/2025
Next Scheduled EDR Contact: 05/19/2025
Data Release Frequency: Semi-Annually

UST FINDER: UST Finder Database

EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories . UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 106

Source: Environmental Protection Agency
Telephone: 202-564-0394
Last EDR Contact: 02/06/2025
Next Scheduled EDR Contact: 05/19/2025
Data Release Frequency: Varies

E MANIFEST: Hazardous Waste Electronic Manifest System

EPA established a national system for tracking hazardous waste shipments electronically. This system, known as ?e-Manifest,? will modernize the nation?s cradle-to-grave hazardous waste tracking process while saving valuable time, resources, and dollars for industry and states.

Date of Government Version: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/20/2024
Number of Days to Update: 94

Source: Environmental Protection Agency
Telephone: 833-501-6826
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Varies

PFAS: PFAS Detections

PFAS detection list

Date of Government Version: 07/02/2024
Date Data Arrived at EDR: 07/02/2024
Date Made Active in Reports: 07/18/2024
Number of Days to Update: 16

Source: Department of Natural Resources
Telephone: 517-751-9857
Last EDR Contact: 12/23/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

AIRS: Permit Facility Listing

A listing of Air Pollution Control Program permits.

Date of Government Version: 06/06/2024
Date Data Arrived at EDR: 06/06/2024
Date Made Active in Reports: 06/07/2024
Number of Days to Update: 1

Source: Department of Natural Resources
Telephone: 573-751-4817
Last EDR Contact: 11/27/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

ASBESTOS: Asbestos Notification Listing

The department requires notification of demolitions and abatement projects involving regulated structures at least 10 working days before crews begin a project.

Date of Government Version: 09/30/2024
Date Data Arrived at EDR: 10/01/2024
Date Made Active in Reports: 12/16/2024
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: 573-751-4817
Last EDR Contact: 12/30/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites

A listing of power plants with coal ash ponds.

Date of Government Version: 01/03/2018
Date Data Arrived at EDR: 02/01/2018
Date Made Active in Reports: 03/22/2018
Number of Days to Update: 49

Source: Department of Natural Resources
Telephone: 573-526-1825
Last EDR Contact: 12/17/2024
Next Scheduled EDR Contact: 04/07/2025
Data Release Frequency: No Update Planned

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: 08/27/2024
Date Data Arrived at EDR: 09/26/2024
Date Made Active in Reports: 12/18/2024
Number of Days to Update: 83

Source: Department of Natural Resources
Telephone: 573-526-8913
Last EDR Contact: 11/27/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FIN ASSURANCE 1: Financial Assurance Information Listing
Financial Assurance information.

Date of Government Version: 09/03/2024
Date Data Arrived at EDR: 09/18/2024
Date Made Active in Reports: 12/05/2024
Number of Days to Update: 78

Source: Department of Natural Resources
Telephone: 573-751-3553
Last EDR Contact: 11/19/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Annually

FIN ASSURANCE 2: Financial Assurance Information Listing
Financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay

Date of Government Version: 12/19/2022
Date Data Arrived at EDR: 02/28/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 78

Source: Department of Natural Resources
Telephone: 573-751-5401
Last EDR Contact: 11/27/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Quarterly

MINES: Industrial Mineral Mines Database
This data set contains names, locations and additional data for active Industrial Mineral Mines permitted with the Missouri Department of Natural Resources, Division of Environmental Quality, Land Reclamation Program. Industrial Mineral Mines permitted are rock quarries, clay pits, sand and gravel pits, or in-stream sand and gravel operations.

Date of Government Version: 04/30/2021
Date Data Arrived at EDR: 07/14/2021
Date Made Active in Reports: 10/07/2021
Number of Days to Update: 85

Source: Department of Natural Resources
Telephone: 573-751-4041
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/21/2025
Data Release Frequency: Varies

NPDES: Permitted Facility Listing
A listing of permitted facilities from the Water Pollution Branch.

Date of Government Version: 09/18/2024
Date Data Arrived at EDR: 10/22/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 80

Source: Department of Natural Resources
Telephone: 573-751-7023
Last EDR Contact: 12/17/2024
Next Scheduled EDR Contact: 04/07/2025
Data Release Frequency: Quarterly

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: 09/30/2020
Date Data Arrived at EDR: 10/06/2020
Date Made Active in Reports: 12/28/2020
Number of Days to Update: 83

Source: Department of Natural Resources
Telephone: 573-751-3176
Last EDR Contact: 11/27/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Annually

SMARS: Site Management and Reporting System
SMARS currently houses information for Superfund, Federal Facility, Brownfields Voluntary Cleanup Program and Missouri's other state response programs.

Date of Government Version: 10/08/2024
Date Data Arrived at EDR: 10/22/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 80

Source: Department of Natural Resources
Telephone: 573-751-3043
Last EDR Contact: 01/23/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Quarterly

UIC: Underground Injection Wells Database
A listing of underground injection well locations. The UIC Program is responsible for regulating the construction, operation, permitting, and closure of injection wells that place fluids underground for storage or disposal.

Date of Government Version: 08/12/2024
Date Data Arrived at EDR: 09/06/2024
Date Made Active in Reports: 11/14/2024
Number of Days to Update: 69

Source: Department of Natural Resources
Telephone: 573-368-2183
Last EDR Contact: 02/06/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Semi-Annually

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

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

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

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

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

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

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Natural Resources in Missouri.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/03/2014
Number of Days to Update: 186

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Natural Resources in Missouri.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/15/2014
Number of Days to Update: 198

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Natural Resources in Missouri.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/03/2014
Number of Days to Update: 186

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 11/04/2024
Date Data Arrived at EDR: 11/05/2024
Date Made Active in Reports: 01/27/2025
Number of Days to Update: 83

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/04/2025
Next Scheduled EDR Contact: 05/19/2025
Data Release Frequency: No Update Planned

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: 12/31/2019
Date Data Arrived at EDR: 11/30/2023
Date Made Active in Reports: 12/01/2023
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 01/23/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/06/2025
Next Scheduled EDR Contact: 04/21/2025
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/06/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 11/27/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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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 was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: National Wetland Inventory of Missouri
Source: Department of Natural Resources
Telephone: 573-751-5110

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

PROPOSED DEVELOPMENT - SEDALIA, MO
EAST BROADWAY BOULEVARD
SEDALIA, MO 65301

TARGET PROPERTY COORDINATES

Latitude (North):	38.705224 - 38° 42' 18.81''
Longitude (West):	93.221454 - 93° 13' 17.23''
Universal Tranverse Mercator:	Zone 15
UTM X (Meters):	480744.1
UTM Y (Meters):	4283882.0
Elevation:	906 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	24320675 SEDALIA EAST, MO
Version Date:	2021

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).

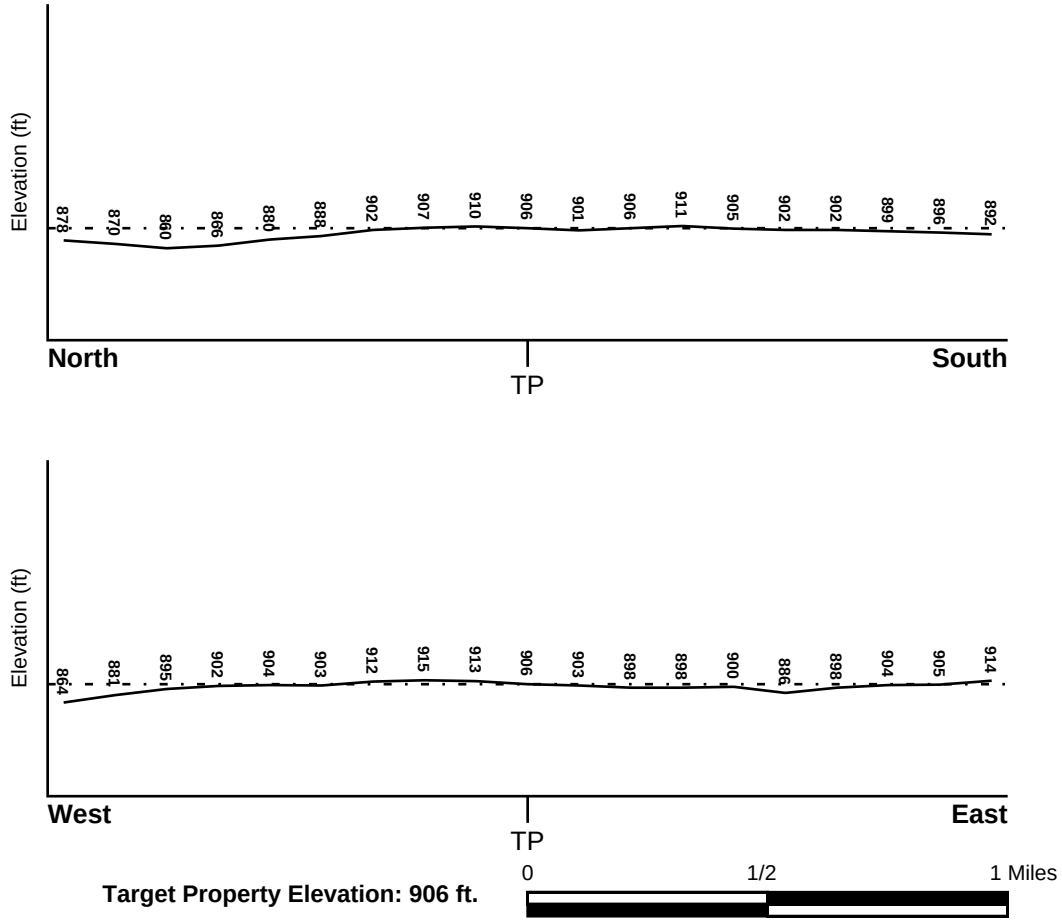
TOPOGRAPHIC INFORMATION

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 ESE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
Not Reported	

Additional Panels in search area:	FEMA Source Type
Not Reported	

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
SEDALIA EAST	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.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
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

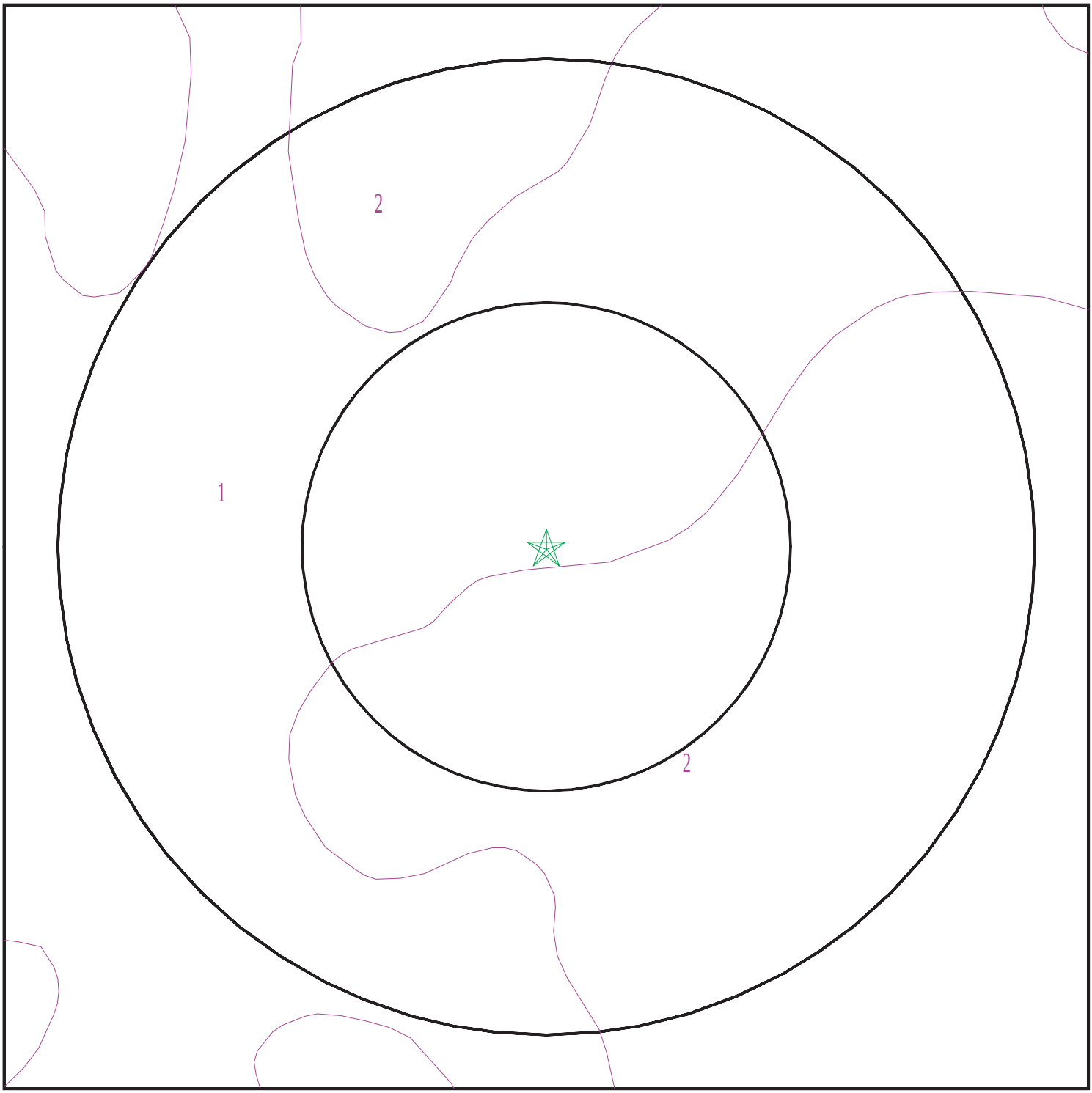
Era:	Paleozoic
System:	Mississippian
Series:	Osagean and Kinderhookian Series
Code:	M1 *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 7900511.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Proposed Development - Sedalia, MO	CLIENT:	AP Engineering & Consulting, Inc
ADDRESS:	East Broadway Boulevard Sedalia MO 65301	CONTACT:	Alli Schmitt
LAT/LONG:	38.705224 / 93.221454	INQUIRY #:	7900511.2s
		DATE:	March 06, 2025 2:51 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Macksburg

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: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 92 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 6.5 Min: 5.1
2	11 inches	44 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 6.5 Min: 5.1
3	44 inches	59 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 6.5 Min: 5.1

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: Arispe

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 92 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	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	Max: 14 Min: 4	Max: 7.3 Min: 5.6
2	7 inches	29 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 5.6
3	29 inches	59 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 5.6

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

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
8	USGS40000695685	1/2 - 1 Mile WNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

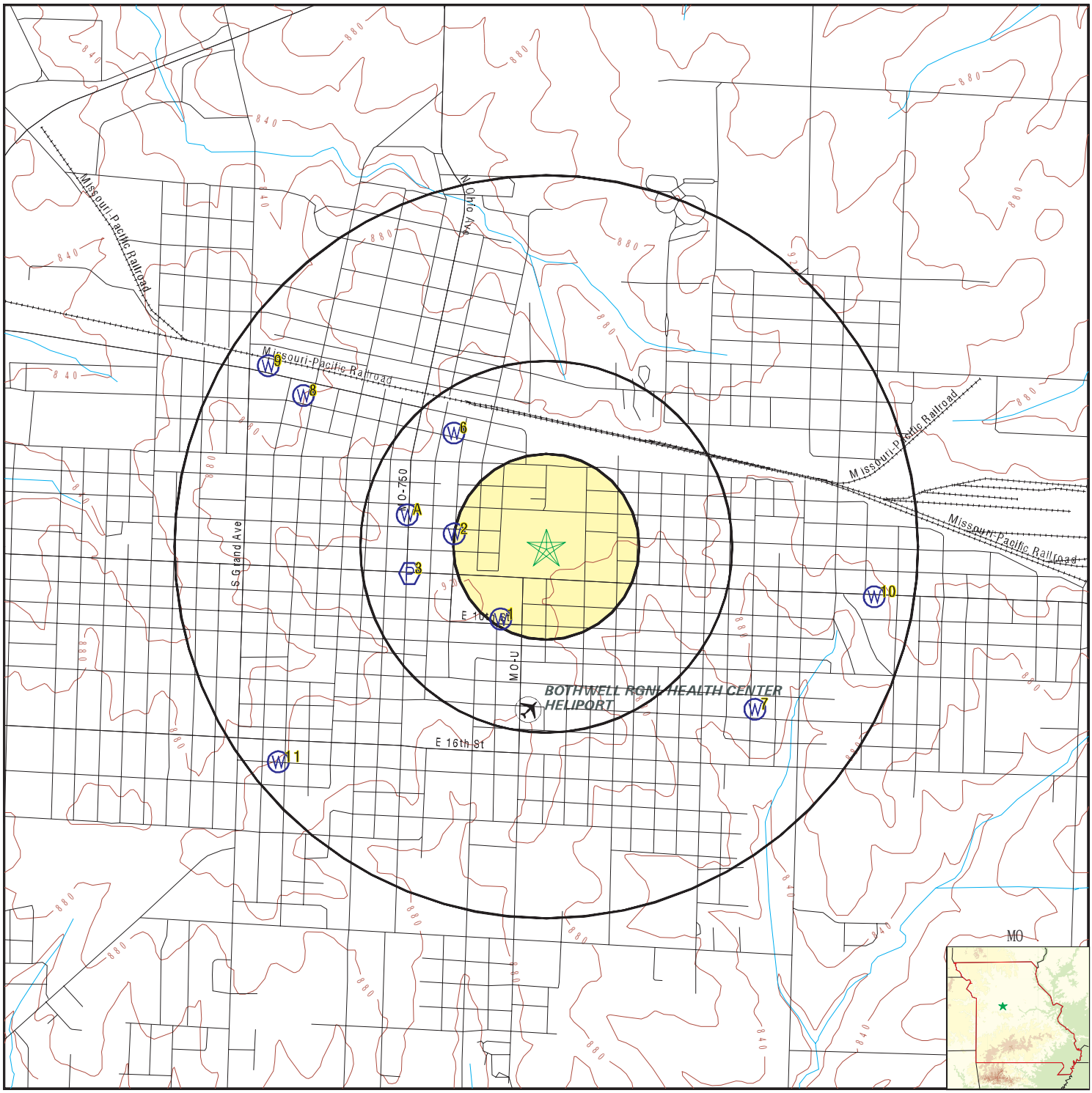
MAP ID	WELL ID	LOCATION FROM TP
3	MO3172256	1/4 - 1/2 Mile West

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	MOLOG3000036745	1/8 - 1/4 Mile SSW
2	MOLOG3000036775	1/8 - 1/4 Mile West
A4	MOLOG3000036779	1/4 - 1/2 Mile WNW
A5	MOLOG3000036780	1/4 - 1/2 Mile WNW
6	MOLOG3000036803	1/4 - 1/2 Mile NW
7	MOLOG3000036710	1/2 - 1 Mile SE
9	MOLOG3000036828	1/2 - 1 Mile WNW
10	MOLOG3000036757	1/2 - 1 Mile East
11	MOLOG3000036693	1/2 - 1 Mile SW

PHYSICAL SETTING SOURCE MAP - 7900511.2s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- Oil, gas or related wells

SITE NAME:	Proposed Development - Sedalia, MO	CLIENT:	AP Engineering & Consulting, Inc
ADDRESS:	East Broadway Boulevard Sedalia MO 65301	CONTACT:	Alli Schmitt
		INQUIRY #:	7900511.2s
LAT/LONG:	38.705224 / 93.221454	DATE:	March 06, 2025 2:51 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
SSW
1/8 - 1/4 Mile
Higher

MO WELLS **MOLOG3000036745**

WELLS LOG:

Database:	Geologic Well Log Database		
ID:	DL00283	Owner:	Forest Park - Sedalia
Well Type:	Unknown Well	Stratigraphy Log:	No
Driller Log:	Yes	Other Log:	No
Samples Retained:	No	Elevation (ft):	909
Total Depth (ft):	1612	Depth to Bedrock (ft):	30
SWL After Casing Set:	-9999	SWL Before Casing Set:	-9999
SWL After Casing Grouting (ft):	-9999	SWL Before Casing Grouting (ft):	-9999
Water Noted by Driller (ft):	Not Reported	Draw Down (ft):	-9999
Well Yield (gpm):	-9999		
Surface Formation:	(NO SAMPLES or NOT LOGGED)		
First Bedrock Form:	MISSISSIPPIAN SYSTEM UNDIFFERENTIATED		
Alternate ID 1:	None	Alternate ID 3:	None
SDWIS ID:	-99999	WIMS ID:	None
Oil and Gas ID:	None	Other Database ID:	None
Mineral Bore Hole ID:	None	Additional Databases Linked:	Not Reported
Drill Date:	1893	Driller:	Not Reported
Logger:	DRILLER	Log Date:	Not Reported
Geological Structures:	No	Interval Core Top (ft):	0
Interval Core Bottom (ft):	0		
Remarks:	May Be Log Of Core Test Done By State In 1893, Lafayette & 10Th Sts		
URL:	https://info.mo.gov/dnr/DNR_GIS/geology/wrc/logmain/striplogs/nolog.pdf		

2
West
1/8 - 1/4 Mile
Higher

MO WELLS **MOLOG3000036775**

WELLS LOG:

Database:	Geologic Well Log Database		
ID:	0005991	Owner:	Tullis Hall Dairy
Well Type:	Industrial High Capacity Well		
Stratigraphy Log:	Yes	Driller Log:	No
Other Log:	No	Samples Retained:	Yes
Elevation (ft):	910	Total Depth (ft):	702
Depth to Bedrock (ft):	20	SWL After Casing Set:	185
SWL Before Casing Set:	-9999	SWL After Casing Grouting (ft):	725
SWL Before Casing Grouting (ft):	-9999	Water Noted by Driller (ft):	Not Reported
Draw Down (ft):	20	Well Yield (gpm):	35
Surface Formation:	(NO SAMPLES or NOT LOGGED)		
First Bedrock Form:	SEDALIA FORMATION		
Alternate ID 1:	None	Alternate ID 3:	None
SDWIS ID:	-99999	WIMS ID:	None
Oil and Gas ID:	None	Other Database ID:	None
Mineral Bore Hole ID:	None	Additional Databases Linked:	Not Reported
Drill Date:	194004	Driller:	Walton, W.H.
Logger:	Grohskopf / McCracken		
Log Date:	19400501	Geological Structures:	No
Interval Core Top (ft):	0	Interval Core Bottom (ft):	0
Remarks:	5Th St & Mkt Rr Tracks, Sedalia		
URL:	https://info.mo.gov/dnr/DNR_GIS/geology/wrc/logmain/striplogs/0005991.pdf		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
3		
West	**FRDS PWS**	**MO3172256**
1/4 - 1/2 Mile		
Higher		

Epa region:	07	State:	MO
Pwsid:	MO3172256	Pwsname:	AUNT MARTHAS PRESCHOOL & DAY CAR
Cityserved:	Not Reported	Stateserved:	MO
Zipserved:	Not Reported	Fipscounty:	29159
Status:	Active	Retpopsrvd:	65
Pwssvcconn:	1	Psource longname:	Groundwater
Pwstype:	NTNCWS	Owner:	Private
Contact:	SMITH, KATHY	Contactorgname:	SMITH, KATHY
Contactphone:	660-827-5848	Contactaddress1:	2345 MCVEY RD
Contactaddress2:	Not Reported	Contactcity:	SEDALIA
Contactstate:	MO	Contactzip:	65301-0000
Pwsactivitycode:	A		

Pwsid:	MO3172256	Facid:	67674
Facname:	WELL	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	not reported	Factypecode:	TP

Pwsid:	MO3172256	Facid:	67674
Facname:	WELL	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	hypochlorination, pre	Factypecode:	TP

PWS ID:	MO3172256	PWS type:	Not Reported
PWS name:	Not Reported	PWS address:	Not Reported
PWS city:	Not Reported	PWS state:	Not Reported
PWS zip:	Not Reported	PWS name:	AUNT MARTHAS PRESCHOOL & DAY CAR
PWS type code:	NTNC	Retail population served:	65
Contact:	CANNON, MARTHA H	Contact address:	2345 MCVEY RD
Contact address:	SEDALIA	Contact city:	MO
Contact state:	65	Contact zip:	660-827-58
Contact telephone:	Not Reported		

PWS ID:	MO3172256	Activity status:	Active
Date system activated:	9306	Date system deactivated:	Not Reported
Retail population:	00000065	System name:	AUNT MARTHA'S PRESCHOOL & DAY
System address:	MCVEY ROAD	System address:	ROUTE 6, BOX 63
System city:	SEDALIA	System state:	MO
System zip:	65301		

County FIPS:	Not Reported	City served:	AUNT MARY'S

Population served:	Under 101 Persons	Treatment:	Treated

Latitude:	384215	Longitude:	0931341

Violation id:	201	Orig code:	S
State:	MO	Violation Year:	2001
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	24	Violation name:	Monitoring, Routine Minor (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	04/01/2001
Cmp edt:	04/30/2001		

Violation id:	6308801	Orig code:	S
State:	MO	Violation Year:	2001
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	22	Violation name:	MCL, Monthly (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	08/01/2001
Cmp edt:	08/31/2001		

Violation id:	6308902	Orig code:	S
State:	MO	Violation Year:	2002
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	04/01/2002
Cmp edt:	04/30/2002		

Violation id:	6309303	Orig code:	S
State:	MO	Violation Year:	2003
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	08/01/2003
Cmp edt:	08/31/2003		

Violation id:	6309706	Orig code:	S
State:	MO	Violation Year:	2006
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	22	Violation name:	MCL, Monthly (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	06/01/2006
Cmp edt:	06/30/2006		

Violation id:	6309807	Orig code:	S
State:	MO	Violation Year:	2006
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	12/01/2006
Cmp edt:	12/31/2006		

Violation id:	6309907	Orig code:	S
State:	MO	Violation Year:	2007
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	24	Violation name:	Monitoring, Routine Minor (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	02/01/2007
Cmp edt:	02/28/2007		

Violation id:	6310108	Orig code:	S
State:	MO	Violation Year:	2008
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	02/01/2008
Cmp edt:	02/29/2008		

Violation id:	6310210	Orig code:	S
State:	MO	Violation Year:	2009
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	09/01/2009
Cmp edt:	09/30/2009		

Violation id:	6310214	Orig code:	S
State:	MO	Violation Year:	2011
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	24	Violation name:	Monitoring, Routine Minor (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	11/01/2011
Cmp edt:	11/30/2011		

Violation id:	6310215	Orig code:	S
State:	MO	Violation Year:	2012
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	21	Violation name:	MCL, Acute (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	03/01/2012
Cmp edt:	03/31/2012		

Violation id:	6310216	Orig code:	S
State:	MO	Violation Year:	2012
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	22	Violation name:	MCL, Monthly (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	03/01/2012
Cmp edt:	03/31/2012		

Violation id:	6310219	Orig code:	S
State:	MO	Violation Year:	2012
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	04/01/2012
Cmp edt:	04/30/2012		

Violation id:	6310225	Orig code:	S
State:	MO	Violation Year:	2013
Contamination code:	7500	Contamination Name:	Public Notice
Violation code:	75	Violation name:	PN Violation for NPDWR Violation
Rule code:	410	Rule name:	PN rule
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	05/24/2013
Cmp edt:	Not Reported		

Violation ID:	201	Orig Code:	S
Enforcemnt FY:	2012	Enforcement Action:	06/30/2012
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving

Violation ID:	201	Orig Code:	S
Enforcemnt FY:	2001	Enforcement Action:	05/29/2001
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		

Violation ID:	201	Orig Code:	S
Enforcemnt FY:	2001	Enforcement Action:	05/29/2001
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	6308801	Orig Code:	S
Enforcemnt FY:	2012	Enforcement Action:	06/30/2012
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	6308801	Orig Code:	S
Enforcemnt FY:	2001	Enforcement Action:	09/18/2001
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	6308801	Orig Code:	S
Enforcemnt FY:	2001	Enforcement Action:	09/18/2001
Enforcement Detail:	St Formal NOV issued	Enforcement Category:	Informal
Violation ID:	6308902	Orig Code:	S
Enforcemnt FY:	2012	Enforcement Action:	06/30/2012
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	6308902	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	06/06/2002
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	6308902	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	06/06/2002
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	6309303	Orig Code:	S
Enforcemnt FY:	2003	Enforcement Action:	09/24/2003
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	6309303	Orig Code:	S
Enforcemnt FY:	2003	Enforcement Action:	09/24/2003
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	6309303	Orig Code:	S
Enforcemnt FY:	2012	Enforcement Action:	06/30/2012
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	6309706	Orig Code:	S
Enforcemnt FY:	2006	Enforcement Action:	07/12/2006
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	6309706	Orig Code:	S
Enforcemnt FY:	2006	Enforcement Action:	07/12/2006
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	6309706	Orig Code:	S
Enforcemnt FY:	2012	Enforcement Action:	06/30/2012
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	6309706	Orig Code:	S
Enforcemnt FY:	2006	Enforcement Action:	08/01/2006
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal
Violation ID:	6309807	Orig Code:	S
Enforcemnt FY:	2007	Enforcement Action:	01/25/2007
Enforcement Detail:	St Violation/Reminder Notice		

Enforcement Category: Informal

Violation ID: 6309807 Orig Code: S
Enforcemnt FY: 2007 Enforcement Action: 03/22/2007
Enforcement Detail: St Public Notif received Enforcement Category: Informal

Violation ID: 6309807 Orig Code: S
Enforcemnt FY: 2012 Enforcement Action: 06/30/2012
Enforcement Detail: St Compliance achieved Enforcement Category: Resolving

Violation ID: 6309807 Orig Code: S
Enforcemnt FY: 2007 Enforcement Action: 01/25/2007
Enforcement Detail: St Public Notif requested Enforcement Category: Informal

Violation ID: 6309907 Orig Code: S
Enforcemnt FY: 2012 Enforcement Action: 06/30/2012
Enforcement Detail: St Compliance achieved Enforcement Category: Resolving

Violation ID: 6309907 Orig Code: S
Enforcemnt FY: 2007 Enforcement Action: 03/19/2007
Enforcement Detail: St Public Notif requested Enforcement Category: Informal

Violation ID: 6309907 Orig Code: S
Enforcemnt FY: 2007 Enforcement Action: 03/19/2007
Enforcement Detail: St Violation/Reminder Notice
Enforcement Category: Informal

Violation ID: 6310108 Orig Code: S
Enforcemnt FY: 2008 Enforcement Action: 05/09/2008
Enforcement Detail: St Public Notif received Enforcement Category: Informal

Violation ID: 6310108 Orig Code: S
Enforcemnt FY: 2008 Enforcement Action: 03/27/2008
Enforcement Detail: St Violation/Reminder Notice
Enforcement Category: Informal

Violation ID: 6310108 Orig Code: S
Enforcemnt FY: 2008 Enforcement Action: 03/27/2008
Enforcement Detail: St Public Notif requested Enforcement Category: Informal

Violation ID: 6310108 Orig Code: S
Enforcemnt FY: 2012 Enforcement Action: 06/30/2012
Enforcement Detail: St Compliance achieved Enforcement Category: Resolving

Violation ID: 6310210 Orig Code: S
Enforcemnt FY: 2012 Enforcement Action: 06/30/2012
Enforcement Detail: St Compliance achieved Enforcement Category: Resolving

Violation ID: 6310210 Orig Code: S
Enforcemnt FY: 2010 Enforcement Action: 11/19/2009
Enforcement Detail: St Public Notif received Enforcement Category: Informal

Violation ID: 6310210 Orig Code: S
Enforcemnt FY: 2010 Enforcement Action: 10/27/2009
Enforcement Detail: St Violation/Reminder Notice
Enforcement Category: Informal

Violation ID: 6310210 Orig Code: S
Enforcemnt FY: 2010 Enforcement Action: 10/27/2009
Enforcement Detail: St Public Notif requested Enforcement Category: Informal

Violation ID: 6310214 Orig Code: S

Enforcemnt FY:	2012	Enforcement Action:	12/21/2011
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	6310214	Orig Code:	S
Enforcemnt FY:	2012	Enforcement Action:	01/30/2012
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal
Violation ID:	6310214	Orig Code:	S
Enforcemnt FY:	2012	Enforcement Action:	06/30/2012
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	6310214	Orig Code:	S
Enforcemnt FY:	2012	Enforcement Action:	12/21/2011
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	6310215	Orig Code:	S
Enforcemnt FY:	2012	Enforcement Action:	04/06/2012
Enforcement Detail:	St Formal NOV issued	Enforcement Category:	Informal
Violation ID:	6310215	Orig Code:	S
Enforcemnt FY:	2012	Enforcement Action:	04/06/2012
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	6310215	Orig Code:	S
Enforcemnt FY:	2012	Enforcement Action:	04/13/2012
Enforcement Detail:	St Other	Enforcement Category:	Informal
Violation ID:	6310215	Orig Code:	S
Enforcemnt FY:	2012	Enforcement Action:	04/09/2012
Enforcement Detail:	St Public Notif issued	Enforcement Category:	Informal
Violation ID:	6310215	Orig Code:	S
Enforcemnt FY:	2012	Enforcement Action:	06/30/2012
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	6310215	Orig Code:	S
Enforcemnt FY:	2012	Enforcement Action:	04/04/2012
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	6310215	Orig Code:	S
Enforcemnt FY:	2012	Enforcement Action:	07/01/2012
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal
Violation ID:	6310216	Orig Code:	S
Enforcemnt FY:	2012	Enforcement Action:	07/01/2012
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal
Violation ID:	6310216	Orig Code:	S
Enforcemnt FY:	2012	Enforcement Action:	06/30/2012
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	6310216	Orig Code:	S
Enforcemnt FY:	2012	Enforcement Action:	04/06/2012
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	6310216	Orig Code:	S
Enforcemnt FY:	2012	Enforcement Action:	04/06/2012
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	6310219	Orig Code:	S

Enforcemnt FY:	2014	Enforcement Action:	10/15/2013
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal
Violation ID:	6310219	Orig Code:	S
Enforcemnt FY:	2012	Enforcement Action:	06/30/2012
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	6310219	Orig Code:	S
Enforcemnt FY:	2012	Enforcement Action:	05/23/2012
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	6310219	Orig Code:	S
Enforcemnt FY:	2012	Enforcement Action:	05/23/2012
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	6310225	Orig Code:	S
Enforcemnt FY:	2012	Enforcement Action:	04/15/2012
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
PWS name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Population served:	65	PWS type code:	NTNC
Violation ID:	201	Contaminant:	Coliform (Tcr)
Violation type:	Monitoring, Routine Minor (TCR)		
Compliance start date:	4/1/2001 0:00:00	Compliance end date:	4/30/2001 0:00:00
Enforcement date:	5/29/2001 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		
PWS name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Population served:	65	PWS type code:	NTNC
Violation ID:	201	Contaminant:	Coliform (Tcr)
Violation type:	Monitoring, Routine Minor (TCR)		
Compliance start date:	4/1/2001 0:00:00	Compliance end date:	4/30/2001 0:00:00
Enforcement date:	5/29/2001 0:00:00	Enforcement action:	State Public Notif Requested
Violation measurement:	Not Reported		
PWS name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Population served:	65	PWS type code:	NTNC
Violation ID:	6308801	Contaminant:	Coliform (Tcr)
Violation type:	Max Contaminant Level, Monthly (TCR)		
Compliance start date:	8/1/2001 0:00:00	Compliance end date:	8/31/2001 0:00:00
Enforcement date:	9/18/2001 0:00:00	Enforcement action:	State Formal NOV Issued
Violation measurement:	Not Reported		
PWS name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Population served:	65	PWS type code:	NTNC
Violation ID:	6308801	Contaminant:	Coliform (Tcr)
Violation type:	Max Contaminant Level, Monthly (TCR)		
Compliance start date:	8/1/2001 0:00:00	Compliance end date:	8/31/2001 0:00:00
Enforcement date:	9/18/2001 0:00:00	Enforcement action:	State Public Notif Requested
Violation measurement:	Not Reported		
PWS name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Population served:	65	PWS type code:	NTNC
Violation ID:	6308902	Contaminant:	Coliform (Tcr)
Violation type:	Monitoring, Routine Major (TCR)		
Compliance start date:	4/1/2002 0:00:00	Compliance end date:	4/30/2002 0:00:00
Enforcement date:	6/6/2002 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		
PWS name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Population served:	65	PWS type code:	NTNC

Violation ID:	6308902	Contaminant:	Coliform (Tcr)
Violation type:	Monitoring, Routine Major (TCR)		
Compliance start date:	4/1/2002 0:00:00	Compliance end date:	4/30/2002 0:00:00
Enforcement date:	6/6/2002 0:00:00	Enforcement action:	State Public Notif Requested
Violation measurement:	Not Reported		

PWS name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Population served:	65	PWS type code:	NTNC
Violation ID:	6309303	Contaminant:	Coliform (Tcr)
Violation type:	Monitoring, Routine Major (TCR)		
Compliance start date:	8/1/2003 0:00:00	Compliance end date:	8/31/2003 0:00:00
Enforcement date:	9/24/2003 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Population served:	65	PWS type code:	NTNC
Violation ID:	6309303	Contaminant:	Coliform (Tcr)
Violation type:	Monitoring, Routine Major (TCR)		
Compliance start date:	8/1/2003 0:00:00	Compliance end date:	8/31/2003 0:00:00
Enforcement date:	9/24/2003 0:00:00	Enforcement action:	State Public Notif Requested
Violation measurement:	Not Reported		

PWS name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Population served:	65	PWS type code:	NTNC
Violation ID:	6309706	Contaminant:	Coliform (Tcr)
Violation type:	Max Contaminant Level, Monthly (TCR)		
Compliance start date:	6/1/2006 0:00:00	Compliance end date:	6/30/2006 0:00:00
Enforcement date:	7/12/2006 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Population served:	65	PWS type code:	NTNC
Violation ID:	6309706	Contaminant:	Coliform (Tcr)
Violation type:	Max Contaminant Level, Monthly (TCR)		
Compliance start date:	6/1/2006 0:00:00	Compliance end date:	6/30/2006 0:00:00
Enforcement date:	7/12/2006 0:00:00	Enforcement action:	State Public Notif Requested
Violation measurement:	Not Reported		

PWS name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Population served:	65	PWS type code:	NTNC
Violation ID:	6309706	Contaminant:	Coliform (Tcr)
Violation type:	Max Contaminant Level, Monthly (TCR)		
Compliance start date:	6/1/2006 0:00:00	Compliance end date:	6/30/2006 0:00:00
Enforcement date:	8/1/2006 0:00:00	Enforcement action:	State Public Notif Received
Violation measurement:	Not Reported		

PWS name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Population served:	65	PWS type code:	NTNC
Violation ID:	6309807	Contaminant:	Coliform (Tcr)
Violation type:	Monitoring, Routine Major (TCR)		
Compliance start date:	12/1/2006 0:00:00	Compliance end date:	12/31/2006 0:00:00
Enforcement date:	1/25/2007 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Population served:	65	PWS type code:	NTNC
Violation ID:	6309807	Contaminant:	Coliform (Tcr)
Violation type:	Monitoring, Routine Major (TCR)		
Compliance start date:	12/1/2006 0:00:00	Compliance end date:	12/31/2006 0:00:00
Enforcement date:	1/25/2007 0:00:00	Enforcement action:	State Public Notif Requested
Violation measurement:	Not Reported		

PWS name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Population served:	65	PWS type code:	NTNC
Violation ID:	6309807	Contaminant:	Coliform (Tcr)
Violation type:	Monitoring, Routine Major (TCR)		
Compliance start date:	12/1/2006 0:00:00	Compliance end date:	12/31/2006 0:00:00
Enforcement date:	3/22/2007 0:00:00	Enforcement action:	State Public Notif Received
Violation measurement:	Not Reported		

PWS name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Population served:	65	PWS type code:	NTNC
Violation ID:	6309907	Contaminant:	Coliform (Tcr)
Violation type:	Monitoring, Routine Minor (TCR)		
Compliance start date:	2/1/2007 0:00:00	Compliance end date:	2/28/2007 0:00:00
Enforcement date:	3/19/2007 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Population served:	65	PWS type code:	NTNC
Violation ID:	6309907	Contaminant:	Coliform (Tcr)
Violation type:	Monitoring, Routine Minor (TCR)		
Compliance start date:	2/1/2007 0:00:00	Compliance end date:	2/28/2007 0:00:00
Enforcement date:	3/19/2007 0:00:00	Enforcement action:	State Public Notif Requested
Violation measurement:	Not Reported		

PWS name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Population served:	65	PWS type code:	NTNC
Violation ID:	6310108	Contaminant:	Coliform (Tcr)
Violation type:	Monitoring, Routine Major (TCR)		
Compliance start date:	2/1/2008 0:00:00	Compliance end date:	2/29/2008 0:00:00
Enforcement date:	3/27/2008 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Population served:	65	PWS type code:	NTNC
Violation ID:	6310108	Contaminant:	Coliform (Tcr)
Violation type:	Monitoring, Routine Major (TCR)		
Compliance start date:	2/1/2008 0:00:00	Compliance end date:	2/29/2008 0:00:00
Enforcement date:	3/27/2008 0:00:00	Enforcement action:	State Public Notif Requested
Violation measurement:	Not Reported		

PWS name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Population served:	65	PWS type code:	NTNC
Violation ID:	6310108	Contaminant:	Coliform (Tcr)
Violation type:	Monitoring, Routine Major (TCR)		
Compliance start date:	2/1/2008 0:00:00	Compliance end date:	2/29/2008 0:00:00
Enforcement date:	5/9/2008 0:00:00	Enforcement action:	State Public Notif Received
Violation measurement:	Not Reported		

A4
WNW
1/4 - 1/2 Mile
Higher

MO WELLS **MOLOG3000036779**

WELLS LOG:

Database:	Geologic Well Log Database		
ID:	0007687		
Owner:	Beatrice Creamery Co Well #2		
Well Type:	Industrial High Capacity Well		
Stratigraphy Log:	Yes	Driller Log:	No
Other Log:	No	Samples Retained:	Yes

Elevation (ft):	908	Total Depth (ft):	1180
Depth to Bedrock (ft):	30	SWL After Casing Set:	194
SWL Before Casing Set:	-9999	SWL After Casing Grouting (ft):	714
SWL Before Casing Grouting (ft):	-9999	Water Noted by Driller (ft):	Not Reported
Draw Down (ft):	-9999	Well Yield (gpm):	135
Surface Formation:	SOIL-RESIDUUM	First Bedrock Form:	SEDALIA FORMATION
Alternate ID 1:	None	Alternate ID 3:	None
SDWIS ID:	-99999	WIMS ID:	None
Oil and Gas ID:	None	Other Database ID:	None
Mineral Bore Hole ID:	None	Additional Databases Linked:	Not Reported
Drill Date:	194205	Driller:	Sewell Well Co
Logger:	Grohskopf / Gott		
Log Date:	Not Reported	Geological Structures:	No
Interval Core Top (ft):	0	Interval Core Bottom (ft):	0
Remarks:	In Sedalia, 200' Nw Of Well #1 (#2720), Between 5Th & 6Th St		
URL:	https://info.mo.gov/dnr/DNR_GIS/geology/wrc/logmain/striplogs/0007687.pdf		

A5
WNW
1/4 - 1/2 Mile
Higher

MO WELLS **MOLOG3000036780**

WELLS LOG:

Database:	Geologic Well Log Database		
ID:	0002720	Owner:	Beatrice Creamery Well #1
Well Type:	Industrial High Capacity Well		
Stratigraphy Log:	Yes	Driller Log:	No
Other Log:	No	Samples Retained:	Yes
Elevation (ft):	908	Total Depth (ft):	900
Depth to Bedrock (ft):	999999	SWL After Casing Set:	166
SWL Before Casing Set:	-9999	SWL After Casing Grouting (ft):	742
SWL Before Casing Grouting (ft):	-9999	Water Noted by Driller (ft):	Not Reported
Draw Down (ft):	-9999	Well Yield (gpm):	103
Surface Formation:	(NO SAMPLES or NOT LOGGED)		
First Bedrock Form:	LOWER GASCONADE DOLOMITE		
Alternate ID 1:	None	Alternate ID 3:	None
SDWIS ID:	-99999	WIMS ID:	None
Oil and Gas ID:	None	Other Database ID:	None
Mineral Bore Hole ID:	None	Additional Databases Linked:	Not Reported
Drill Date:	193305	Driller:	Sewell
Logger:	McQueen	Log Date:	Not Reported
Geological Structures:	No	Interval Core Top (ft):	0
Interval Core Bottom (ft):	0		
Remarks:	@ Sedalia; Old Well Deepened 605-900'		
URL:	https://info.mo.gov/dnr/DNR_GIS/geology/wrc/logmain/striplogs/0002720.pdf		

6
NW
1/4 - 1/2 Mile
Higher

MO WELLS **MOLOG3000036803**

WELLS LOG:

Database:	Geologic Well Log Database		
ID:	0005621	Owner:	Dorn-Cloney Laundry
Well Type:	Industrial High Capacity Well		
Stratigraphy Log:	Yes	Driller Log:	No
Other Log:	No	Samples Retained:	Yes
Elevation (ft):	903	Total Depth (ft):	904

Depth to Bedrock (ft):	20	SWL After Casing Set:	210
SWL Before Casing Set:	-9999	SWL After Casing Grouting (ft):	693
SWL Before Casing Grouting (ft):	-9999	Water Noted by Driller (ft):	Not Reported
Draw Down (ft):	15	Well Yield (gpm):	160
Surface Formation:	(NO SAMPLES or NOT LOGGED)		
First Bedrock Form:	BURLINGTON LIMESTONE		
Alternate ID 1:	None	Alternate ID 3:	None
SDWIS ID:	-99999	WIMS ID:	None
Oil and Gas ID:	None	Other Database ID:	None
Mineral Bore Hole ID:	None	Additional Databases Linked:	Not Reported
Drill Date:	193909	Driller:	Schnell, W.C.
Logger:	Grohskopf / McCracken		
Log Date:	19391005	Geological Structures:	No
Interval Core Top (ft):	0	Interval Core Bottom (ft):	0
Remarks:	In Sedalia, 0.5 Blk E Of Lamina Ave On N Side Of E 3Rd St.		
URL:	https://info.mo.gov/dnr/DNR_GIS/geology/wrc/logmain/striplogs/0005621.pdf		

7
SE **MO WELLS** **MOLOG3000036710**
1/2 - 1 Mile
Lower

WELLS LOG:

Database:	Geologic Well Log Database		
ID:	0025276	Owner:	Christian Assembly Church
Well Type:	Private Well	Stratigraphy Log:	Yes
Driller Log:	Yes	Other Log:	No
Samples Retained:	Yes	Elevation (ft):	865
Total Depth (ft):	205	Depth to Bedrock (ft):	10
SWL After Casing Set:	120	SWL Before Casing Set:	-9999
SWL After Casing Grouting (ft):	745	SWL Before Casing Grouting (ft):	-9999
Water Noted by Driller (ft):	140-145', 180-245'		
Draw Down (ft):	-9999	Well Yield (gpm):	10
Surface Formation:	SOIL-RESIDUUM		
First Bedrock Form:	CHOUTEAU GROUP UNDIFFERENTIATED		
Alternate ID 1:	None	Alternate ID 3:	None
SDWIS ID:	-99999	WIMS ID:	None
Oil and Gas ID:	None	Other Database ID:	None
Mineral Bore Hole ID:	None	Additional Databases Linked:	Not Reported
Drill Date:	196708	Driller:	Heuerman, C.W.
Logger:	Wells, J.	Log Date:	196903
Geological Structures:	No	Interval Core Top (ft):	0
Interval Core Bottom (ft):	0		
Remarks:	Se Of Sedalia City Limits; Yield @180'		
URL:	https://info.mo.gov/dnr/DNR_GIS/geology/wrc/logmain/striplogs/0025276.pdf		

8
WNW **FED USGS** **USGS40000695685**
1/2 - 1 Mile
Lower

Organization ID:	USGS-MO	Organization Name:	USGS Missouri Water Science Center
Monitor Location:	T45N R21W 04ABA1	Type:	Well
Description:	Not Reported	HUC:	10300103
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Ozark Plateaus aquifer system		
Formation Type:	Gunter Sandstone Member of Gasconade Dolomite		
Aquifer Type:	Not Reported	Construction Date:	19160101

Well Depth:	815	Well Depth Units:	ft
Well Hole Depth:	815	Well Hole Depth Units:	ft

9
WNW
1/2 - 1 Mile
Lower

MO WELLS **MOLOG3000036828**

WELLS LOG:

Database:	Geologic Well Log Database		
ID:	0002008		
Owner:	Sedalia Light & Power Co Well #2		
Well Type:	Public Well - Community		
Stratigraphy Log:	Yes	Driller Log:	Yes
Other Log:	No	Samples Retained:	Yes
Elevation (ft):	870	Total Depth (ft):	815
Depth to Bedrock (ft):	15	SWL After Casing Set:	50
SWL Before Casing Set:	-9999	SWL After Casing Grouting (ft):	820
SWL Before Casing Grouting (ft):	-9999	Water Noted by Driller (ft):	Not Reported
Draw Down (ft):	-9999	Well Yield (gpm):	-9999
Surface Formation:	(NO SAMPLES or NOT LOGGED)		
First Bedrock Form:	PIERSON LIMESTONE		
Alternate ID 1:	None	Alternate ID 3:	None
SDWIS ID:	-99999	WIMS ID:	None
Oil and Gas ID:	None	Other Database ID:	None
Mineral Bore Hole ID:	None	Additional Databases Linked:	PUBLIC DRINKING WATER
Drill Date:	191604	Driller:	Sewell Well Co
Logger:	McCracken	Log Date:	Not Reported
Geological Structures:	No	Interval Core Top (ft):	0
Interval Core Bottom (ft):	0		
Remarks:	@ Ice Plant, Main & Moniteau Sts, Sedalia		
URL:	https://info.mo.gov/dnr/DNR_GIS/geology/wrc/logmain/striplogs/0002008.pdf		

10
East
1/2 - 1 Mile
Lower

MO WELLS **MOLOG3000036757**

WELLS LOG:

Database:	Geologic Well Log Database		
ID:	DL04202	Owner:	Sisemore, D.L.
Well Type:	Private Well	Stratigraphy Log:	No
Driller Log:	Yes	Other Log:	No
Samples Retained:	Yes	Elevation (ft):	893
Total Depth (ft):	132	Depth to Bedrock (ft):	30
SWL After Casing Set:	-9999	SWL Before Casing Set:	-9999
SWL After Casing Grouting (ft):	-9999	SWL Before Casing Grouting (ft):	-9999
Water Noted by Driller (ft):	Not Reported	Draw Down (ft):	-9999
Well Yield (gpm):	-9999		
Surface Formation:	(SEE LOG, NO STRAT IN LOGMAIN)		
First Bedrock Form:	(SEE LOG, NO STRAT IN LOGMAIN)		
Alternate ID 1:	None	Alternate ID 3:	None
SDWIS ID:	-99999	WIMS ID:	None
Oil and Gas ID:	None	Other Database ID:	None
Mineral Bore Hole ID:	None	Additional Databases Linked:	Not Reported
Drill Date:	1937	Driller:	Monsees (D.G.) And Son
Logger:	DRILLER	Log Date:	Not Reported

Geological Structures:	No	Interval Core Top (ft):	0
Interval Core Bottom (ft):	0		
Remarks:	4Th & Babcock St, Sedalia - One Sample At 30’		
URL:	https://info.mo.gov/dnr/DNR_GIS/geology/wrc/logmain/striplogs/nolog.pdf		

11
SW
1/2 - 1 Mile
Lower

MO WELLS **MOLOG3000036693**

WELLS LOG:

Database:	Geologic Well Log Database		
ID:	0016118	Owner:	Interstate Studio
Well Type:	Private Well	Stratigraphy Log:	Yes
Driller Log:	No	Other Log:	No
Samples Retained:	Yes	Elevation (ft):	888
Total Depth (ft):	300	Depth to Bedrock (ft):	10
SWL After Casing Set:	150	SWL Before Casing Set:	-9999
SWL After Casing Grouting (ft):	738	SWL Before Casing Grouting (ft):	-9999
Water Noted by Driller (ft):	125’,200’,245’,260’,280’,300’		
Draw Down (ft):	-9999	Well Yield (gpm):	24
Surface Formation:	SOIL-RESIDUUM		
First Bedrock Form:	CHOUTEAU GROUP UNDIFFERENTIATED		
Alternate ID 1:	None	Alternate ID 3:	None
SDWIS ID:	-99999	WIMS ID:	None
Oil and Gas ID:	None	Other Database ID:	None
Mineral Bore Hole ID:	None	Additional Databases Linked:	Not Reported
Drill Date:	19570430	Driller:	Heuerman, C.W.
Logger:	Knight, R.D.	Log Date:	19570627
Geological Structures:	No	Interval Core Top (ft):	0
Interval Core Bottom (ft):	0		
Remarks:	Not Reported		
URL:	https://info.mo.gov/dnr/DNR_GIS/geology/wrc/logmain/striplogs/0016118.pdf		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: MO Radon

Radon Test Results

Zipcode	Test Date	Result
65301	09/23/05	7.1
65301	09/24/07	3.9
65301	11/20/08	2.3
65301	11/24/03	0.9
65301	12/22/08	0.7
65301	01/11/08	????
65301	01/11/08	0.7
65301	02/05/07	8
65301	02/09/07	< 0.3
65301	02/10/07	12.3
65301	02/15/08	8.4
65301	03/26/09	6.3
65301	03/28/09	0.8
65301	04/24/08	????
65301	04/25/08	5.7
65301	04/28/08	0.7
65301	05/31/08	2.4
65301	07/18/08	2.7
65301	08/18/08	0.8
65301	09/13/07	7.2
65301	06/13/08	4.6

Federal EPA Radon Zone for PETTIS County: 2

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: 65301

Number of sites tested: 10

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.800 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	3.060 pCi/L	90%	10%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: National Wetland Inventory of Missouri
Source: Department of Natural Resources
Telephone: 573-751-5110

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Missouri Public Drinking Water Wells
Source: Department of Natural Resources
Telephone: 573-526-5448

Missouri Geologic Well Log Database
Source: Department of Natural Resources
Telephone: 573-526-5448

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database
Source: Department of Natural Resources
Telephone: 573-368-2143

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

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

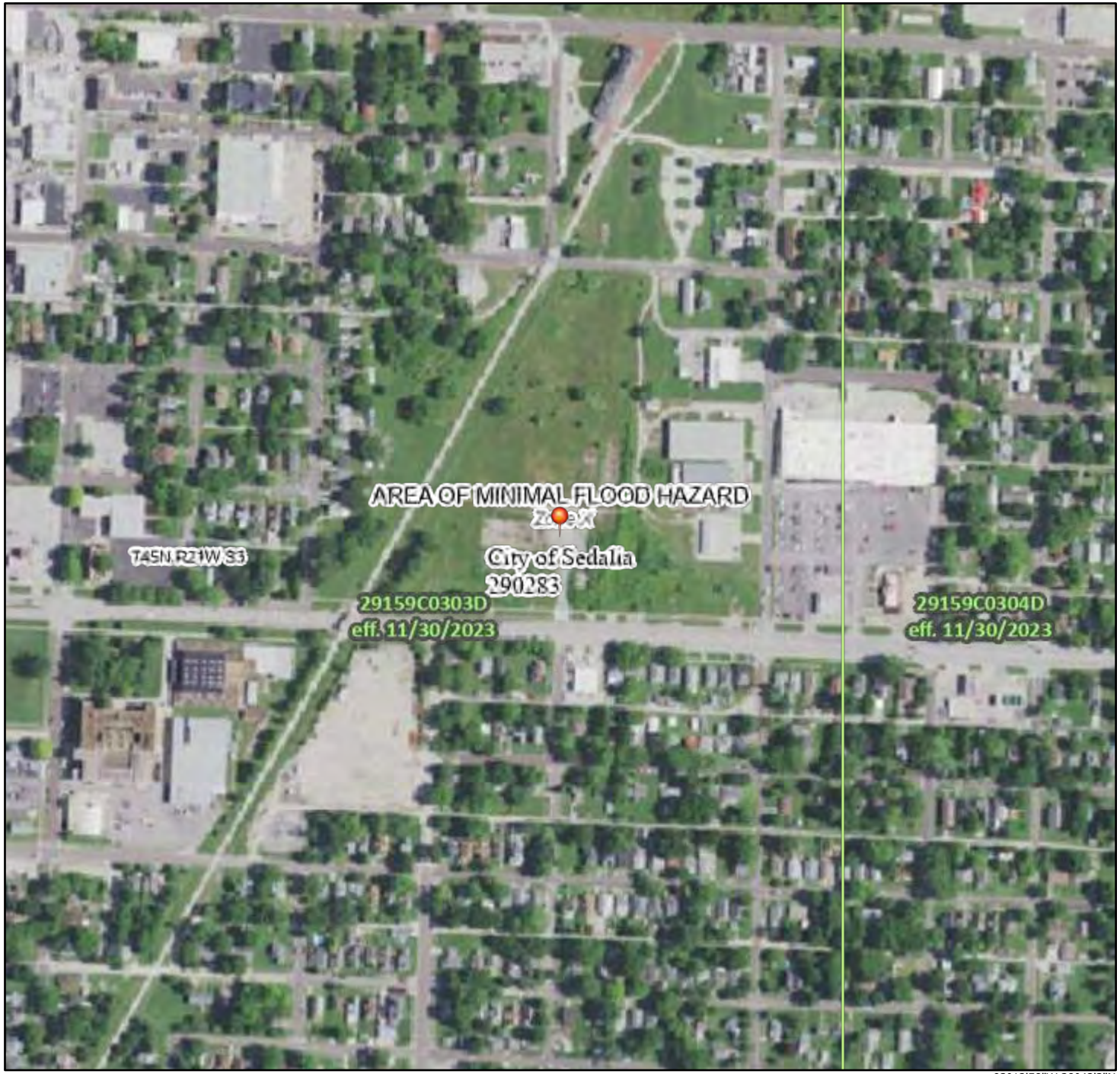
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APPENDIX G

FEMA Flood Insurance Maps

National Flood Hazard Layer FIRMette

93°13'36"W 38°42'31"N



93°12'58"W 38°42'3"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

Basemap Imagery Source: USGS National Map 2023

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN — Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 — Cross Sections with 1% Annual Chance
- 17.5 — Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 3/6/2025 at 8:08 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

APPENDIX H

United States Fish and Wildlife Service
Wetlands Map

U.S. Fish and Wildlife Service

National Wetlands Inventory

Sedalia, MO



March 6, 2025

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

APPENDIX I

Site Reconnaissance Photographs



Photo 1: Facing west from the southeast corner of the Subject Property

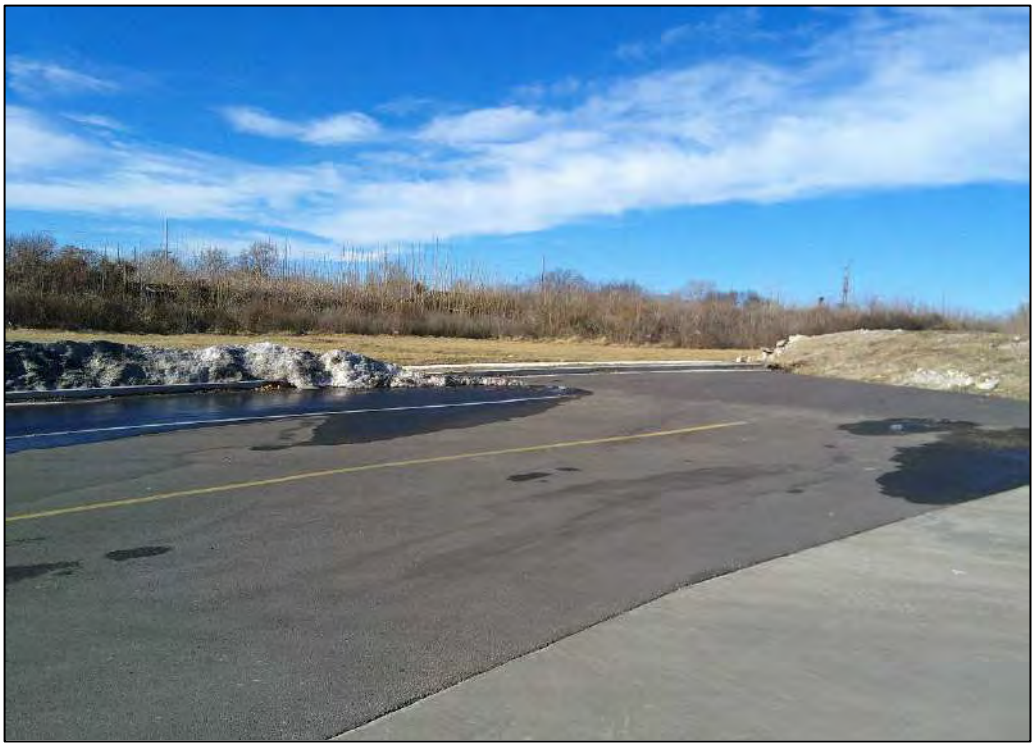


Photo 2: Facing northwest from the southeast corner of the Subject Property



Photo 3: View of east adjoining property



Photo 4: View of East Broadway Boulevard followed by south adjacent property



Photo 5: View of west adjoining property



Photo 6: Facing east from the southwest corner of Subject Property



Photo 7: View of East Broadway Boulevard followed by south adjacent properties



Photo 8: Facing southeast from the northwest corner of the Subject Property



Photo 9: View of west adjoining properties



Photo 10: View of East 5th Street followed by north adjacent property



Photo 11: Facing southeast from the northwest corner of the Subject Property



Photo 12: View of East 5th Street followed by north adjacent property



Photo 13: View of east adjoining property



Photo 14: Facing southwest from the northeast corner of the Subject Property



Photo 15: Facing west from the northeast corner of the Subject Property

APPENDIX J

Interviews

PHASE I Environmental Site Assessment Interview Questionnaire Form: (Owner)

APEC has been contracted to complete a Phase I Environmental Site Assessment at the below referenced property in accordance with ASTM E1527-21: Standard Practice for Phase I Site Assessments. Per ASTM E1527 requirements, **APEC** is required to send the below questionnaire to a representative of the Subject Property's owning entity/individual. Please return the completed questionnaire to Alli Schmitt aschmitt@apecindy.com within three business days of receipt.

Property Name:	Vacant Land
Property Address:	East Broadway Boulevard, Sedalia, MO
Person Completing Questionnaire/Title:	Kelvin Shaw, Project Director
Name of Property Owner Entity or Individual:	City of Sedalia
Length of Time Associated with Property:	4 years
Date Completed:	2/18/2025

No.	Question	Response			Comments
		Yes	No	Unknown	
1	Has the Property ever been used for industrial use?	☑	☐	☐	
2	Has the Property been used as a gas station, auto repair facility, commercial printing facility, junkyard/landfill, dry cleaner, or waste disposal/recycling facility?	☐	☐	☑	
3	Have any adjacent properties been used as a gas station, auto repair facility, commercial printing facility, junkyard/landfill, dry cleaner, or waste disposal/recycling facility?	☑	☐	☐	
4	Are you aware of any chemicals that are or were once present at the property in volumes of greater than 1 gallon?	☐	☐	☑	
5	Are you aware of any spills or releases of chemicals (hazardous or non-hazardous) on this Property?	☐	☐	☑	

6	Have you observed or have prior knowledge of any stained soils or stressed vegetation on the Property?	☐	☑	☐	
7	Have you observed or have prior knowledge of any floor drains or walls within the facility that are stained (other than water) or are emitting foul odors?	☐	☑	☐	
8	Are you aware of any past or present Underground Storage Tanks located on the Property?	☐	☐	☑	There were some tanks in the
9	Are you aware of any past or present Aboveground Storage Tanks located on the Property?	☐	☐	☑	See above
10	Have you ever observed any drums, pails or buckets discarded on the Property?	☐	☑	☐	
11	Has any fill dirt been brought onto the property from a contaminated or unknown origin?	☐	☐	☑	None that I know of
12	Are you aware of any past or present pits, ponds, or lagoons in connection with waste treatment or disposal located on the Property?	☐	☑	☐	
13	Is a private well located on the Property? Has is ever been deemed contaminated by an environmental or health agency?	☐	☑	☐	
14	Does the Property discharge wastewater on or adjacent to the Property, other than storm drains?	☐	☑	☐	
15	Do you have any knowledge of any environmental liens or governmental notifications relating to past or current violations of environmental law associated with the Property?	☐	☑	☐	
16	Are you aware of any activity use-limitations on the Subject Property, such as land-use restrictions or institutional controls that are in place at the	☑	☐	☐	See deed restriction

	Site or have been recorded in a registry?				
17	Are there any transformers, capacitors, or hydraulic lifts on the Property for which there are any records indicating the presence of PCBs?	☐	☐	☑	
18	Is there currently or has there ever been any asbestos containing materials on the Property?	☐	☐	☑	
19	Has there ever been any asbestos containing material testing done at the Property?	☐	☐	☑	
20	Have you ever observed visible mold growth on property structures?	☐	☑	☐	
21	Is there currently or has there ever been any lead-based paint on any property structures?	☐	☐	☑	
22	Have any property structures ever been tested for lead-based paint?	☐	☐	☑	
23	Do you have knowledge of any previous environmental site assessments at the Property? If yes please provide a copy	☑	☐	☐	See folder shared in dropbox
24	Do you have any knowledge of environmental cleanups that have taken place at the Property?	☐	☑	☐	There has been some work o
Please summarize historical property usage prior to current usage if known		Used for a long period of time by the railroad. Then was used as a lumber yard retail outlet. Has been vacant for I believe in excess of 3 decades.			

The person completing/responding to this questionnaire presents that to the best of his or her knowledge the above responses and facts are true and correct, and to the best of the actual knowledge of the person completing this questionnaire, that no material facts have been suppressed or misstated.

Signature of Person Interviewed or Completing this Questionnaire: Kelvin L Shaw

Printed Name: Kelvin L. Shaw

Date: 2/18/2025

PHASE I Environmental Site Assessment Questionnaire Form: (User)

APEC has been contracted to complete a Phase I Environmental Site Assessment (ESA) at the below referenced property in accordance with ASTM E1527-21: Standard Practice for Phase I Site Assessments. Per ASTM E1527 requirements, **APEC** is required to send the below questionnaire to a representative of the User of the Phase I ESA Report. Please return the completed questionnaire to Alli Schmitt aschmitt@apecindy.com within three business days of receipt.

Property Name:	Vacant Land
Property Address:	East Broadway Boulevard, Sedalia, MO
Person Completing Questionnaire/Title:	Kelvin Shaw, Project Director
Company Name:	City of Sedalia
Length of Time Associated with Property:	4 years
Date Completed:	2/18/2025

No.	Question	Response			Comments
		Yes	No	Unknown	
1	Are you aware of any environmental liens against the Property that are filed or recorded and subject to local, state, or federal law?	☐	☑	☐	
2	Are you aware of any activity and use limitations (AULs) such as environmental restrictive covenants (ERCs), land use restrictions, institutional controls, and/or engineering controls filed or recorded and subject to local, state, or federal law?	☐	☐	☑	See deed
3	Are you aware of the Property's past occupants and/or usage?	☑	☐	☐	
4	Does the purchase price of the Property reflect the fair market value of the Property? If there is a difference, is the lower purchase price due to actual or perceived environmental conditions?	☐	☐	☑	

5	Are you aware of any previous environmental reports, such as a Phase I ESA, relevant to the Property?	☐	☐	☑	See shared folder in dropbox
6	Are you aware of commonly known or reasonably ascertainable information about the Property that would help the environmental professional to identify conditions indicative of contaminant releases or threatened contaminant releases?	☐	☑	☐	Used by the rail road
7	Based on your knowledge of the Property, are there any indicators that point to the presence or likely presence of contamination at the Property? Do you have any specialized knowledge or experience regarding the likelihood of a release?	☐	☑	☐	See the folder with past enviro

The person interviewed/completing this questionnaire presents that to the best of his or her knowledge the above responses and facts are true and correct, and to the best of the actual knowledge of the person interviewed/completing this questionnaire no material facts have been suppressed or misstated.

Date: 2/18/2025

Signature of Person Interviewed/Completing Questionnaire: Kelvin L. Shaw

Kelvin L. Shaw

Printed Name: _____

Allison Schmitt

From: Matt Irwin <MIrwin@sedalia.com>
Sent: Thursday, March 6, 2025 3:33 PM
To: Allison Schmitt; Jason Myers; Kelvin L. Shaw
Subject: RE: Records Request

Alli, Fire has no records of any environmental issues on the property.

Matthew Irwin
Fire Chief
City of Sedalia Fire Department
660-826-8044
mirwin@cityofsedalia.com

The secret of change is to focus all of your energy not on fighting the old, but on building the new –SOCRATES

City of Sedalia, Missouri CONFIDENTIALITY STATEMENT: This mail is "unofficial" communication. The ideas or information presented does not necessarily reflect the Official opinion of the City of Sedalia. This electronic communication including any attachments is from the City of Sedalia, Missouri and is confidential, privileged, and intended only for the use of the recipient(s) named above. Any unauthorized review, use, disclosure or distribution is prohibited. If you have received this transmission in error, please notify the sender and delete all copies from your system.

From: Allison Schmitt <aschmitt@apecindy.com>
Sent: Thursday, March 6, 2025 2:32 PM
To: Matt Irwin <MIrwin@sedalia.com>; Jason Myers <JMyers@sedalia.com>; Kelvin L. Shaw <kshaw@sedalia.com>
Subject: RE: Records Request

Hi matt,

Yes, I am completing this Phase I for Kelvin with the City. I just need the fire department to conduct a search for the site. Thanks!

Alli Schmitt | Project Manager
AP Engineering & Consulting, Inc. **|** 6135 West 400 North **|** Greenfield, IN 46140
Phone: (317) 436-7529 **| Mobile: (317) 690-4351**
Email: aschmitt@apecindy.com **|** Web: www.apecindy.com

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From: Matt Irwin <MIrwin@sedalia.com>
Sent: Thursday, March 6, 2025 3:25 PM
To: Allison Schmitt <aschmitt@apecindy.com>; Jason Myers <JMyers@sedalia.com>; Kelvin L. Shaw <kshaw@sedalia.com>
Subject: RE: Records Request

Alli, I looked up the parcel number, This appears to be for the City of Sedalia fire station and water park?

I am attaching in project manager Kelvin Shaw to help work through this. Jason disregard my previous email, I do think a request needs to be done as normal with all departments.

Matthew Irwin
Fire Chief
City of Sedalia Fire Department
660-826-8044
mirwin@cityofsedalia.com
The secret of change is to focus all of your energy not on fighting the old, but on building the new –SOCRATES

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From: Allison Schmitt <aschmitt@apecindy.com>
Sent: Thursday, March 6, 2025 2:07 PM
To: Matt Irwin <MIrwin@sedalia.com>
Subject: Records Request

Hi,

We are performing a Phase I Environmental Site Assessment of the Parcel # 152003301006000, in Sedalia, Missouri and were curious if the fire department had a record of any environmental issues or spills associated with the property?

Thanks,

Alli Schmitt | Project Manager
AP Engineering & Consulting, Inc. **|** 6135 West 400 North **|** Greenfield, IN 46140

Phone: (317) 436-7529 **| Mobile: (317) 690-4351**
Email: aschmitt@apecindy.com **|** Web: www.apecindy.com

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Allison Schmitt

From: Nevils, Malinda <Malinda.Nevils@lpha.mo.gov>
Sent: Thursday, March 6, 2025 4:12 PM
To: Allison Schmitt
Subject: Re: Records request

Hello, our health department has had no involvement with this property and therefore has no records of environmental issues associated with this property.
I hope this helps with your site assessment.
Malinda

Malinda Nevils, RN BSN
Administrator
Pettis County Health Center
911 E. 16th Street
Sedalia, MO 65301
660-827-1130 x 126
660-827-1141 fax
660-287-3524 cell
Website: http://www.pettiscountyhealthcenter.com/

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---

From: Allison Schmitt <aschmitt@apecindy.com>
Sent: Thursday, March 6, 2025 2:06 PM
To: Nevils, Malinda <Malinda.Nevils@lpha.mo.gov>
Subject: Records request

Hi,
We are performing a Phase I Environmental Site Assessment of the subject property Parcel # 152003301006000, in Sedalia, Missouri and were curious if the health department had a record of any environmental issues associated with the property?

Thanks!

Alli Schmitt | Project Manager
AP Engineering & Consulting, Inc. **|** 6135 West 400 North **|** Greenfield, IN 46140
Phone: (317) 436-7529 **| Mobile: (317) 690-4351**
Email: aschmitt@apecindy.com **|** Web: www.apecindy.com



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APPENDIX K

Qualifications and Résumés of Environmental Professionals

ALLISON SCHMITT
Due Diligence Project Manager

Years of Experience:
5 years

Education:

Purdue University, West Lafayette, IN
Bachelor of Science in Natural Resources and Environmental Science (NRES)

Registrations:

OSHA Hazardous Waste Site Operations
40-Hour training, 29 CFR 1910-1201

INDOT Qualified Independent Assurance Technician Certification

Ms. Schmitt's experience includes conducting environmental due diligence, soil, and groundwater sampling and remediation activities for commercial development projects throughout the Midwest.

Ms. Schmitt supervises the field activities for environmental operations, as well as assisting in activities associated with remediation of hazardous materials.

Her experience in GIS mapping applications, contaminant modeling, soil, groundwater and vapor sampling, wastewater compliance, and assessment of environmental liability is vital in the projects she works on for private development Clients. Her work in this area has focused on Phase I Environmental Site Assessments, Phase II Subsurface Investigations, petroleum and chlorinated solvent contamination remediation, hazardous and non-hazardous waste characterization/permitting, site mapping and characterization, remediation, and geologic and hydrogeologic data interpretation.

Field experience includes geotechnical testing, geologic/hydrogeologic sciences, field mapping, subsurface mapping, and GIS/GPS applications in the field sampling soil, groundwater and sub-slab vapor/indoor air/soil-gas for contaminated sites, and soil classification. Management experience includes maintaining project budgets, scheduling field work activities coordination with clients and subcontractors, managing field personnel, and report preparation.

CAMERON ABBOTT, CHMM #23449
Director of Operations

Years of Experience:
10 years

Education:

Purdue University, B.S. Natural Resources and Environmental Sciences, 2013

Registrations:
Certified Hazardous Materials Manager #23449, March 2019-current

OSHA Hazardous Waste Site Operations 40-Hour training, 29 CFR 1910-1201, 2015 with all current 8-Hour Refreshers

Certified Asbestos Inspector

National Environmental Policy Act (NEPA) Certified Environmental Professional

Mr. Abbott has supervised and conducted thousands of asbestos inspection and sampling projects and Phase I and Phase II environmental due diligence projects. He has also conducted site characterizations and remediation activities for major retail petroleum and chlorinated solvent projects. His experience on these sites includes investigation and remediation of soil, groundwater, and sub/slab and indoor vapor.

Mr. Abbott specializes in due diligence, including reviewing past property usage, property ownership and property transfers, historical maps, aerial photographs, and Sanborn Fire Insurance Maps conducted for property transactions.

He has experience with federal, state, and municipal government projects, industrial and private sector sites. His technical document experience includes Asbestos Inspection and Mitigation Reports, Phase I & II ESAs, Site Closure Reports, and Corrective Action Plans (CAP) for the remediation of sites with petroleum and chlorinated solvent contamination. He coordinates with local and federal environmental management offices and the Environmental Protection Agency (EPA) for projects involving Brownfields programs.

Mr. Abbott manages technical staff, prepares cost estimates and proposals, and coordinates with clients and subcontractors. He has experience coordinating with local and federal environmental management offices including EPA, IDEM State Cleanup, VRP, Brownfields, and LUST.

APPENDIX L

Previous Environmental Reports

CORRECTIVE ACTION AND GROUNDWATER MONITORING REPORT UNION PACIFIC RAILROAD LEASED PROPERTY FORMER OLD HUDSON GASOLINE STATION LSP LU #1999 SEDALIA, MISSOURI

PREPARED FOR:
UNION PACIFIC RAILROAD
ENVIRONMENTAL MANAGEMENT
1416 DODGE STREET
OMAHA, NEBRASKA 68179

PREPARED BY:

ENVIRONMENTAL DECISION GROUP, INC.
Innovative Services • Advanced Technology

5665 FLATIRON PARKWAY
BOULDER, COLORADO 80301

SEPTEMBER 7, 1999

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EXECUTIVE SUMMARY

On November 10, 1990, two 12,000 gallon, gasoline USTs were removed from the former Old Hudson Gas Station site at 651 East Broadway Boulevard, Sedalia, Missouri (LSP LU#1999). During excavation, EDG personnel observed gasoline-stained soil in the immediate vicinity of the tanks. The MDNR was notified of the release and approximately 1,731 tons of petroleum hydrocarbon impacted soil was excavated and transported by truck to the Central Missouri landfill in Sedalia, Missouri for offsite disposal.

Initial and supplemental site assessments were conducted at the former UST site in June 1991 and May 1994, respectively. Periodic groundwater monitoring activities were initiated at the site in March 1992. The results of the site assessments and groundwater monitoring activities are summarized in this report.

In May 1998 EDG coordinated the excavation and offsite disposal of approximately 1,817 tons of soil from two separate areas located in the southern and central portions of the site. The main excavation, completed in May 1998, encompassed the area immediately adjacent to, and south of, the initial soil excavation that was completed in November 1990. Following completion of the excavation activities, confirmation soil samples were collected from the bottom and side-walls of the excavations. The confirmation soil samples were laboratory analyzed for Total Petroleum Hydrocarbons (TPH) as gasoline and Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) by EPA Method 8020/OA1, Total Extractable Hydrocarbons (TEPH) by EPA Method 8015/OA2, and Methyl-tert-butyl Ether (MTBE) by EPA Method 8020. The soil sample analytical results were then compared to the site-specific soil cleanup levels in order to determine if the soil remediation efforts were complete. All final confirmation soil samples collected from the two excavations reported TPH, BTEX, and MTBE concentrations below the site cleanup levels.

Since the completion of remedial corrective actions in May 1998, two semi-annual groundwater monitoring events have been conducted at the site. Water samples collected in October 1998 and April 1999 were analyzed for TPH and BTEX constituents. Groundwater quality results for both monitoring events were below the MDNR LUST Non-Potable Groundwater Cleanup Levels (MDNR, March 1996).

In accordance with the findings and conclusions of this report, EDG recommends that no further action is required regarding the petroleum hydrocarbon impacts related to the former USTs.

1. INTRODUCTION

This underground storage tank (UST) corrective measures and groundwater monitoring report presents the results of the soil remediation and groundwater monitoring that was conducted by Environmental Decision Group (EDG) for Union Pacific Railroad (UPRR). The UST site is located at 651 East Broadway Boulevard, Sedalia, Missouri (State ID# R0001999). The corrective measures and groundwater monitoring activities described in this report were conducted in accordance with the corrective action plan (EDG, February 1995) that was approved by the Missouri Department of Natural Resources (MDNR) on March 13, 1995.

1.1. PURPOSE AND SCOPE

The purpose of the corrective measures and groundwater monitoring activities is to fulfill the requirements set forth by the MDNR in order to achieve site closure.

The scope of the corrective measures and groundwater monitoring activities involved the following tasks:

- Review of previous UST removal, site assessment and site remedial actions;
- Over-excavation and off-site disposal of approximately 1,817 tons of petroleum hydrocarbon impacted soil;
- Collection and laboratory analyses of confirmation soil samples from the base and side-walls of the soil excavations;
- Collection and laboratory analyses of groundwater samples on a semi-annual basis following completion of the site soil remedial actions; and
- Preparing a corrective measures and groundwater monitoring report.

All tables and figures for this report are included in the "Tables" and "Figures" sections after the "References" section of this report.

1.2. Background Information

Site Description and History

The former UST site (LSP LU#1999) is located at 651 East Broadway Boulevard, Sedalia, Missouri (Figure 1). The property is located in a commercial/non-residential area, is comparatively flat, and encompasses approximately one acre. The property is owned by UPRR and historically has been leased to various petroleum distributors (Figure 2). Formally a gasoline station was located in the southern portion of the site, bordering Broadway Boulevard. In addition, a bulk fuel distribution facility and automobile and truck repair facility were located in the central and northern portions of the site property. Currently the property is vacant and UPRR is negotiating the sale of the site property following completion of the UST remediation and site closure.

2. TANK REMOVAL AND SITE ASSESSMENT SUMMARY

In October 1990, two 12,000 gallon, steel, gasoline USTs were located on the UPRR lease property. The tanks were previously used in conjunction with the Old Hudson Gasoline Station. The exact age and the date that the tanks were last in use is unknown.

2.1. Tank Excavation and Corrective Action (November 10, 1990)

In October 1990, EDG conducted the necessary agency notification, paid the appropriate permit application fees, and received authorization to remove two gasoline tanks from the site. On November 10, 1990, the USTs were excavated and shipped by truck to Tanks Away, Inc. in Federal Heights, Colorado for offsite disposal. During excavation, EDG personnel observed gasoline-stained soil in the immediate vicinity of the tanks. After excavation, inspection of the tanks revealed that one tank possessed a small (approximate quarter-inch) hole due to corrosion. At this time the MDNR was notified of the release, and corrective actions were initiated.

From November 13 through 15, 1990, approximately 1,731 tons (1,154 cubic yards) of petroleum hydrocarbon impacted soil was excavated and transported by truck to the Central Missouri landfill in Sedalia, Missouri for offsite disposal. The area excavated included the tank berths, the area beneath the associated piping, and the former pump islands. Following excavation, six confirmation soil

samples and two groundwater samples were collected from within the open excavation. Laboratory analyses reported total petroleum hydrocarbon (TPH) and benzene, toluene, ethylbenzene, xylene (BTEX) concentrations in soil at below the MDNR Leaking Underground Storage Tank (LUST) Corrective Action Cleanup Goals. However, one groundwater sample reported a benzene concentration of 0.220 mg/L, which exceeded the MDNR LUST Non-Potable Groundwater Cleanup Guideline of 0.05 mg/L. The results of the UST removal and soil excavation were presented in the *Site Assessment Leaking Underground Storage Tank Closures* report (USPCI/EDG, January 1991).

2.2. INITIAL SITE ASSESSMENT

EDG conducted an initial site assessment of the UPRR lease property in June 1991. The initial assessment included the drilling of six soil borings and installation of three groundwater monitoring wells (Figure 3). The initial assessment also included the collection of eight soil samples and four groundwater samples for laboratory analyses (Table 1). The findings of the initial site assessment indicated that elevated levels of gasoline-range hydrocarbons remained in the shallow soil and groundwater at the site. The results of the site assessment were presented in the *Site Assessment, Leaking Underground Storage Tank Closures* (USPCI/EDG, February 27, 1992).

2.3. SUPPLEMENTAL SITE ASSESSMENT

EDG conducted a supplemental site assessment at the UPRR lease property in May 1994. The supplemental site assessment included the drilling of nine soil borings and the installation of five groundwater monitoring wells (Figure 3). The supplemental assessment also included the collection of 13 soil samples and nine groundwater samples for laboratory analysis (Table 2). The findings of the supplemental site assessment further confirmed that petroleum hydrocarbon impacted soil and groundwater remained at the site.

Additional assessment activities included an evaluation of historical information that was available for the site and surrounding area. A survey of registered wells reported that the closest active water well is approximately one quarter mile southwest of the site. Records indicate that this well was drilled in 1942 and completed to a depth of 1,580 feet. Evaluation of all three wells located within one half mile radius of the site indicates that the local area wells produce water from depths that are significantly below the shallow surface aquifer. The results of the supplemental site assessment are presented in the *Supplemental Site Characterization Report and Feasibility Study* (USPCI/EDG, February 3, 1995).

2.4. GROUNDWATER MONITORING

In June 1991 EDG installed three groundwater monitoring wells at the site. In May 1994 EDG installed an additional five monitoring wells, including two offsite, downgradient wells (MW-5 and MW-6). Periodic groundwater monitoring activities, including water level measurement and groundwater sample collection, were initiated at the site in March 1992. The cumulative groundwater monitoring analytical results are presented in Table 3. The cumulative groundwater elevation measurements are presented in Table 4.

3. CORRECTIVE ACTIONS, MAY 21 – 27, 1998

In May 1998 EDG returned to the site in an attempt to over-excavate the remaining areas of hydrocarbon impacted soils. During this second phase of soil excavation, a total of approximately 1,817 tons (1,211 cubic yards) of soil were removed from two separate areas of excavation located in the southern and central portions of the site (Figure 4). The main excavation encompassed the area immediately adjacent to, and south of, the initial soil excavation that was completed in November 1990. The Product Line Excavation encompassed a small area in the central portion of the site with observed hydrocarbon impacts. Descriptions of the excavation activities, including the results of the conformation soil sampling, are presented below.

3.1. EXCAVATION PROCEDURES AND SAFETY PRECAUTIONS

Prior to excavation, EDG completed a comprehensive underground utility clearance of the site. EDG personnel and contractors reviewed and signed the site-specific EDG Health and Safety Plan. A Missouri Department of Transportation approved traffic control plan was instituted to divert traffic from the right lane on the north side of Highway 50 in close proximity to the site. A flashing diversion sign with intermittent orange safety cones were placed to merge traffic into one lane. The sidewalk around the site was barricaded and pedestrian traffic was detoured. As excavation activities progressed, a temporary orange fence was placed around the open excavation. Excavation equipment was parked overnight on the site such to further block access to the open excavation.

Initial excavation activities included the removal of surface concrete in the area of the Main Excavation. Approximately 100 feet of concrete sidewalk and the remaining portion of the former service station driveway were removed to allow for the excavation of the underlying soils. Photographs of the excavation procedures are presented in Appendix A.

3.2. MAIN EXCAVATION

The results of the UST removal and soil excavation (November 1990), the initial site assessment (February 1992), and the supplemental site assessment (February 1995), were used to direct the soil excavation activities in May 1998. An EDG geologist was present to direct the soil excavation and to employ field screening techniques to help determine the remaining lateral and vertical extent of petroleum hydrocarbon impacts in soil. Soil screening techniques employed by EDG included:

- Head-space screening using a hand-operated organic vapor monitor (OVM),
- visual and olfactory observations, and
- soil location with respect to the areas of known impact as determined during previous site assessment activities.

The main excavation bordered State Highway 50 to the south and covered a surface area of approximately 4,000 square feet (Figure 5). The excavation dimensions were roughly 100 feet long by 40 feet wide. Depths within the main excavation ranged from 9 to 15 feet below ground surface. Groundwater was not encountered during completion of the main excavation.

3.3. PRODUCT LINE EXCAVATION

During removal of an abandoned product line, hydrocarbon impacted soils were discovered in a small area in the central portion of the site. The discovery prompted the completion of a second, smaller excavation (Figure 6). The product line excavation was directed by the onsite EDG geologist based upon field screening techniques. The second excavation was completed down to the surface of the underlying bedrock at 12.5 feet. Groundwater was not encountered during completion of the product line excavation.

3.4. CONFIRMATION SOIL SAMPLING AND MDNR SOIL CLEANUP LEVELS

Following completion of the excavation activities, confirmation soil samples were collected from the botrom and side-walls of the excavations. Side-wall samples were collected one foot above the bottom of the excavation. Soil samples were submitted to Pace Analytical Services,

Inc. in Lenexa, Kansas for laboratory testing. The confirmation soil samples were laboratory analyzed for Total Petroleum Hydrocarbons (TPH) as gasoline and Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) by EPA Method 8020/OA1, Total Extractable Hydrocarbons (TEPH) by EPA Method 8015/OA2, and Methyl-tert-butyl Ether (MTBE) by EPA Method 8020.

The soil cleanup levels for the site were determined following the MDNR Underground Storage Tank Closure Guidance Document (MDNR, March 1996). A MDNR LUST Soil Cleanup Guidelines for Undisturbed Soil score sheet was completed based on site-specific information and recorded a total site score of 95. As determined by the site score, the corresponding soil cleanup levels listed in the MDNR guidance are as follows:

TPH	200 mg/kg
BTEX	1/5/10/10 mg/kg

The MDNR LUST Soil Cleanup Guidelines for Undisturbed Soil score sheet for the site is presented in Appendix B.

3.5. Main Excavation – Conformation Soil Sample Results

The main excavation was considered complete when: 1) laboratory results of the confirmation soil samples were below site cleanup levels, 2) stained soil was no longer visible, 3) gasoline odors were no longer present, and 4) OVM readings were less than 10 ppm in representative samples. To determine the effectiveness of the remedial actions, eight confirmation soil samples were collected from the side-walls and floor of the main excavation and laboratory analyzed on a rush basis (Figure 5). The soil sample analytical results were then compared to the site-specific soil cleanup levels.

One soil sample (SW-W13), taken from the southern wall of the excavation exceeded soil cleanup level for TPH (SW-W13, 590 mg/kg TPH). Following receipt of the soil analytical result, additional soil was removed from the southern wall of the excavation. This area was then re-sampled and the resulting analysis reported TPH concentrations below the soil cleanup levels (SW-2W12, 51 mg/kg TPH). All other confirmation soil samples collected from the main excavation reported TPH and BTEX concentrations below the site cleanup levels. The confirmation soil sample analytical results for the main excavation are presented in Table 5, and the laboratory data sheets and chain of custody records are presented in Appendix C.

3.6. Product Line Excavation – Confirmation Soil Samples

The same evaluation criteria used in the main excavation were used in the product line excavation to determine the effectiveness of the remedial actions. Four confirmation soil samples were collected from the side-walls and floor of the product line excavation. In addition, one soil sample (PL) was collected from 6 inches beneath the ruptured product line, at a depth of approximately three feet. Laboratory analyses reported that TPH concentrations in the shallow product line sample exceeded the site soil cleanup levels (PL, 312 mg/kg TPH). However, an additional sample (soil sample NWL-6) was later collected from approximately the same location as the product line sample, but at a depth of 6 feet, following excavation of impacted soil. Laboratory analyses of soil sample NWL-6 reported a TPH concentration below the site cleanup level of 200 mg/kg (NWL-6, 120 mg/kg TPH). All other confirmation soil samples collected from the product line excavation reported TPH and BTEX concentrations below site cleanup levels. The confirmation soil analytical results for the product line excavation are presented in Table 5 and laboratory data sheets and chain of custody records are presented in Appendix C.

3.7. Monitor Well Impacts

Four shallow onsite groundwater monitoring wells (MW-1, MW-2, MW-3 and MW-4) were decommissioned during completions of the corrective actions. The former monitoring wells ranged in depth between 12.5 feet and 14.5 feet. At each location, grout, casing and filterpack in each monitoring well was completely removed through over-excavation activities that exceeded the total depth of the well. Figure 3 shows the four former monitoring well locations as well as the four existing monitoring wells locations (MW-5, MW-6, MW-7 and MW-8).

3.8. Excavation Closure

Following receipt of the confirmation soil sample analytical results, the open excavations were backfilled to ground surface. Approximately 1,400 tons of clean backfill was imported and placed in the open excavations. Concrete slabs removed during excavation activities were also used as fill for the Main Excavation. The excavations were then thoroughly compacted. An additional 85 tons of topsoil were imported to aid in the restoration of plant growth on the property. Lastly the concrete sidewalk along the north side of Highway 50 was replaced.

3.9. SOIL DISPOSAL

During the May 1998 soil remediation activities approximately 1,817 tons of hydrocarbon impacted soil was excavated and transferred by truck to the Allied Waste Industries, Inc., Show Me Landfill in Warrensburg, Missouri. The final truck shipment of soil was received by the landfill on May 27, 1998. Copies of the soil disposal documentation including landfill weight tickets and cumulative summary are presented in Appendix D.

4. GROUNDWATER MONITORING

In June 1991 EDG installed three groundwater monitoring wells during completion of the initial site assessment. In May 1994 EDG returned and installed five additional monitoring wells, including two offsite, downgradient wells (MW-5 and MW-6). Groundwater monitoring activities, including collecting water level measurements and groundwater samples, were initiated at the site in March 1992. A cumulative summary of groundwater monitoring activities was presented to the MDNR in the *Groundwater Monitoring Report* (Laidlaw/EDG, June 7, 1995). A brief summary of site hydrology and groundwater impacts is presented below.

4.1. SITE HYDROLOGY AND GROUNDWATER IMPACTS

Shallow groundwater at the site was first encountered during drilling at depths ranging from 8 to 12 feet below ground surface. The groundwater appears to be partially confined by the shallow underlying fine-grained sediments (clay). An increase of approximately 4 to 6 feet was reported between the depth to where groundwater was first encountered during drilling and the static water level elevation measures in the completed monitoring wells. Groundwater elevation measurements recorded over a period of eight years indicate that the shallow groundwater gradient (flow direction) is predominantly to the southeast. In addition, historic elevation measurements indicate that groundwater elevations fluctuate as much as 4 feet at the site.

In June 1991, TPH and BTEX concentrations were detected in two onsite monitoring wells (MW-2 and MW-3). In May 1994, TPH and BTEX concentrations were detected in one offsite, downgradient monitoring well (MW-5). Since the initial sampling events, TPH and

BTEX concentrations in groundwater have decreased at each monitoring well location. Cumulative groundwater analytical results are presented in Table 3.

4.2. Groundwater Monitoring, October 1998 and April 1999

Since the completion of May 1998 soil excavation, two semi-annual groundwater monitoring events were conducted in October 1998 and April 1999. Groundwater samples were collected from all four remaining monitoring well locations and laboratory analyzed for TPH and BTEX constituents. Groundwater analytical results for both monitoring events reported TPH and BTEX concentrations below the MDNR LUST Non-Potable Groundwater Cleanup Levels (MDNR, March 1996, presented in Appendix B). Cumulative groundwater analytical results are presented in Table 3. Laboratory data sheets and chain of custody records for the two most recent groundwater sampling events are presented in Appendix E. Cumulative groundwater elevation measurements are presented in Table 4.

4.3. Natural Attenuation / Biodegradation

Natural attenuation results in decreases in chemical concentrations with time and includes such processes as biodegradation, volatilization, hydrolysis and other chemical reactions. Existing groundwater monitoring data indicates that natural attenuation appears to be ongoing at the former UST site. Groundwater analytical results have reported dramatic reductions in benzene concentrations with time at several well locations across the site (Table 4). Benzene concentrations in monitoring well MW-5 have decreased by nearly an order of magnitude since the initial monitoring event in May 1994.

Gasoline constituents released to the subsurface degrade naturally and comparatively quickly under most field conditions. The effects of natural attenuation will result in rapidly reduced soil and groundwater concentrations of the gasoline constituents at most sites (LLNL, 1995). Recent field and laboratory studies that are documented in scientific literature have identified significant reductions in benzene concentrations due to natural biodegradation in both aerobic (Chiang et al., 1989; Testa and Winegardner, 1991) and anaerobic (Wilson and Rees, 1986) hydrochemical environments. The biological half-life values for benzene in groundwater identified in the scientific literature include the following: 0.20 years (Chiang et al., 1989), 0.02-0.20 years (Gherini et al., 1989), 0.30 years (Davis and Olsen, 1990), and 0.10-2.0 years (Howard et al., 1993).

5. SUMMARY AND CONCLUSIONS

The following summarizes the results of the UST removal, site assessment, soil remediation, and groundwater monitoring activities. Conclusions are presented in accordance with the findings of the site activities.

5.1. SUMMARY

On November 10, 1990, two 12,000 gallon, gasoline USTs were removed from the former Old Hudson Gas Station site in Sedalia, Missouri (LSP LU#1999). During excavation, EDG personnel observed gasoline-stained soil in the immediate vicinity of the tanks. The MDNR was notified of the release and approximately 1,731 tons of petroleum hydrocarbon impacted soil was excavated and transported by truck to the Central Missouri landfill in Sedalia, Missouri for offsite disposal.

An initial and supplemental site assessment was conducted at the former UST site in June 1991 and May 1994, respectively. Periodic groundwater monitoring activities were initiated at the site in March 1992. The results of the site assessments and groundwater monitoring activities are summarized in this report and presented in detail in the *Site Assessment, Leaking Underground Storage Tank Closures* (USPCI/EDG, February 27, 1992), *Supplemental Site Characterization Report and Feasibility Study* (USPCI/EDG, February 3, 1995), and *Groundwater Monitoring Report* (Laidlaw/EDG, June 7, 1995).

In May 1998 EDG coordinated the excavation and offsite disposal of approximately 1,817 tons of soil from two separate areas located in the southern and central portions of the site. Following completion of the excavation activities, confirmation soil samples were collected from the bottom and side-walls of the excavations. The confirmation soil samples were laboratory analyzed for TPH, TEPH, BTEX, and MTBE. The soil sample analytical results were then compared to the site-specific soil cleanup levels in order to determine if the soil remediation efforts were complete. All final confirmation soil samples collected from the two excavations reported TPH, BTEX, and MTBE concentrations below the site cleanup levels.

Since the completion of remedial corrective actions in May 1998, two semi-annual groundwater monitoring events have been conducted at the site. Water samples collected in October 1998 and April 1999 were analyzed for TPH and BTEX constituents. Groundwater analytical results for both monitoring events reported TPH and BTEX concentrations below the MDNR LUST Non-Potable Groundwater Cleanup Levels (MDNR, March 1996).

5.2. CONCLUSIONS

The results of the corrective action and groundwater monitoring activities indicate the following:

1. The source areas of hydrocarbon-impacted soil have been removed. All final confirmation soil samples reported TPH, BTEX and MTBE concentrations below the site cleanup levels. Therefore no further action is necessary for site soils.
2. Groundwater monitoring analytical results for October 1998 and April 1999 monitoring events reported TPH and BTEX concentrations below the MDNR LUST Non-Potable Groundwater Cleanup Levels. Therefore no further remedial actions or groundwater monitoring is necessary.
3. Any remaining minor concentrations of petroleum hydrocarbons in both soil and groundwater will be addressed by natural attenuation.

6. RECOMMENDATIONS

In accordance with the findings and conclusions of this report, EDG recommends that no further remedial or monitoring action be taken regarding the petroleum hydrocarbon impacts related to the former USTs. We recommend that the formal closure process be initiated in accordance with the MDNR guidelines. Closure will include plugging and abandoning the four remaining groundwater monitoring wells.

This recommendation is based on the removal of all USTs from the site, the commercial/non-residential setting, the natural biodegradation potential of petroleum hydrocarbons, and the low potential risk of petroleum hydrocarbons in the shallow subsurface soils at the former UST site. Any remaining hydrocarbon-impacted soil and groundwater is unlikely to pose an unacceptable risk to human health or the environment since both soil and groundwater cleanup levels have been met.

In order to document the proper completion of requirements for closure of the UST site, EDG, on behalf of UPRR, requests that the Missouri Department of Natural Resources issue a closure letter for the site following the decommissioning of the existing wells at the site.

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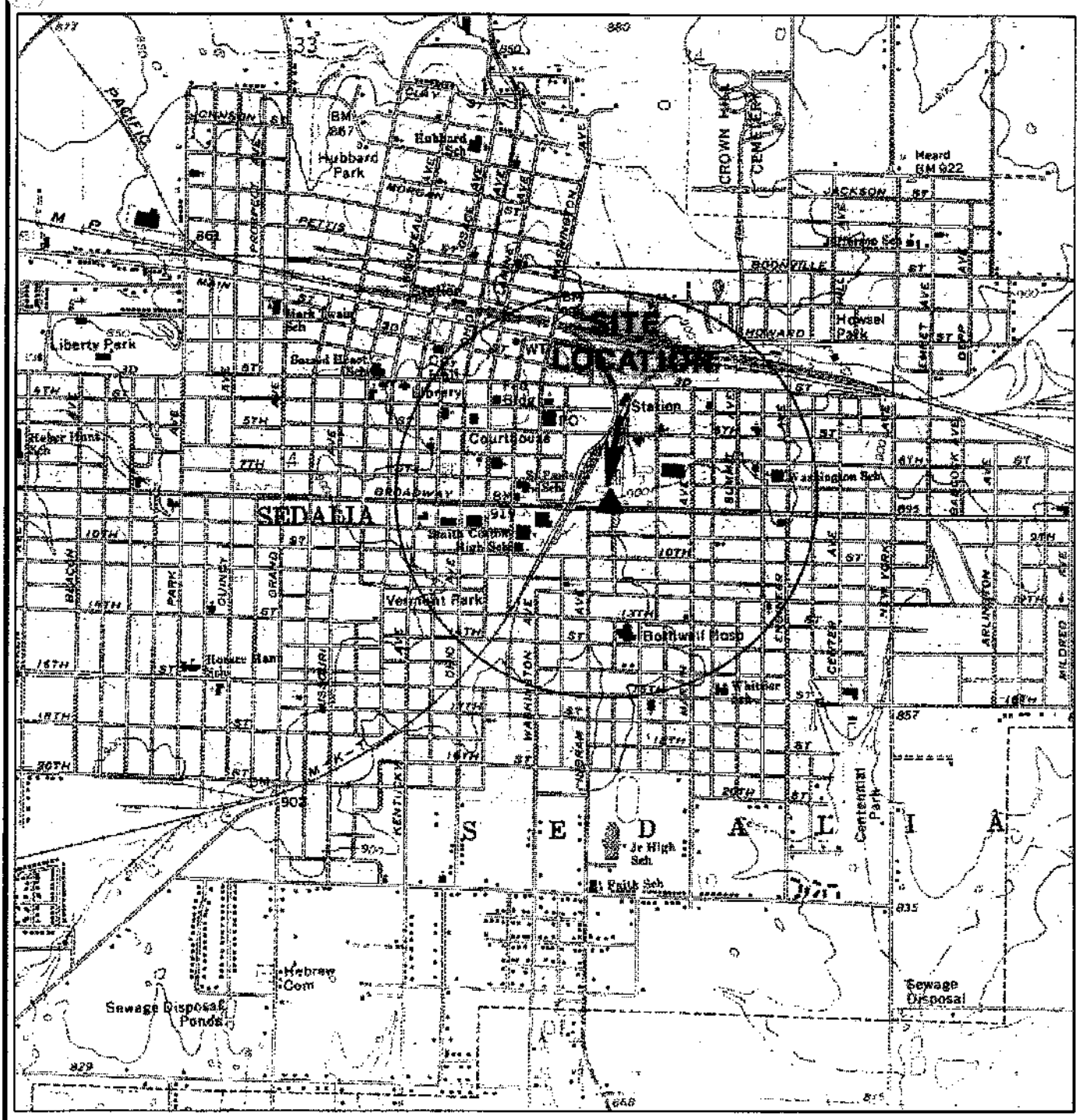
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FIGURES



North

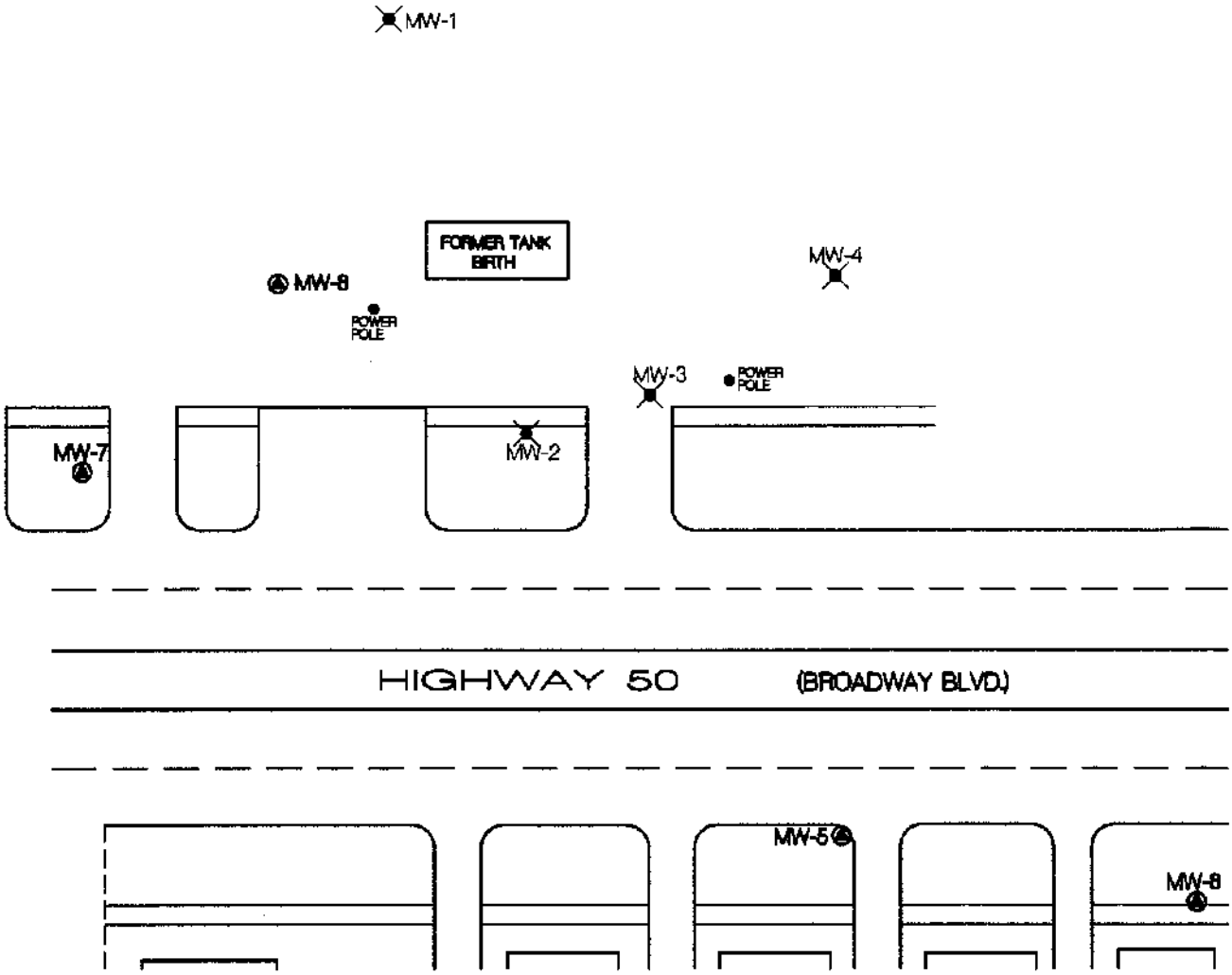
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OLD HUDSON STATION - SEDALIA, MISSOURI

FIGURE 1
SITE LOCATION MAP

SCALE	DATE
1" = 2000'	8/10/99

065120-LOCMAP



LEGEND

- EXISTING MONITORING WELL
- ABANDONED MONITORING WELL

North

0 40

FEET

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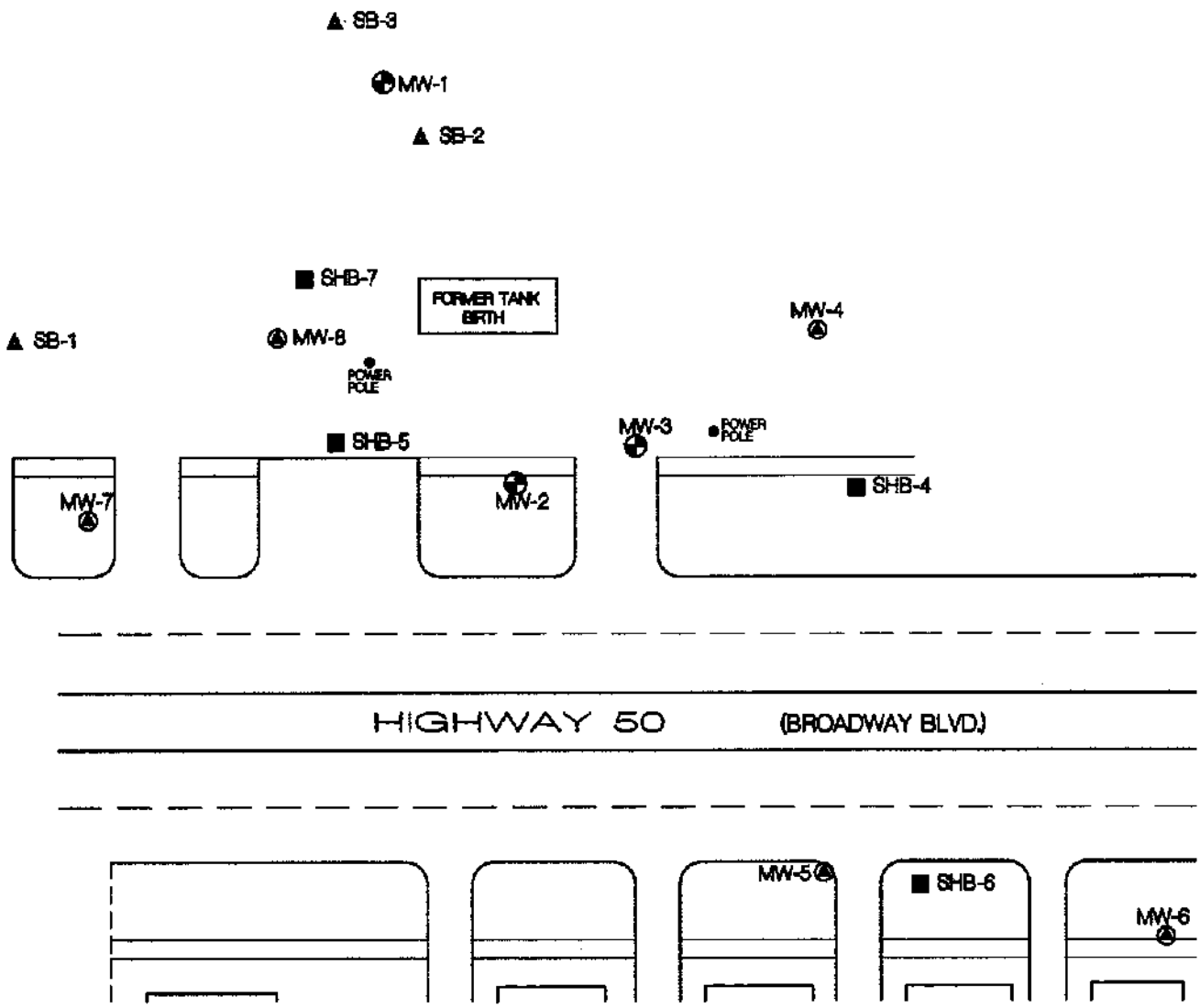
OLD HUDSON STATION - SEDALIA, MISSOURI

FIGURE 2
SITE MAP

SCALE: 1" = 40'

APPROVED/DATE: 8/31/99

635120-01



LEGEND

- ▲ INITIAL ASSESSMENT SOIL BORING (6/91)
- ⊕ INITIAL ASSESSMENT MONITORING WELL (6/91)
- ■ SUPPLEMENTAL ASSESSMENT SOIL BORING (5/94)
- ⊕ SUPPLEMENTAL ASSESSMENT MONITORING WELL (5/94)

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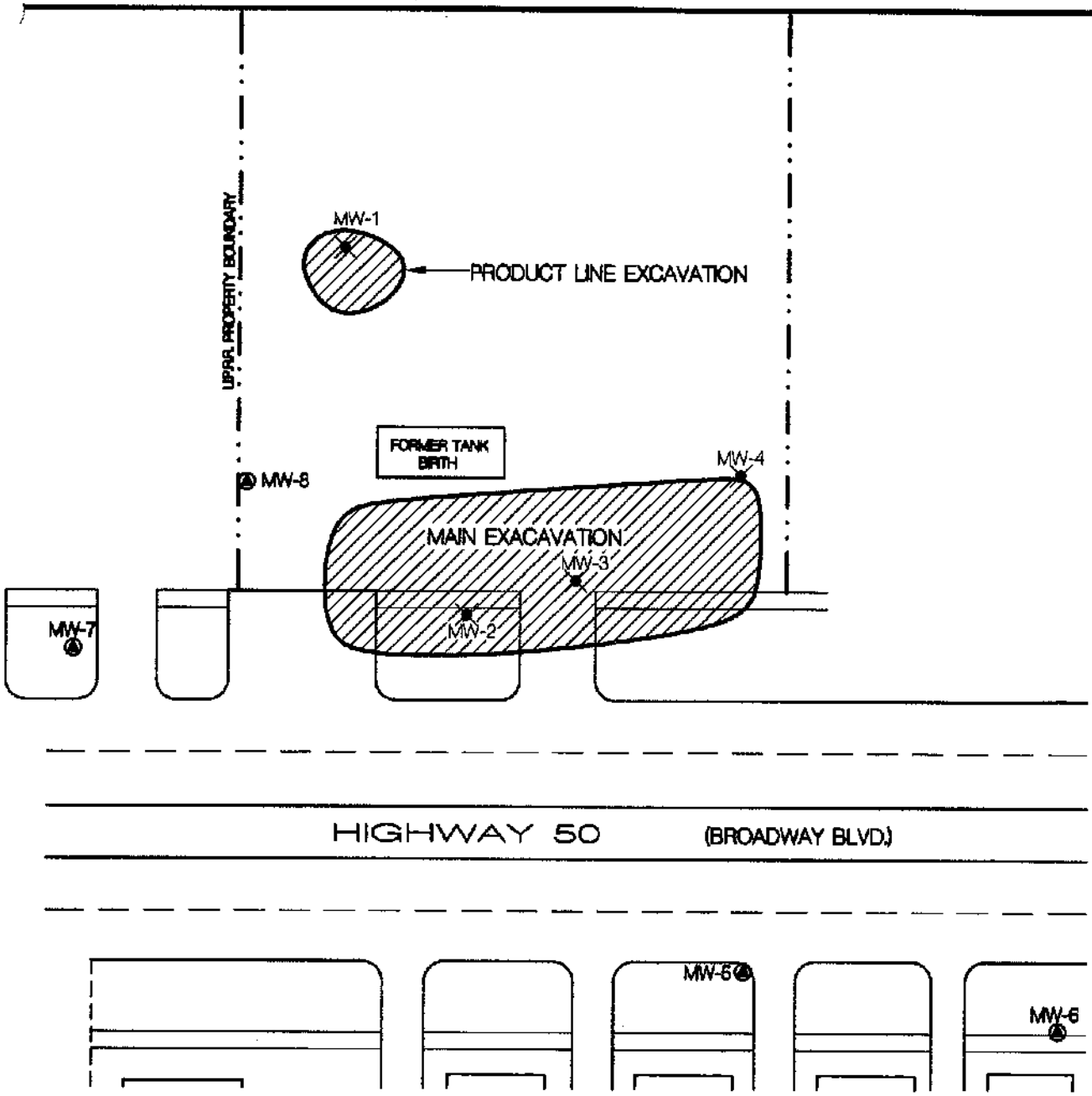
OLD HUDSON STATION - SEDALIA, MISSOURI

FIGURE 3
SITE ASSESSMENT SOIL BORINGS AND MONITORING WELL LOCATIONS

SCALE: 1" = 40'

APPROVED/DATE 8/31/99

635120-04



LEGEND

- EXISTING MONITORING WELL
- ABANDONED MONITORING WELL

North

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A Bailey-Kleen Company

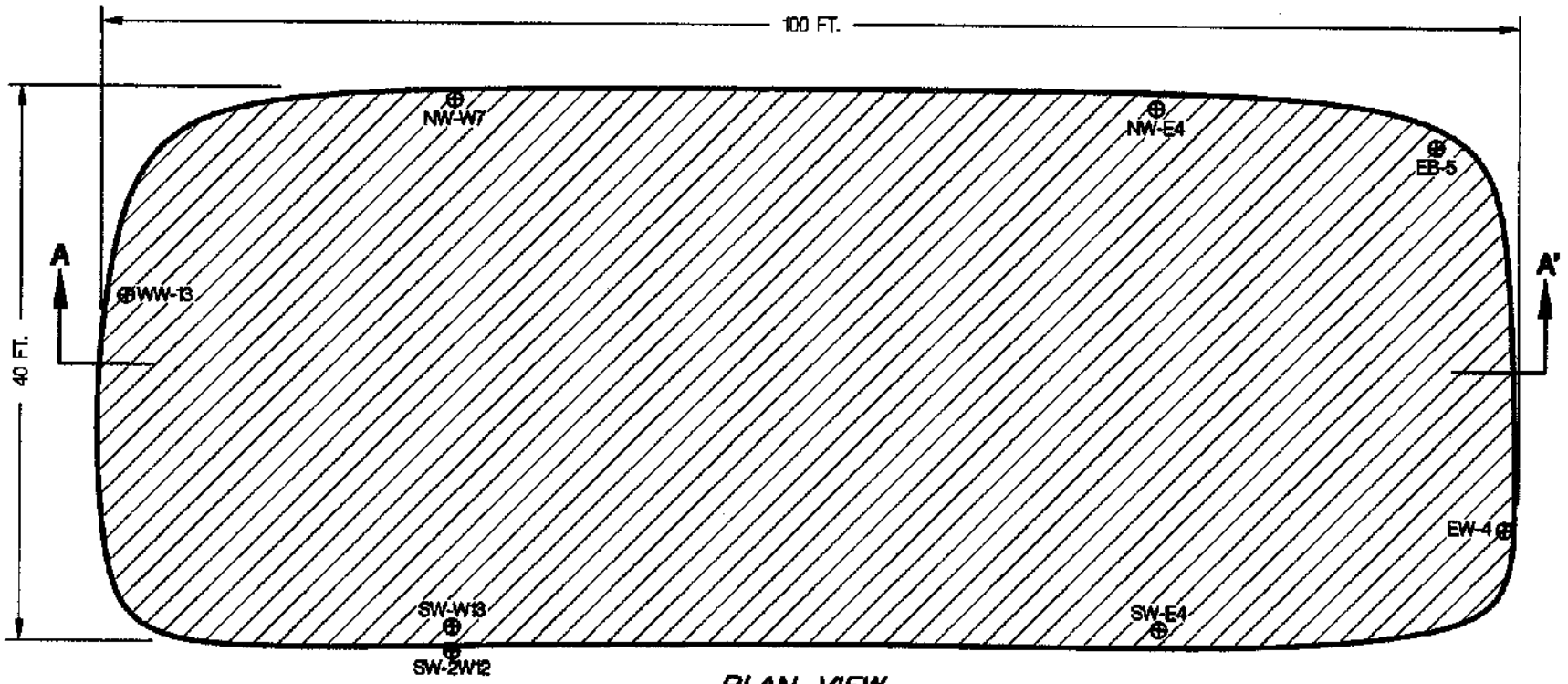
OLD HUDSON STATION - SEDALIA, MISSOURI

FIGURE 4

SOIL REMEDIATION AREAS - MAY 1998

SCALE	APPROVED/DATE
1" = 40'	8/31/99

605120-05



PLAN VIEW

HIGHWAY 50 (BROADWAY BLVD.)

NOTE: ALL DIMENSIONS ARE APPROXIMATE
DRAWING SCALE APPROXIMATE

LEGEND

⊕ SOIL SAMPLE LOCATIONS

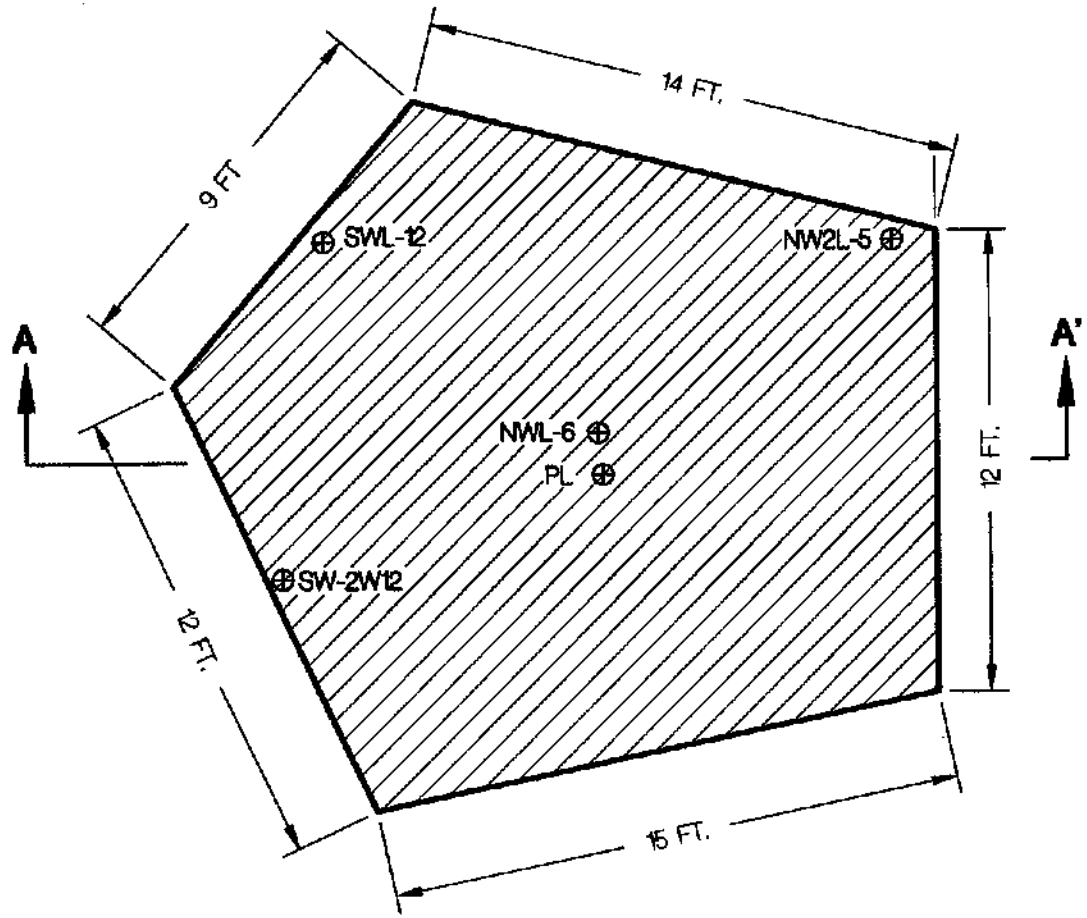
605120-02

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OLD HUDSON STATION - SEDALIA, MISSOURI

FIGURE 5
MAIN EXCAVATION
CORRECTIVE ACTION MAY 1998

SCALE	DATE
DIMENSIONED	9/2/99



NOTES: ALL DIMENSIONS ARE APPROXIMATE
DRAWING SCALE IS APPROXIMATE

PL-SAMPLE WAS COLLECTED FROM 6" BENEATH PRODUCT LINE PRIOR TO DEEP EXCAVATION

LEGEND

⊕ SOIL SAMPLE LOCATIONS

0 5
FEET

ENVIRONMENTAL DECISION GROUP, INC.
Innovative Services • Advanced Technology

OLD HUDSON STATION-SEDALIA, MISSOURI

FIGURE 6
PRODUCT LINE EXCAVATION
CORRECTIVE ACTION MAY 1998

SCALE:	DATE
1" = 5'	8/31/99

605120-03

TABLES

Table 1
Initial Site Assessment
Soil and Groundwater Analytical Results
651 East Broadway, Sedalia, MO
June 1991

Soil Samples

Boring/ Monitor Well	Sample ID	Depth (ft)	TPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Xylene (mg/kg)	Lead (mg/L)
Boring 1	HB3-45	4.0-5.0	<10	<0.005	<0.005	<0.005	<0.005	NA
Well 1	HW17	6.5-7.5	<10	<0.005	<0.005	<0.005	<0.005	NA
Well 1	HW10-11	10.2-11.0	20	0.017	0.03	<0.005	0.15	6.7/6.4
Well 2	HW289	7.2-7.3	170	1.3	0.58	1.5	4.2	25
Well 3	HW3-79	7.2-8.4	190	<0.25	0.77	0.4	0.7	17/16
Well 3	HW3-15	11.5-12.0	18	0.28	0.17	0.34	0.97	NA

Groundwater Samples

Boring/ Monitor Well	Sample ID	TPH (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Xylene Compounds (mg/L)
Well 1	HW-1	NA	<0.001	0.002	<0.001	0.003
Boring 2	HB-1	<1.0	<0.001	<0.001	<0.001	<0.001
Well 2	HW-2	1,500	0.57	0.35	0.88	2.1
Well 3	HW-3	41	3.5	0.12	0.23	0.8
Trip Blank		NA	<0.001	<0.001	<0.001	<0.001

NA - Not Analyzed
#/# = Duplicate analysis

Table 2
Supplemental Site Assessment
Soil and Groundwater Analytical Results
651 East Broadway, Sedalia, MO
May 1994

Soil Samples

Boring/ Monitor Well	Date Collected	Sample ID	Depth (ft)	TPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Xylene Compounds (mg/kg)
Boring 4	5/4/94	SHB4-15	14.1-15.0	23	<0.001	<0.001	<0.001	<0.001
Boring 5	5/3/94	SHW4-4	3.5-4.5	16	<0.1	<0.1	<0.1	<0.1
Boring 5	5/3/94	SHB5--6	5.9-6.8	16	<0.001	<0.001	<0.001	<0.001
Boring 6	5/3/94	SHB6-11	10.6-11.6	43	<0.001	<0.001	<0.001	<0.001
Well 4	5/5/94	SHW4-5	5.0-5.8	30	<0.001	<0.001	<0.001	<0.001
Well 4	5/5/94	SHW4-13	12.5-13.5	23	<0.001	<0.001	<0.001	<0.001
Well 4	5/5/94	SHW4-23	dup	<10	<0.001	<0.001	<0.001	<0.001
Well 5	5/3/94	SHW5-4	4.5-5.5	<10	<0.001	<0.001	<0.001	<0.001
Well 5	5/3/94	SHW5-9	8.5-9.5	42	<0.500	0.53	<0.500	2.10
Well 6	5/4/94	SHW6-11	10.0-11.1	75	<0.001	<0.001	<0.001	<0.001
Well 7	5/4/94	SHW7-12	12.0-12.5	23	<0.001	<0.001	<0.001	<0.001
Well 8	5/5/94	SHW-11	10.7-12.0	30/29	<0.001	<0.001	<0.001	<0.001

Groundwater Samples

Boring/ Monitor Well	Date Collected	Sample ID	TPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Xylene Compounds (mg/kg)
Boring 5	5/4/94	SHW-5W	NA	<0.25	<0.25	1.00	1.2
Well 1	5/4/94	MW-1	10	<0.001	<0.001	<0.001	<0.001
Well 3	5/4/94	MW-3	5	0.12	0.0085	0.0059	0.011
Well 4	5/5/94	SHW-4	<1.0	<0.001	<0.001	<0.001	<0.001
Well 5	5/5/94	SHW-5W	2	0.25	0.006	0.021	0.026
Well 6	5/5/94	SHW-6	<1.0	<0.001	<0.001	<0.001	<0.001
Well 7	5/5/94	SHW-7	<1.0	<0.001	<0.001	<0.001	<0.001
Well 8	5/5/94	SHW-8	<1.0	<0.005	<0.005	<0.005	<0.005

NA = Not Analyzed
#/# = Duplicate analysis

Table 3
Cumulative Groundwater Analytical Results
Union Pacific Railroad Property
651 East Broadway, Sedalia, MO

Monitoring Well No.	Date Sampled	TPH (G) (mg/l)	TPH (D) (mg/l)	Benzene (ug/l)	Ethylb. (ug/l)	Toluene (ug/l)	Xylenes (ug/l)
MW-1	6/15/91			<1	<1	2	3
	3/19/92	1		<5	<5	<5	<5
	12/16/93	<0.5		<5	<5	<5	<5
	5/4/94	10		<1	<1	<1	<1
	2/16/95	<1		<1	<1	<1	<1
		Well destroyed in excavation May 1998					
MW-2	6/15/91	1,500		570	880	350	2100
	3/19/92	6,400		360	<300	<300	370
	9/22/95	<0.5	<0.5	<2	<2	<2	<2
	1/26/96	12		400	160	<20	98
		Well destroyed in excavation May 1998					
MW-3	6/15/91	41		3,500	230	120	800
	3/19/92	40		2,210	140	80	260
	5/4/94	5		120	8.5	5.9	11
	2/16/95	6		2,800	440	<50	310
	9/22/95	<5	3	1,780	90	220	320
	1/26/96	11		1300	95	27	100
		Well destroyed in excavation May 1998					
MW-4		Well installed May 1994					
	5/23/94			<1	<5	<5	<5
	2/16/95	4		<1	<1	<1	<1
	8/25/97	<0.1		<1	<1	<1	<1
		Well destroyed in excavation May 1998					
MW-5		Well installed May 1994					
	5/23/94	2		250	6	21	29
	2/16/95	<1		210	<20	<20	<20
	9/22/95	<0.05	0.4	132	4	<2	5
	1/26/96	0.25		18	<1	<1	<1
	10/24/96	<1		13	<1	<1	<1
	8/25/97	0.24		18.6	<1	2.8	5
	10/28/98	1.4	<1.0	28/23	<1	1.9/1.5	3.4/2.6
	4/27/99	1.8	<1.0	27/42	1.2/1.7	1.8/2.9	2.0/3.8
MW-6		Well installed May 1994					
	5/23/94	<1		<1	<1	<1	<1
	2/16/95	<1		<1	<1	<1	<1
	8/25/97	<0.1		<1	<1	<1	<1
	10/28/98	<1	<1	<1	<1	<1	<1
	4/27/99	<1	<1	<1	<1	<1	<1
MW-7		Well installed May 1994					
	5/23/94	<1		<1	<1	<1	<1
	2/16/95	<1		<1	<1	<1	<1
	10/28/98	<1	<1	<1	<1	<1	<1
	4/27/99			<1	<1	<1	<1
MW-8		Well installed May 1994					
	5/17/94	<1		<1	<1	<1	<1
	2/16/95	<1		<1	<1	<1	<1
	10/28/98	<1	<1	<1	<1	<1	<1
	4/27/99	<1	<1	<1	<1	<1	<1

#/# = Duplicate analysis

Table 4
Cumulative Groundwater Elevation Measurements
Union Pacific Railroad Property
651 East Broadway, Sedalia, MO

Monitoring Well No.	Date Sampled	Wellhead Elevation (msl)	Depth to Groundwater (feet)	Groundwater Elevation (msl)
MW-1	6/15/91	893.65	12.45	881.20
	3/17/92	893.65	6.89	886.76
	3/31/93	893.65	4.20	889.45
	6/25/93	893.65	5.28	888.37
	9/29/93	893.65	5.79	887.86
	12/19/93	893.65	4.01	889.64
	5/5/94	893.65	4.10	889.55
	2/16/95	893.65	5.77	887.88
	1/26/96	893.65	9.18	884.47
	8/25/97	893.65	5.76	887.89
	Well abandoned during excavation May 1998			
MW-2	6/15/91	891.79	6.89	884.90
	3/17/92	891.79	6.47	885.32
	3/31/93	891.79	4.90	886.89
	6/25/93	891.79	5.50	886.29
	9/29/93	891.79	4.53	887.26
	12/19/93	891.79	3.49	888.30
	5/5/94	891.79	3.43	888.36
	2/16/95	891.79	5.37	886.42
	9/21/95	891.79	7.60	884.19
	1/26/96	891.79	6.67	885.12
	8/25/97	891.79	4.74	887.05
	Well abandoned during excavation May 1998			
MW-3	6/15/91	891.7	6.08	885.62
	3/17/92	891.7	6.09	885.61
	3/31/93	891.7	5.36	886.34
	6/25/93	891.7	5.80	885.90
	9/29/93	891.7	5.43	886.27
	12/19/93	891.7	6.38	885.32
	5/5/94	891.7	4.16	887.54
	2/16/95	891.7	5.87	885.33
	9/21/95	891.7	7.33	884.37
	1/26/96	891.7	7.25	884.45
	Well abandoned during excavation May 1998			

Table 4
Cumulative Groundwater Elevation Measurements
Union Pacific Railroad Property
651 East Broadway, Sedalia, MO

Monitoring Well No.	Date Sampled	Wellhead Elevation (msl)	Depth to Groundwater (feet)	Groundwater Elevation (msl)
MW-4	Well installed May 1994			
	5/6/94	891.9	2.78	889.12
	2/16/95	891.9	4.81	887.09
	9/21/95	891.9	6.58	885.32
	1/26/96	891.9	7.08	884.82
	8/25/97	891.9	4.96	886.94
	Well abandoned during excavation May 1998			
MW-5	Well installed May 1994			
	5/6/94	890.15	6.30	883.85
	2/16/95	890.15	6.60	883.55
	9/21/95	890.15	6.40	883.75
	1/26/96	890.15	6.76	883.39
	8/25/97	890.15	6.57	883.58
	10/28/98	890.15	6.16	883.99
	4/27/99	890.15	6.28	883.87
MW-6	Well installed May 1994			
	5/6/94	890.02	5.51	884.51
	2/16/95	890.02	6.02	884.00
	9/21/95	890.02	5.95	884.07
	1/26/96	890.02	6.12	883.90
	8/25/97	890.02	5.73	884.29
	10/28/98	890.02	5.77	884.25
	4/27/99	890.02	4.54	885.48
MW-7	Well installed May 1994			
	5/6/94	892.58	4.79	887.79
	2/16/95	892.58	6.60	885.98
	9/21/95	892.58	3.60	888.98
	1/26/96	892.58	7.90	884.68
	8/25/97	892.58	6.14	886.44
	10/28/98	892.58	5.10	887.48
	4/27/99	892.58	4.62	887.96
MW-8	Well installed May 1994			
	5/6/94	893.48	9.40	8884.08
	2/16/95	893.48	6.48	887.00
	9/21/95	893.48	5.20	888.28
	1/26/96	893.48	8.63	884.85
	8/25/97	893.48	5.99	887.49
	10/28/98	893.48	5.27	888.21
	4/27/99	893.48	0.96	892.52

Table 5
Confirmation Soil Samples
Analytical Results
Corrective Action - Main Excavation
651 East Broadway, Sedalia, MO
May 1998

Initial Analytical Results

Sample ID	Location (Wall/Bottom)	Depth (feet)	Extractable HC (mg/kg)	TPH-G (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Xylene Compounds (mg/kg)	MTBE (mg/kg)	Remarks
NW-E4	North (east side)	4	<10	17	<0.050	<0.050	0.1	<0.130	<0.260	1' above bottom
NW-W7	North (west side)	7	<10	100	<0.120	<0.120	0.49	0.61	<0.620	1' below former clean fill
SW-E4	South (east side)	5	<10	8.5	<0.050	<0.050	<0.050	<0.130	<0.260	1' above bottom
SW-W13	South (east side)	14	<10	590	0.87	<0.440	3.1	<1.100	<2.300	within 1' bedrock
EW-4	East	4	<10	<5	<0.050	<0.050	<0.050	<0.130	<0.260	3' beneath concrete
WW-13	West	13.5	<10	7.9	0.16	0.1	0.13	0.22	<0.260	within 1' bedrock
EB-5	East bottom	5	<10	91	<0.097	<0.097	0.64	<0.250	<0.500	
MDNR Leaking UST Cleanup				200	1	5	10	10	140	

Final Side Wall Analytical Results

Sample ID	Location (Wall/Bottom)	Depth (feet)		TPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Xylene Compounds (mg/kg)	MTBE (mg/kg)	Remarks
SW-2W12	South (west side)	12		51	<0.083	<0.083	0.19	0.5	<0.430	

< = Not detected above laboratory detection limit

Table 5 (cont)
Confirmation Soil Samples
Analytical Results
Corrective Action - Product Line Excavation
651 East Broadway, Sedalia, MO
May 1998

Initial Analytical Results

Sample ID	Location (Wall/Bottom)	Depth (feet)	Extractable HC (mg/kg)	TPH-G (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Xylene Compounds (mg/kg)	MTBE (mg/kg)	Remarks
PL	Prod Line Break	2	1100 diesel	320	<0.500	<0.500	2.1	<1.300	<2,600	Prior to excavation
NWL-6	North	6	1100 diesel	120	0.11	<0.097	0.78	1.2	<0.500	
SWL-12	Southwest	12	42 diesel	18	<0.097	0.5	0.055	0.11	<0.510	
MDNR Leaking UST Cleanup				200	1	2	5	5	140	

Final Side Wall Analytical Results

Sample ID	Location (Wall/Bottom)	Depth (feet)	Extractable HC (mg/kg)	TPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Xylene Compounds (mg/kg)	MTBE (mg/kg)	Remarks
NW2L-5	Northwest	5'	300 diesel	<5	<0.050	<0.050	<0.050	<0.130	<0.260	

< = Not detected above laboratory detection limit

APPENDIX A

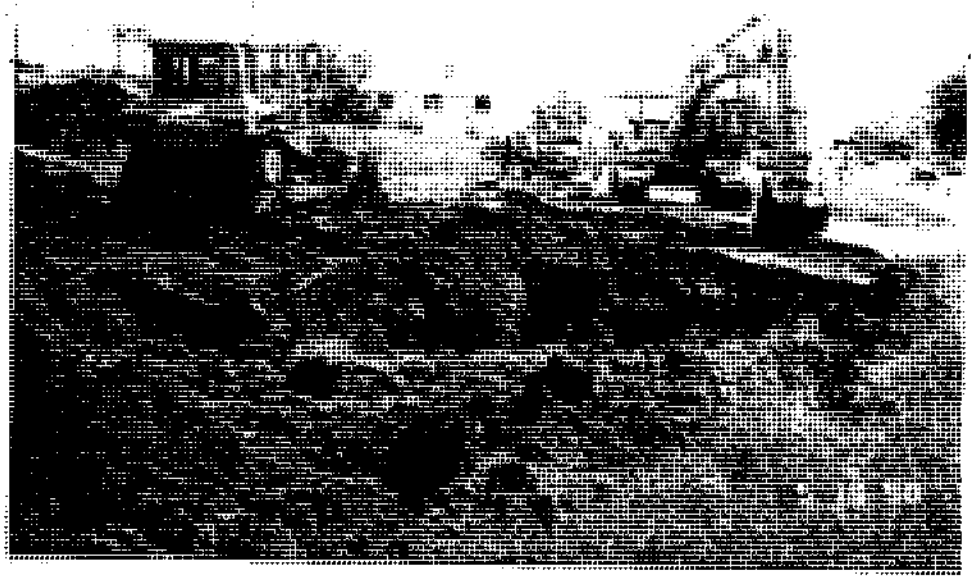
Site Photographs



View looking north prior to commencement of main excavation..
(Old Hudson Station, Sedalia, MO)



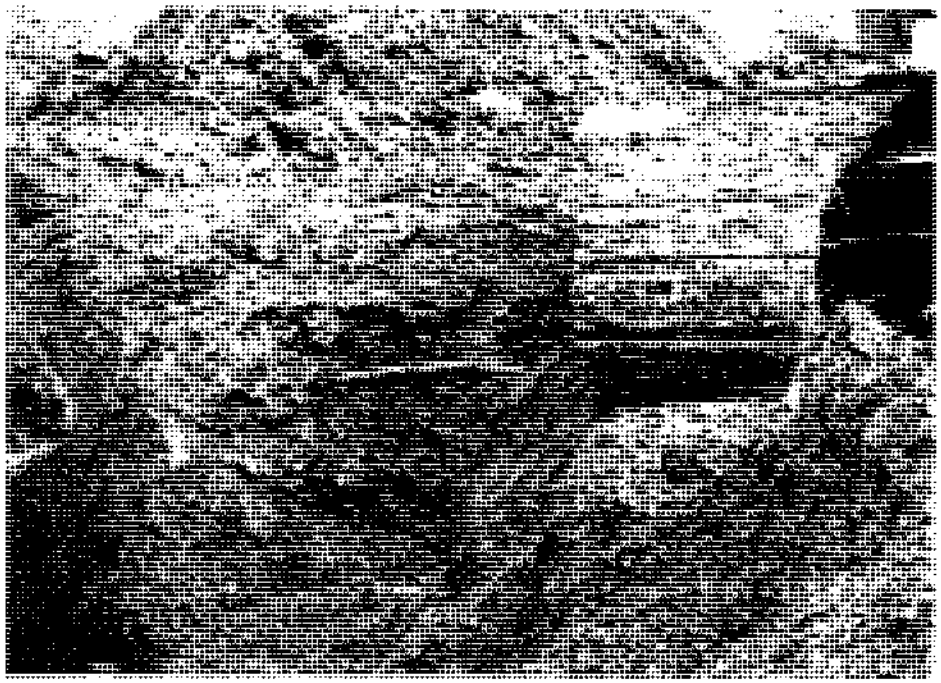
View looking south. Main excavation.
(Old Hudson Station, Sedalia, MO)



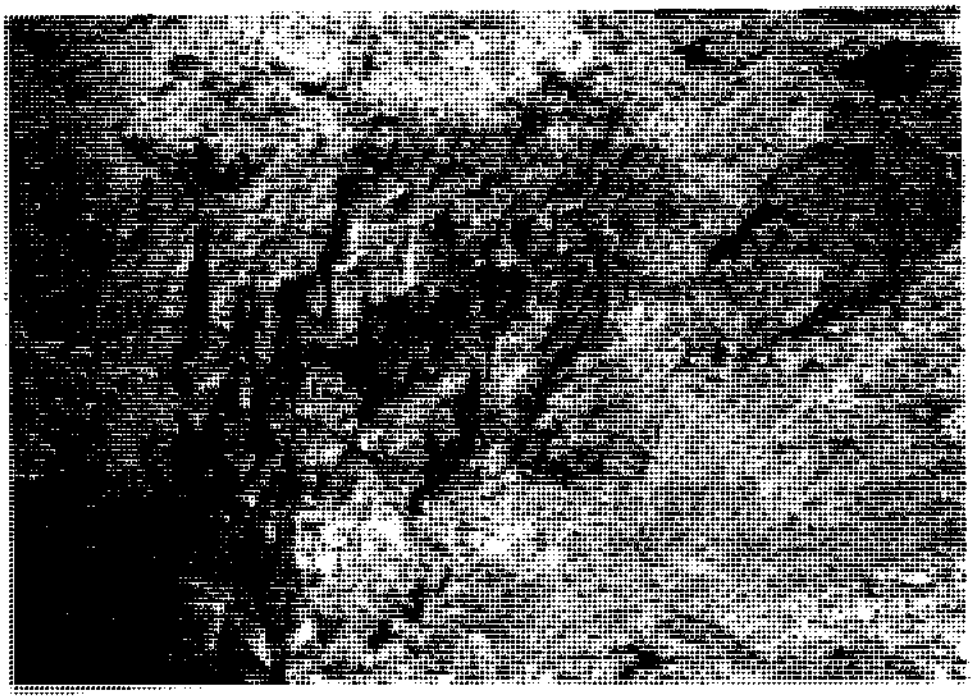
View looking east. Main excavation.
(Old Hudson Station, Sedalia, MO)



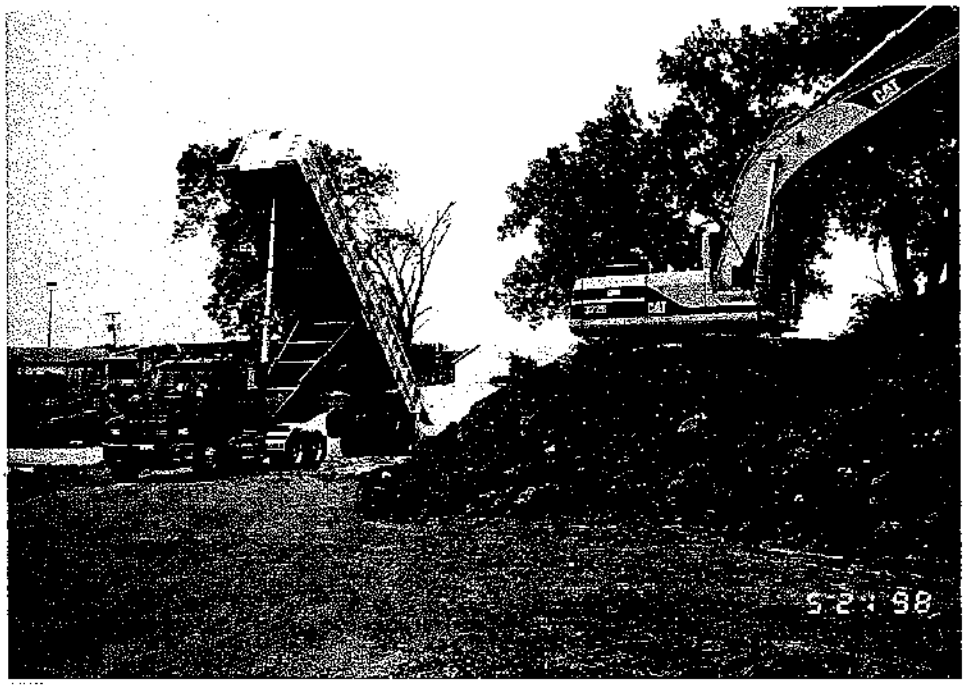
Main excavation.
(Old Hudson Station, Sedalia, MO)



Product line excavation. Soil staining beneath product line.
(Old Hudson Station, Sedalia, MO)



Product line excavation.
(Old Hudson Station, Sedalia, MO)



View looking northwest. Clean soil import.
(Old Hudson Station, Sedalia, MO)



View looking east. Contaminated soil export.
(Old Hudson Station, Sedalia, MO)

APPENDIX B

MDNR Soil Cleanup Guidelines for Undisturbed Soil Score Sheet (MDNR LUST Table 4) and MDNR LUST Non-Potable Groundwater Cleanup Guidelines (MDNR LUST Table 5)

Table 4
LUST Soil Cleanup Guidelines for Undisturbed Soil

Site Features*	Score 15 if True		Score 10 if True		Score 5 if True		Score 0 if True	
Depth to groundwater?	> 100 ft.		100-51 ft.		50-25 ft.		< 25 ft.	X
Groundwater potable?	No	X					Yes	
Drinking water supply proximity?	> 1,000 ft. away	X	1,000-501 ft. away		500-100 ft. away		< 100 ft. away	
Distance to surface waters?	> 5,000 ft.		5,000-2,501 ft.	X	2,500-1,000 ft.		< 1,000 ft.	
Geologic features present?	> 2,000 ft.	X	2,000-1,001 ft.		1,000-500 ft.		< 500 ft.	
Man-made vertical conduits?	> 500 ft.		500-251 ft.		250-100 ft.	X	< 100 ft.	
Man-made horizontal conduits?	> 250 ft.		250-101 ft.		100-50 ft.	X	< 50 ft.	
Soil permeability? (see definitions)	Low		Low-Moderate		Moderate-High	X	High	
Soil thickness? (see overburden map)	> 50 ft		50-41 ft.		40-20 ft.		< 20 ft.	X
Environmentally sensitive receptors?	> 5,000 ft.		5,000-2,501 ft.		2,500-1,000 ft.	X	< 1,000 ft.	
Surrounding land use?	> 1,000 ft. away		1,000-501 ft. away	X	500-100 ft. away		< 100 ft. away	
Future land use?	Industrial		Commercial	X			Residential	
Off-site impact?	No						Yes	X
Subtotals								
							Total Score =	95

Soil Cleanup Levels (ppm)					
Total Score	195-150	149-120	119-80 95	79-50	49 or less
BTEX	4/20/100/100	2/10/50/50	1/5/10/10	0.5/1/2/2	B+T+E+X < 2
TPH	1000	500	200	100	50
MTBE	280		140		60

* See definitions of site features following this table.

March 1996 MDNR UST Closure Document Guidance

Table 5
LUST Non-Potable Groundwater Cleanup Guidelines

Analyte	Groundwater Cleanup Levels (ppb)
Benzene	50* .05 ppm
Toluene	150 0.15 ppm
Ethylbenzene	320 0.32 ppm
Xylenes	320 0.32 ppm
Total BTEX	750 0.75 ppm
Total Petroleum Hydrocarbons (TPH)	10,000 10 ppm
MTBE	400* 0.4 ppm
PAHs	**See Note.

* If groundwater is potable, the cleanup standard for benzene is 5 ppb and MTBE is 40 ppb.
** Any PAH analytic results above detection limits will be evaluated on a case by case basis.

5.5 Site Characterization

DNR requires that a site characterization be performed if any of the conditions in Table 6 exist and if cleanup goals have not been met. Guidance for conducting a site characterization is provided in the *Missouri Site Characterization Guidance Document*. This document may be ordered from the Hazardous Waste Program.

Table 6
Conditions Requiring a Site Characterization

1.	More than 500 yd^3 of soil excavated per site or facility.
2.	Groundwater contains BTEX, TPH, and MTBE levels above the analytical detection limits (Section 6.8).
3.	Excavation is unable to achieve the cleanup levels within the physical limitations of the site (e.g., buildings, boundaries, utilities).

5.6 Companies Performing UST Closures

DNR does not license or certify companies who perform UST closures and cannot recommend a company.

Table 7 presents a summary of some general information that an owner/operator should obtain from prospective contractors prior to selecting a contractor.

APPENDIX C

Confirmation Soil Sample Laboratory Data Sheets and Chain of Custody Records

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
Tel: 913-599-5665
Fax: 913-599-1759

Pace Analytical

May 22, 1998

Mr. BRUCE ZUCCARO
Laidlaw Environmental Services
5665 FLATIRON PKWY
BOULDER, CO 80301-2800

RE: Pace Project Number: 6021806
Client Project ID: 96120-605 OLD HUDSON LEAK UST

Dear Mr. ZUCCARO:

Enclosed are the results of analyses for sample(s) received on May 20, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Rebecca Wenner
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
Tel: 913-599-5665
Fax: 913-599-1759

DATE: 05/22/98
PAGE: 1

Laidlaw Environmental Services
5665 FLATIRON PKWY
BOULDER, CO 80301-2800

Pace Project Number: 6021806
Client Project ID: 96120-605 OLD HUDSON LEAK UST

Attn: Mr. BRUCE ZUCCARO
Phone: (303)938-5500

Solid results are reported on a wet weight basis

Pace Sample No: 601886153 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: PL Date Received: 05/20/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC -- Volatiles							
TPH Gas/BTEX	Method: EPA 8020/OA1				Prep Method: THP Gas/BTEX		
Gasoline Range Hydrocarbons	320	mg/kg	50	05/21/98	MJW		
Benzene	ND	ug/kg	500	05/21/98	MJW	71-43-2	
Toluene	ND	ug/kg	500	05/21/98	MJW	108-88-3	
Ethylbenzene	2100	ug/kg	500	05/21/98	MJW	100-41-4	
Xylene (Total)	ND	ug/kg	1300	05/21/98	MJW	1330-20-7	
Methyl-tert-butyl Ether	ND	ug/kg	2600	05/21/98	MJW	1634-04-4	
a,a,a-Trifluorotoluene (S)	108	%		05/21/98	MJW	2164-17-2	
4-Bromofluorobenzene (S)	93	%		05/21/98	MJW	460-00-4	
GC -- Semi-VOA							
Total Extractable Hydrocarbons	Method: OA2				Prep Method: OA2		
Mineral Spirits	ND	mg/kg	10	05/21/98	CCP		
Jet Fuel	ND	mg/kg	10	05/21/98	CCP		
Kerosene	ND	mg/kg	10	05/21/98	CCP		
Diesel Fuel	1100	mg/kg	10	05/21/98	CCP	11-84-7...	
Fuel Oil	ND	mg/kg	10	05/21/98	CCP		
Motor Oil	ND	mg/kg	10	05/21/98	CCP		
n-Tetracosane (S)	77	%		05/21/98	CCP	646-31-1	
p-Terphenyl (S)	68	%		05/21/98	CCP	92-94-4	
Date Extracted				05/21/98			

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
Tel: 913-599-5665
Fax: 913-599-1759

Pace Analytical

Pace Project Number: 6021806
Client Project ID: 96120-605 OLD HUDSON LEAK UST

Pace Sample No: 601886179 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: NWL-6 Date Received: 05/20/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC -- Volatiles							
TPH Gas/BTEX		Method: EPA 8020/OA1			Prep Method: THP Gas/BTEX		
Gasoline Range Hydrocarbons	120	mg/kg	9.7	05/21/98	SLC		
Benzene	110	ug/kg	97	05/21/98	SLC	71-43-2	
Toluene	ND	ug/kg	97	05/21/98	SLC	108-88-3	
Ethylbenzene	780	ug/kg	97	05/21/98	SLC	100-41-4	
Xylene (Total)	1200	ug/kg	250	05/21/98	SLC	1330-20-7	
Methyl-tert-butyl Ether	ND	ug/kg	500	05/21/98	SLC	1634-04-4	
a,a,a-Trifluorotoluene (S)	104	%		05/21/98	SLC	2164-17-2	
4-Bromofluorobenzene (S)	98	%		05/21/98	SLC	460-00-4	
GC -- Semi-VOA							
Total Extractable Hydrocarbons		Method: OA2			Prep Method: OA2		
Mineral Spirits	ND	mg/kg	10	05/21/98	CCP		
Jet Fuel	ND	mg/kg	10	05/21/98	CCP		
Kerosene	ND	mg/kg	10	05/21/98	CCP		
Diesel Fuel	1100	mg/kg	10	05/21/98	CCP	11-84-7...	
Fuel Oil	ND	mg/kg	10	05/21/98	CCP		
Motor Oil	ND	mg/kg	10	05/21/98	CCP		
n-Tetracosane (S)	62	%		05/21/98	CCP	646-31-1	
p-Terphenyl (S)	56	%		05/21/98	CCP	92-94-4	
Date Extracted				05/21/98			

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Project Number: 6021806
Client Project ID: 96120-605 OLD HUDSON LEAK UST

Pace Sample No: 601886229 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: SWL-12 Date Received: 05/20/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC -- Volatiles							
TPH Gas/BTEX		Method: EPA 8020/OA1			Prep Method: THP Gas/BTEX		
Gasoline Range Hydrocarbons	18	mg/kg	9.7	05/22/98	SLC		
Benzene	ND	ug/kg	97	05/22/98	SLC	71-43-2	
Toluene	50	ug/kg	97	05/22/98	SLC	108-88-3	1
Ethylbenzene	55	ug/kg	97	05/22/98	SLC	100-41-4	1
Xylene (Total)	110	ug/kg	250	05/22/98	SLC	1330-20-7	1
Methyl-tert-butyl Ether	ND	ug/kg	510	05/22/98	SLC	1634-04-4	
a,a,a-Trifluorotoluene (S)	112	%		05/22/98	SLC	2164-17-2	
4-Bromofluorobenzene (S)	91	%		05/22/98	SLC	460-00-4	
GC -- Semi-VOA							
Total Extractable Hydrocarbons		Method: OA2			Prep Method: OA2		
Mineral Spirits	ND	mg/kg	10	05/22/98	CCP		
Jet Fuel	ND	mg/kg	10	05/22/98	CCP		
Kerosene	ND	mg/kg	10	05/22/98	CCP		
Diesel Fuel	42	mg/kg	10	05/22/98	CCP	11-84-7...	
Fuel Oil	ND	mg/kg	10	05/22/98	CCP		
Motor Oil	ND	mg/kg	10	05/22/98	CCP		
n-Tetracosane (S)	64	%		05/22/98	CCP	646-31-1	
p-Terphenyl (S)	53	%		05/22/98	CCP	92-94-4	
Date Extracted				05/21/98			

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Pace Analytical

Pace Project Number: 6021806
Client Project ID: 96120-605 OLD HUDSON LEAK UST

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[1]	Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).

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QUALITY CONTROL DATA

Laidlaw Environmental Services
5665 FLATIRON PKWY
BOULDER, CO 80301-2800

Pace Project Number: 6021806
Client Project ID: 96120-605 OLD HUDSON LEAK UST

Attn: Mr. BRUCE ZUCCARO
Phone: (303)938-5500

QC Batch ID: 45862
QC Batch Method: THP Gas/BTEX
Analysis Method: EPA 8020/OA1
Analysis Description: TPH Gas/BTEX
Associated Pace Samples: 601886153 601886179 601886229

METHOD BLANK: 601886526
Associated Pace Samples:
601886153 601886179 601886229

Parameter	Units	Method Blank Result	PRL	Footnotes
Gasoline Range Hydrocarbons	mg/kg	1.7	0.01	
Benzene	ug/kg	ND	100	
Toluene	ug/kg	ND	100	
Ethylbenzene	ug/kg	ND	100	
Xylene (Total)	ug/kg	ND	260	
Methyl-tert-butyl Ether	ug/kg	ND	520	
a,a,a-Trifluorotoluene (S)	%	113		
4-Bromofluorobenzene (S)	%	96		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 601887979 601887987

Parameter	Units	601885825	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Gasoline Range Hydrocarbons	mg/kg	1.332	49.93	46.84	91.2	45.68	88.6	3	
Benzene	ug/kg	0	499.3	565.9	113	514.9	103	10	
Toluene	ug/kg	0	499.3	515.2	103	518.3	104	0	
Ethylbenzene	ug/kg	0	499.3	589.4	118	562.9	112	5	
Xylene (Total)	ug/kg	5.679	1498	1766	118	1688	112	5	
a,a,a-Trifluorotoluene (S)					115		115		
4-Bromofluorobenzene (S)					91		93		

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QUALITY CONTROL DATA

Pace Project Number: 6021806
Client Project ID: 96120-605 OLD HUDSON LEAK UST

LABORATORY CONTROL SAMPLE: 601885932

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Gasoline Range Hydrocarbons	mg/kg	50	51.93	104	
Benzene	ug/kg	500	563.6	113	
Toluene	ug/kg	500	548.8	110	
Ethylbenzene	ug/kg	500	595.8	119	
Xylene (Total)	ug/kg	1500	1771	118	
a,a,a-Trifluorotoluene (S)				101	
4-Bromofluorobenzene (S)				97	

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QUALITY CONTROL DATA

Laidlaw Environmental Services
5665 FLATIRON PKWY
BOULDER, CO 80301-2800

Pace Project Number: 6021806
Client Project ID: 96120-605 OLD HUDSON LEAK UST

Attn: Mr. BRUCE ZUCCARO
Phone: (303)938-5500

QC Batch ID: 45875
QC Batch Method: OA2
Analysis Method: OA2
Analysis Description: Total Extractable Hydrocarbons
Associated Pace Samples: 601886153 601886179 601886229

METHOD BLANK: 601886393
Associated Pace Samples:
601886153 601886179 601886229

Parameter	Units	Method Blank Result	PRL	Footnotes
Mineral Spirits	mg/kg	ND	10	
Jet Fuel	mg/kg	ND	10	
Kerosene	mg/kg	ND	10	
Diesel Fuel	mg/kg	ND	10	
Fuel Oil	mg/kg	ND	10	
Motor Oil	mg/kg	ND	10	
n-Tetracosane (S)	%	59		
p-Terphenyl (S)	%	50		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 601886401 601886419

Parameter	Units	601886047	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Diesel Fuel	mg/kg	0	500	399.2	79.8	445.3	89.1	11	
n-Tetracosane (S)					59		66		
p-Terphenyl (S)					50		58		

LABORATORY CONTROL SAMPLE: 601886427

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Diesel Fuel	mg/kg	500	434.8	87.0	
n-Tetracosane (S)				67	

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QUALITY CONTROL DATA

Pace Project Number: 6021806
Client Project ID: 96120-605 OLD HUDSON LEAK UST

LABORATORY CONTROL SAMPLE: 601886427

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
p-Terphenyl (S)				57	

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Pace Project Number: 6021806
Client Project ID: 96120-605 OLD HUDSON LEAK UST

QUALITY CONTROL DATA PARAMETER FOOTNOTES

Consistent with EPA guidelines unrounded concentrations are displayed and have been used to calculate % Rec and RPD values.

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
RPD	Relative Percent Difference
(S)	Surrogate

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Pace Project #: 6021886

ENVIROKLEAN

CC ENVIROKLEAN, INC. 25 EAST QUINDARO BLVD. KANSAS CITY KS 66115

1

NAME OF LABORATORY: Pace Analytical

ADDRESS OF LABORATORY: Kansas City, KS

CLIENT NAME: Caidlaw Environmental Svcs

ADDRESS: 5665 Flatiron Pkwy Boulder, CO 80301

NAME OF PERSON TO CONTACT: Bruce Zuccaro

CONTACT PERSON'S PHONE: (303) 938-1555

2

PROJECT NO.:	P.O.#	PROJECT NAME:
96120-605		Old Hudson Leaking UST

3

SAMPLE DESCRIPTION:	Pace Sample #	DATE	TIME	MATRIX
PL	601886153	5-20-98	13:45	Soil
NWL-6	601886179	5-20	14:20	Soil
SWL-12	601886229	5-20	14:38	Soil

4 PARAMETERS FOR ANALYSIS

TPH-DRO & GRO	TPH-ORO & GRO	BTEX	MTBE				NUMBER OF CONTAINERS	PRESERVATIONS
1	1	→	→				2	-
1	1	→	→				2	-
1	1	→	→				2	-

5 REMARKS

Turnaround Time

50% rush

Detection Limits Special Limits Required Yes No
Please circle one, if Yes, please describe below or include separate sheet detailing requirements.

50% rush

50% rush

50% rush

6

RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)
Bruce Zuccaro	5-20-98	15:55	Mallette	Mallette	5-20-98	18:45	
METHOD OF SHIPMENT: Personal Delivery			RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)

REVISION DATE 10/93

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Pace Analytical

May 22, 1998

Mr. BRUCE ZUCCARO
Laidlaw Environmental Services
5665 FLATIRON PKWY
BOULDER, CO 80301-2800

RE: Pace Project Number: 6021805
Client Project ID: 96120-605 OLD HUDSON LEAKING

Dear Mr. ZUCCARO:

Enclosed are the results of analyses for sample(s) received on May 20, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Rebecca Wenner
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

DATE: 05/22/98
PAGE: 1

Laidlaw Environmental Services
5665 FLATIRON PKWY
BOULDER, CO 80301-2800

Pace Project Number: 6021805
Client Project ID: 96120-605 OLD HUDSON LEAKING

Attn: Mr. BRUCE ZUCCARO
Phone: (303)938-5500

Solid results are reported on a wet weight basis

Pace Sample No: 601885940 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: SW-W13 Date Received: 05/20/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC -- Volatiles							
TPH Gas/BTEX	Method: EPA 8020/OA1				Prep Method: THP Gas/BTEX		
Gasoline Range Hydrocarbons	590	mg/kg	44	05/21/98	SLC		
Benzene	870	ug/kg	440	05/21/98	SLC	71-43-2	
Toluene	ND	ug/kg	440	05/21/98	SLC	108-88-3	
Ethylbenzene	3600	ug/kg	440	05/21/98	SLC	100-41-4	
Xylene (Total)	ND	ug/kg	1100	05/21/98	SLC	1330-20-7	
Methyl-tert-butyl Ether	ND	ug/kg	2300	05/21/98	SLC	1634-04-4	
a,a,a-Trifluorotoluene (S)	87	%		05/21/98	SLC	2164-17-2	
4-Bromofluorobenzene (S)	97	%		05/21/98	SLC	460-00-4	
GC -- Semi-VOA							
Total Extractable Hydrocarbons	Method: OA2				Prep Method: OA2		
Mineral Spirits	ND	mg/kg	10	05/22/98	CCP		
Jet Fuel	ND	mg/kg	10	05/22/98	CCP		
Kerosene	ND	mg/kg	10	05/22/98	CCP		
Diesel Fuel	ND	mg/kg	10	05/22/98	CCP	11-84-7...	
Fuel Oil	ND	mg/kg	10	05/22/98	CCP		
Motor Oil	ND	mg/kg	10	05/22/98	CCP		
n-Tetracosane (S)	63	%		05/22/98	CCP	646-31-1	
p-Terphenyl (S)	56	%		05/22/98	CCP	92-94-4	
Date Extracted				05/21/98			

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Pace Analytical

Pace Project Number: 6021805
Client Project ID: 96120-605 OLD HUDSON LEAKING

Pace Sample No: 601885957 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: WW-13 Date Received: 05/20/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC -- Volatiles							
TPH Gas/BTEX		Method: EPA 8020/OA1			Prep Method: THP Gas/BTEX		
Gasoline Range Hydrocarbons	7.9	mg/kg	5	05/21/98	MJW		
Benzene	160	ug/kg	50	05/21/98	MJW	71-43-2	
Toluene	100	ug/kg	50	05/21/98	MJW	108-88-3	
Ethylbenzene	130	ug/kg	50	05/21/98	MJW	100-41-4	
Xylene (Total)	220	ug/kg	130	05/21/98	MJW	1330-20-7	
Methyl-tert-butyl Ether	ND	ug/kg	260	05/21/98	MJW	1634-04-4	
a,a,a-Trifluorotoluene (S)	113	%		05/21/98	MJW	2164-17-2	
4-Bromofluorobenzene (S)	93	%		05/21/98	MJW	460-00-4	
GC -- Semi-VOA							
Total Extractable Hydrocarbons		Method: OA2			Prep Method: OA2		
Mineral Spirits	ND	mg/kg	9.9	05/22/98	CCP		
Jet Fuel	ND	mg/kg	9.9	05/22/98	CCP		
Kerosene	ND	mg/kg	9.9	05/22/98	CCP		
Diesel Fuel	ND	mg/kg	9.9	05/22/98	CCP	11-84-7...	
Fuel Oil	ND	mg/kg	9.9	05/22/98	CCP		
Motor Oil	ND	mg/kg	9.9	05/22/98	CCP		
n-Tetracosane (S)	71	%		05/22/98	CCP	646-31-1	
p-Terphenyl (S)	62	%		05/22/98	CCP	92-94-4	
Date Extracted				05/21/98			

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Pace Analytical

Pace Project Number: 6021805
Client Project ID: 96120-605 OLD HUDSON LEAKING

Pace Sample No: 601885965 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: SW-E4 Date Received: 05/20/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC -- Volatiles							
TPH Gas/BTEX		Method: EPA 8020/OA1			Prep Method: THP Gas/BTEX		
Gasoline Range Hydrocarbons	8.5	mg/kg	5	05/21/98	SLC		
Benzene	ND	ug/kg	50	05/21/98	SLC	71-43-2	
Toluene	ND	ug/kg	50	05/21/98	SLC	108-88-3	
Ethylbenzene	ND	ug/kg	50	05/21/98	SLC	100-41-4	
Xylene (Total)	ND	ug/kg	130	05/21/98	SLC	1330-20-7	
Methyl-tert-butyl Ether	ND	ug/kg	260	05/21/98	SLC	1634-04-4	
a,a,a-Trifluorotoluene (S)	113	%		05/21/98	SLC	2164-17-2	
4-Bromofluorobenzene (S)	91	%		05/21/98	SLC	460-00-4	
GC -- Semi-VOA							
Total Extractable Hydrocarbons		Method: OA2			Prep Method: OA2		
Mineral Spirits	ND	mg/kg	10	05/22/98	CCP		
Jet Fuel	ND	mg/kg	10	05/22/98	CCP		
Kerosene	ND	mg/kg	10	05/22/98	CCP		
Diesel Fuel	ND	mg/kg	10	05/22/98	CCP	11-84-7...	
Fuel Oil	ND	mg/kg	10	05/22/98	CCP		
Motor Oil	ND	mg/kg	10	05/22/98	CCP		
n-Tetracosane (S)	82	%		05/22/98	CCP	646-31-1	
p-Terphenyl (S)	71	%		05/22/98	CCP	92-94-4	
Date Extracted				05/21/98			

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Pace Analytical

Pace Project Number: 6021805
Client Project ID: 96120-605 OLD HUDSON LEAKING

Pace Sample No: 601885973 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: EB-5 Date Received: 05/20/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC -- Volatiles							
TPH Gas/BTEX		Method: EPA 8020/OA1			Prep Method: THP Gas/BTEX		
Gasoline Range Hydrocarbons	91	mg/kg	9.7	05/21/98	SLC		
Benzene	ND	ug/kg	97	05/21/98	SLC	71-43-2	
Toluene	ND	ug/kg	97	05/21/98	SLC	108-88-3	
Ethylbenzene	640	ug/kg	97	05/21/98	SLC	100-41-4	
Xylene (Total)	ND	ug/kg	250	05/21/98	SLC	1330-20-7	
Methyl-tert-butyl Ether	ND	ug/kg	500	05/21/98	SLC	1634-04-4	
a,a,a-Trifluorotoluene (S)	108	%		05/21/98	SLC	2164-17-2	
4-Bromofluorobenzene (S)	106	%		05/21/98	SLC	460-00-4	
GC -- Semi-VOA							
Total Extractable Hydrocarbons		Method: OA2			Prep Method: OA2		
Mineral Spirits	ND	mg/kg	10	05/22/98	CCP		
Jet Fuel	ND	mg/kg	10	05/22/98	CCP		
Kerosene	ND	mg/kg	10	05/22/98	CCP		
Diesel Fuel	ND	mg/kg	10	05/22/98	CCP	11-84-7...	
Fuel Oil	ND	mg/kg	10	05/22/98	CCP		
Motor Oil	ND	mg/kg	10	05/22/98	CCP		
n-Tetracosane (S)	61	%		05/22/98	CCP	646-31-1	
p-Terphenyl (S)	55	%		05/22/98	CCP	92-94-4	
Date Extracted				05/21/98			

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Pace Analytical

Pace Project Number: 6021805
Client Project ID: 96120-605 OLD HUDSON LEAKING

Pace Sample No: 601885981 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: NW-E4 Date Received: 05/20/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC -- Volatiles							
TPH Gas/BTEX		Method: EPA 8020/OA1			Prep Method: THP Gas/BTEX		
Gasoline Range Hydrocarbons	17	mg/kg	5	05/22/98	MJW		
Benzene	ND	ug/kg	50	05/22/98	MJW	71-43-2	
Toluene	ND	ug/kg	50	05/22/98	MJW	108-88-3	
Ethylbenzene	100	ug/kg	50	05/22/98	MJW	100-41-4	
Xylene (Total)	ND	ug/kg	130	05/22/98	MJW	1330-20-7	
Methyl-tert-butyl Ether	ND	ug/kg	260	05/22/98	MJW	1634-04-4	
a,a,a-Trifluorotoluene (S)	99	%		05/22/98	MJW	2164-17-2	
4-Bromofluorobenzene (S)	96	%		05/22/98	MJW	460-00-4	
GC -- Semi-VOA							
Total Extractable Hydrocarbons		Method: OA2			Prep Method: OA2		
Mineral Spirits	ND	mg/kg	10	05/21/98	CCP		
Jet Fuel	ND	mg/kg	10	05/21/98	CCP		
Kerosene	ND	mg/kg	10	05/21/98	CCP		
Diesel Fuel	ND	mg/kg	10	05/21/98	CCP	11-84-7...	
Fuel Oil	ND	mg/kg	10	05/21/98	CCP		
Motor Oil	ND	mg/kg	10	05/21/98	CCP		
n-Tetracosane (S)	62	%		05/21/98	CCP	646-31-1	
p-Terphenyl (S)	56	%		05/21/98	CCP	92-94-4	
Date Extracted				05/21/98			

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Tel: 913-599-5665
Fax: 913-599-1759

Pace Analytical

Pace Project Number: 6021805
Client Project ID: 96120-605 OLD HUDSON LEAKING

Pace Sample No: 601885999 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: NW-W7 Date Received: 05/20/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC -- Volatiles							
TPH Gas/BTEX		Method: EPA 8020/OA1			Prep Method: THP Gas/BTEX		
Gasoline Range Hydrocarbons	100	mg/kg	12	05/21/98	SLC		
Benzene	ND	ug/kg	120	05/21/98	SLC	71-43-2	
Toluene	ND	ug/kg	120	05/21/98	SLC	108-88-3	
Ethylbenzene	490	ug/kg	120	05/21/98	SLC	100-41-4	
Xylene (Total)	610	ug/kg	310	05/21/98	SLC	1330-20-7	
Methyl-tert-butyl Ether	ND	ug/kg	620	05/21/98	SLC	1634-04-4	
a,a,a-Trifluorotoluene (S)	112	%		05/21/98	SLC	2164-17-2	
4-Bromofluorobenzene (S)	101	%		05/21/98	SLC	460-00-4	
GC -- Semi-VOA							
Total Extractable Hydrocarbons		Method: OA2			Prep Method: OA2		
Mineral Spirits	ND	mg/kg	9.9	05/21/98	CCP		
Jet Fuel	ND	mg/kg	9.9	05/21/98	CCP		
Kerosene	ND	mg/kg	9.9	05/21/98	CCP		
Diesel Fuel	ND	mg/kg	9.9	05/21/98	CCP	11-84-7...	
Fuel Oil	ND	mg/kg	9.9	05/21/98	CCP		
Motor Oil	ND	mg/kg	9.9	05/21/98	CCP		
n-Tetracosane (S)	83	%		05/21/98	CCP	646-31-1	
p-Terphenyl (S)	71	%		05/21/98	CCP	92-94-4	
Date Extracted				05/21/98			

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Project Number: 6021805
Client Project ID: 96120-605 OLD HUDSON LEAKING

Pace Sample No: 601886047 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: EW-4 Date Received: 05/20/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC -- Volatiles							
TPH Gas/BTEX	Method: EPA 8020/OA1				Prep Method: THP Gas/BTEX		
Gasoline Range Hydrocarbons	ND	mg/kg	5	05/21/98	SLC		
Benzene	ND	ug/kg	50	05/21/98	SLC	71-43-2	
Toluene	ND	ug/kg	50	05/21/98	SLC	108-88-3	
Ethylbenzene	ND	ug/kg	50	05/21/98	SLC	100-41-4	
Xylene (Total)	ND	ug/kg	130	05/21/98	SLC	1330-20-7	
Methyl-tert-butyl Ether	ND	ug/kg	260	05/21/98	SLC	1634-04-4	
a,a,a-Trifluorotoluene (S)	115	%		05/21/98	SLC	2164-17-2	
4-Bromofluorobenzene (S)	93	%		05/21/98	SLC	460-00-4	
GC -- Semi-VOA							
Total Extractable Hydrocarbons	Method: OA2				Prep Method: OA2		
Mineral Spirits	ND	mg/kg	10	05/22/98	CCP		
Jet Fuel	ND	mg/kg	10	05/22/98	CCP		
Kerosene	ND	mg/kg	10	05/22/98	CCP		
Diesel Fuel	ND	mg/kg	10	05/22/98	CCP	11-84-7...	
Fuel Oil	ND	mg/kg	10	05/22/98	CCP		
Motor Oil	ND	mg/kg	10	05/22/98	CCP		
n-Tetracosane (S)	64	%		05/22/98	CCP	646-31-1	
p-Terphenyl (S)	57	%		05/22/98	CCP	92-94-4	
Date Extracted				05/21/98			

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Pace Analytical

Pace Project Number: 6021805
Client Project ID: 96120-605 OLD HUDSON LEAKING

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate

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QUALITY CONTROL DATA

Laidlaw Environmental Services
5665 FLATIRON PKWY
BOULDER, CO 80301-2800

Pace Project Number: 6021805
Client Project ID: 96120-605 OLD HUDSON LEAKING

Attn: Mr. BRUCE ZUCCARO
Phone: (303)938-5500

QC Batch ID: 45862
QC Batch Method: THP Gas/BTEX
Analysis Method: EPA 8020/OA1
Analysis Description: TPH Gas/BTEX
Associated Pace Samples: 601885940 601885957 601885965 601885973 601885981 601885999 601886047

METHOD BLANK: 601886526
Associated Pace Samples:
601885940 601885957 601885965 601885973 601885981 601885999 601886047

Parameter	Units	Method Blank Result	PRL	Footnotes
Gasoline Range Hydrocarbons	mg/kg	1.7	0.01	
Benzene	ug/kg	ND	100	
Toluene	ug/kg	ND	100	
Ethylbenzene	ug/kg	ND	100	
Xylene (Total)	ug/kg	ND	260	
Methyl-tert-butyl Ether	ug/kg	ND	520	
a,a,a-Trifluorotoluene (S)	%	113		
4-Bromofluorobenzene (S)	%	96		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 601887979 601887987

Parameter	Units	601885825	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Gasoline Range Hydrocarbons	mg/kg	1.332	49.93	46.84	91.2	45.68	88.6	3	
Benzene	ug/kg	0	499.3	565.9	113	514.9	103	10	
Toluene	ug/kg	0	499.3	515.2	103	518.3	104	0	
Ethylbenzene	ug/kg	0	499.3	589.4	118	562.9	112	5	
Xylene (Total)	ug/kg	5.679	1498	1766	118	1688	112	5	
a,a,a-Trifluorotoluene (S)					115		115		
4-Bromofluorobenzene (S)					91		93		

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QUALITY CONTROL DATA

Pace Project Number: 6021805
Client Project ID: 96120-605 OLD HUDSON LEAKING

LABORATORY CONTROL SAMPLE: 601885932

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Gasoline Range Hydrocarbons	mg/kg	50	51.93	104	
Benzene	ug/kg	500	563.6	113	
Toluene	ug/kg	500	548.8	110	
Ethylbenzene	ug/kg	500	595.8	119	
Xylene (Total)	ug/kg	1500	1771	118	
a,a,a-Trifluorotoluene (S)				101	
4-Bromofluorobenzene (S)				97	

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QUALITY CONTROL DATA

Laidlaw Environmental Services
5665 FLATIRON PKWY
BOULDER, CO 80301-2800

Pace Project Number: 6021805
Client Project ID: 96120-605 OLD HUDSON LEAKING

Attn: Mr. BRUCE ZUCCARO
Phone: (303)938-5500

QC Batch ID: 45875
QC Batch Method: OA2
Analysis Method: OA2
Analysis Description: Total Extractable Hydrocarbons
Associated Pace Samples: 601885940 601885957 601885965 601885973 601885981 601885999 601886047

METHOD BLANK: 601886393
Associated Pace Samples:
601885940 601885957 601885965 601885973 601885981 601885999 601886047

Parameter	Units	Method Blank Result	PRL	Footnotes
Mineral Spirits	mg/kg	ND	10	
Jet Fuel	mg/kg	ND	10	
Kerosene	mg/kg	ND	10	
Diesel Fuel	mg/kg	ND	10	
Fuel Oil	mg/kg	ND	10	
Motor Oil	mg/kg	ND	10	
n-Tetracosane (S)	%	59		
p-Terphenyl (S)	%	50		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 601886401 601886419

Parameter	Units	601886047	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Diesel Fuel	mg/kg	0	500	399.2	79.8	445.3	89.1	11	
n-Tetracosane (S)					59		66		
p-Terphenyl (S)					50		58		

LABORATORY CONTROL SAMPLE: 601886427

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Diesel Fuel	mg/kg	500	434.8	87.0	

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QUALITY CONTROL DATA

Pace Project Number: 6021805
Client Project ID: 96120-605 OLD HUDSON LEAKING

LABORATORY CONTROL SAMPLE: 601886427

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
n-Tetracosane (S)				67	
p-Terphenyl (S)				57	

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Pace Project Number: 6021805
Client Project ID: 96120-605 OLD HUDSON LEAKING

QUALITY CONTROL DATA PARAMETER FOOTNOTES

Consistent with EPA guidelines unrounded concentrations are displayed and have been used to calculate % Rec and RPD values.

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
RPD	Relative Percent Difference
(S)	Surrogate

REPORT OF LABORATORY ANALYSIS

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Pace Rush Project #: 6021805
Pace Normal Project #: 6021808

ENVIROKLEAN

CC ENVIROKLEAN, INC. 25 EAST OLIVEWOOD BLVD. KANSAS CITY KS 66115

1

NAME OF LABORATORY: Pace Analytical Laboratories
ADDRESS OF LABORATORY:
CLIENT NAME: Laidlaw Environmental Services
ADDRESS: 5665 Flatiron Parkway Boulder, Co
NAME OF PERSON TO CONTACT: Bruce Zuccaro
CONTACT PERSON'S PHONE: (303) 938-5555

2

PROJECT NO.:	P.O.#	PROJECT NAME:
96120-605		Old Hudson Landfill UST

3 **4**

SAMPLE DESCRIPTION:	Pace Sample #	DATE	TIME	MATRIX	TPH-GRO C6-C10	TPH-DRO C10-C32	MTBE	BTEX				NUMBER OF CONTAINERS	PRESERVATIVES
*3 SW-W13	601885940	5-20-98	9:16	Soil	1	1	→	→				2	
*4 WW-13	601885957	5-20	9:27	Soil	1	1	→	→				2	
SW-E4	601885965	5-20	9:32	Soil	1	1	→	→				2	
*2 EB-5	601885973	5-20	10:00	Soil	1	1	→	→				2	
NW-E4	601885981	5-20	10:10	Soil	1	1	→	→				2	
Pbt DW per mark Walther	601886245	5-20	10:20	Soil	1	1	→	→				2	
SP	601886278	5-20	10:22	Soil	1	1	→	→				2	
NW-W7	601885999	5-20	11:04	Soil	1	1	→	→				2	
EW-4	601886047	5-18	16:02	Soil	1	1	→	→				2	

PARAMETERS FOR ANALYSIS

5 REMARKS

Turnaround Time
100% rush or normal turn

Detection Limits
Special Limits Required
Yes
No
Please circle one, if Yes, please describe below or include separate sheet detailing requirements.

100% rush
100% rush
100% rush
100% rush
normal turn
normal turn
100% rush
100% rush

6

RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)
Bruce Zuccaro	5-20-98	6:00		Mark Walther / Bruce Zuccaro	5/20/98	17:45	
METHOD OF SHIPMENT: Personal Delivery			RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)

REVISION DATE 10/93

Pace Analytical

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May 29, 1998

Mr. BRUCE ZUCCARO
Laidlaw Environmental Services
5665 FLATIRON PKWY
BOULDER, CO 80301-2800

RE: Pace Project Number: 6021808
Client Project ID: 96120-605 OLD HUDSON LEAK UST

Dear Mr. ZUCCARO:

Enclosed are the results of analyses for sample(s) received on May 20, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Rebecca Wenner

Rebecca Wenner
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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DATE: 05/29/98
PAGE: 1

Laidlaw Environmental Services
5665 FLATIRON PKWY
BOULDER, CO 80301-2800

Pace Project Number: 6021808
Client Project ID: 96120-605 OLD HUDSON LEAK UST

Attn: Mr. BRUCE ZUCCARO
Phone: (303)938-5500

Solid results are reported on a wet weight basis

Pace Sample No: 601886245 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: DW Date Received: 05/20/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC -- Volatiles							
TPH Gas/BTEX	Method: EPA 8020/OA1				Prep Method: THP Gas/BTEX		
Gasoline Range Hydrocarbons	11	mg/kg	5	05/22/98	SLC		
Benzene	ND	ug/kg	50	05/22/98	SLC	71-43-2	
Toluene	ND	ug/kg	50	05/22/98	SLC	108-88-3	
Ethylbenzene	80	ug/kg	50	05/22/98	SLC	100-41-4	
Xylene (Total)	ND	ug/kg	130	05/22/98	SLC	1330-20-7	
Methyl-tert-butyl Ether	ND	ug/kg	260	05/22/98	SLC	1634-04-4	
a,a,a-Trifluorotoluene (S)	106	%		05/22/98	SLC	2164-17-2	
4-Bromofluorobenzene (S)	91	%		05/22/98	SLC	460-00-4	
GC -- Semi-VOA							
Total Extractable Hydrocarbons	Method: OA2				Prep Method: OA2		
Mineral Spirits	ND	mg/kg	9.9	05/21/98	CCP		
Jet Fuel	ND	mg/kg	9.9	05/21/98	CCP		
Kerosene	ND	mg/kg	9.9	05/21/98	CCP		
Diesel Fuel	ND	mg/kg	9.9	05/21/98	CCP	11-84-7...	
Fuel Oil	ND	mg/kg	9.9	05/21/98	CCP		
Motor Oil	ND	mg/kg	9.9	05/21/98	CCP		
n-Tetracosane (S)	77	%		05/21/98	CCP	646-31-1	
p-Terphenyl (S)	68	%		05/21/98	CCP	92-94-4	
Date Extracted				05/21/98			

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Pace Analytical

Pace Project Number: 6021808
Client Project ID: 96120-605 OLD HUDSON LEAK UST

Pace Sample No: 601886278 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: SP Date Received: 05/20/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC -- Volatiles							
TPH Gas/BTEX		Method: EPA 8020/OA1			Prep Method: THP Gas/BTEX		
Gasoline Range Hydrocarbons	34	mg/kg	5	05/27/98	MJW		
Benzene	ND	ug/kg	50	05/27/98	MJW	71-43-2	
Toluene	ND	ug/kg	50	05/27/98	MJW	108-88-3	
Ethylbenzene	190	ug/kg	50	05/27/98	MJW	100-41-4	
Xylene (Total)	ND	ug/kg	130	05/27/98	MJW	1330-20-7	
Methyl-tert-butyl Ether	ND	ug/kg	260	05/27/98	MJW	1634-04-4	
a,a,a-Trifluorotoluene (S)	113	%		05/27/98	MJW	2164-17-2	
4-Bromofluorobenzene (S)	109	%		05/27/98	MJW	460-00-4	
GC -- Semi-VOA							
Total Extractable Hydrocarbons		Method: OA2			Prep Method: OA2		
Mineral Spirits	ND	mg/kg	10	05/21/98	CCP		
Jet Fuel	ND	mg/kg	10	05/21/98	CCP		
Kerosene	ND	mg/kg	10	05/21/98	CCP		
Diesel Fuel	ND	mg/kg	10	05/21/98	CCP	11-84-7...	
Fuel Oil	ND	mg/kg	10	05/21/98	CCP		
Motor Oil	ND	mg/kg	10	05/21/98	CCP		
n-Tetracosane (S)	71	%		05/21/98	CCP	646-31-1	
p-Terphenyl (S)	61	%		05/21/98	CCP	92-94-4	
Date Extracted				05/21/98			

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Pace Project Number: 6021808
Client Project ID: 96120-605 OLD HUDSON LEAK UST

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate

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QUALITY CONTROL DATA

Laidlaw Environmental Services
5665 FLATIRON PKWY
BOULDER, CO 80301-2800

Pace Project Number: 6021808
Client Project ID: 96120-605 OLD HUDSON LEAK UST

Attn: Mr. BRUCE ZUCCARO
Phone: (303)938-5500

QC Batch ID: 45862
QC Batch Method: THP Gas/BTEX
Analysis Method: EPA 8020/OA1
Analysis Description: TPH Gas/BTEX
Associated Pace Samples: 601886245

METHOD BLANK: 601886526
Associated Pace Samples:
601886245

Parameter	Units	Method Blank Result	PRL	Footnotes
Gasoline Range Hydrocarbons	mg/kg	1.7	0.01	
Benzene	ug/kg	ND	100	
Toluene	ug/kg	ND	100	
Ethylbenzene	ug/kg	ND	100	
Xylene (Total)	ug/kg	ND	260	
Methyl-tert-butyl Ether	ug/kg	ND	520	
a,a,a-Trifluorotoluene (S)	%	113		
4-Bromofluorobenzene (S)	%	96		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 601887979 601887987

Parameter	Units	601885825	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Gasoline Range Hydrocarbons	mg/kg	1.332	49.93	46.84	91.2	45.68	88.6	3	
Benzene	ug/kg	0	499.3	565.9	113	514.9	103	10	
Toluene	ug/kg	0	499.3	515.2	103	518.3	104	0	
Ethylbenzene	ug/kg	0	499.3	589.4	118	562.9	112	5	
Xylene (Total)	ug/kg	5.679	1498	1766	118	1688	112	5	
a,a,a-Trifluorotoluene (S)					115		115		
4-Bromofluorobenzene (S)					91		93		

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Pace Analytical

QUALITY CONTROL DATA

Pace Project Number: 6021808
Client Project ID: 96120-605 OLD HUDSON LEAK UST

LABORATORY CONTROL SAMPLE: 601885932

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Gasoline Range Hydrocarbons	mg/kg	50	51.93	104	
Benzene	ug/kg	500	563.6	113	
Toluene	ug/kg	500	548.8	110	
Ethylbenzene	ug/kg	500	595.8	119	
Xylene (Total)	ug/kg	1500	1771	118	
a,a,a-Trifluorotoluene (S)				101	
4-Bromofluorobenzene (S)				97	

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QUALITY CONTROL DATA

Laidlaw Environmental Services
5665 FLATIRON PKWY
BOULDER, CO 80301-2800

Pace Project Number: 6021808
Client Project ID: 96120-605 OLD HUDSON LEAK UST

Attn: Mr. BRUCE ZUCCARO
Phone: (303)938-5500

QC Batch ID: 45875
QC Batch Method: OA2
Analysis Method: OA2
Analysis Description: Total Extractable Hydrocarbons
Associated Pace Samples: 601886245 601886278

METHOD BLANK: 601886393
Associated Pace Samples:
601886245 601886278

Parameter	Units	Method Blank Result	PRL	Footnotes
Mineral Spirits	mg/kg	ND	10	
Jet Fuel	mg/kg	ND	10	
Kerosene	mg/kg	ND	10	
Diesel Fuel	mg/kg	ND	10	
Fuel Oil	mg/kg	ND	10	
Motor Oil	mg/kg	ND	10	
n-Tetracosane (S)	%	59		
p-Terphenyl (S)	%	50		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 601886401 601886419

Parameter	Units	601886047	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Diesel Fuel	mg/kg	0	500	399.2	79.8	445.3	89.1	11	
n-Tetracosane (S)					59		66		
p-Terphenyl (S)					50		58		

LABORATORY CONTROL SAMPLE: 601886427

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Diesel Fuel	mg/kg	500	434.8	87.0	
n-Tetracosane (S)				67	

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QUALITY CONTROL DATA

Pace Project Number: 6021808
Client Project ID: 96120-605 OLD HUDSON LEAK UST

LABORATORY CONTROL SAMPLE: 601886427

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
p-Terphenyl (S)				57	

REPORT OF LABORATORY ANALYSIS

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9608 Loiret Blvd.
Lenexa, KS 66219
Tel: 913-599-5665
Fax: 913-599-1759

Pace Analytical

QUALITY CONTROL DATA

Laidlaw Environmental Services
5665 FLATIRON PKWY
BOULDER, CO 80301-2800

Pace Project Number: 6021808
Client Project ID: 96120-605 OLD HUDSON LEAK UST

Attn: Mr. BRUCE ZUCCARO
Phone: (303)938-5500

QC Batch ID: 45954
Analysis Method: EPA 8020/OA1
Associated Pace Samples: 601886278

QC Batch Method: THP Gas/BTEX
Analysis Description: TPH Gas/BTEX

METHOD BLANK: 601890148
Associated Pace Samples:
601886278

Parameter	Units	Method Blank Result	PRL	Footnotes
Gasoline Range Hydrocarbons	mg/kg	0.60	0.005	
Benzene	ug/kg	ND	50	
Toluene	ug/kg	ND	50	
Ethylbenzene	ug/kg	ND	50	
Xylene (Total)	ug/kg	ND	130	
Methyl-tert-butyl Ether	ug/kg	ND	260	
a,a,a-Trifluorotoluene (S)	%	101		
4-Bromofluorobenzene (S)	%	96		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 601892557 6D1892565

Parameter	Units	601886914	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Gasoline Range Hydrocarbons	mg/kg	1.040	48.24	49.03	99.5	52.00	104	4	
Benzene	ug/kg	12.05	482.4	509.4	103	510.7	101	2	
Toluene	ug/kg	0	482.4	522.3	108	534.6	109	0	
Ethylbenzene	ug/kg	15.29	482.4	551.8	111	550.8	109	2	
Xylene (Total)	ug/kg	40.33	1447	1682	113	1686	112	2	
a,a,a-Trifluorotoluene (S)					116		116		
4-Bromofluorobenzene (S)					95		99		

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QUALITY CONTROL DATA

Pace Project Number: 6021808
Client Project ID: 96120-605 OLD HUDSON LEAK UST

LABORATORY CONTROL SAMPLE: 601890171

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Gasoline Range Hydrocarbons	mg/kg	50	49.98	100	
Benzene	ug/kg	500	511.2	102	
Toluene	ug/kg	500	520.2	104	
Ethylbenzene	ug/kg	500	542.5	109	
Xylene (Total)	ug/kg	1500	1636	109	
a,a,a-Trifluorotoluene (S)				117	
4-Bromofluorobenzene (S)				92	

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Pace Project Number: 6021808
Client Project ID: 96120-605 OLD HUDSON LEAK UST

QUALITY CONTROL DATA PARAMETER FOOTNOTES

Consistent with EPA guidelines unrounded concentrations are displayed and have been used to calculate % Rec and RPD values.

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
RPD	Relative Percent Difference
(S)	Surrogate

REPORT OF LABORATORY ANALYSIS

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Pace Rush Project #: 6021805
Pace Normal Project #: 6021808

ENVIROKLEAN

CC ENVIROKLEAN, INC. 25 EAST QUINDARO BLVD. KANSAS CITY KS 66115

1

NAME OF LABORATORY: Pace Analytical Laboratories
ADDRESS OF LABORATORY:
CLIENT NAME: Leidlaw Environmental Services
ADDRESS: 5665 Flatiron Parkway Boulder, Co
NAME OF PERSON TO CONTACT: Bruce Zuccaro
CONTACT PERSON'S PHONE: (303) 938-5555

2

PROJECT NO.:	P.O.#	PROJECT NAME:
96120-605		Old Hudson Leaking UST

3 **4** PARAMETERS FOR ANALYSIS

SAMPLE DESCRIPTION:	Pace Sample #	DATE	TIME	MATRIX	TPH-GRO 8015 B-OA1	TPH-DRO 8015 D-OA2	MTBE	BTEX				NUMBER OF CONTAINERS	PRESERVATIONS
SW-W13	601885940	5-20-98	9:16	Soil	1	1	→	→				2	
WW-13	601885957	5-20	9:27	Soil	1	1	→	→				2	
SW-E4	601885965	5-20	9:32	Soil	1	1	→	→				2	
EB-5	601885973	5-20	10:00	Soil	1	1	→	→				2	
NW-E4	601885981	5-20	10:10	Soil	1	1	→	→				2	
Dup DW per mark	601886245	5-20	10:20	Soil	1	1	→	→				2	
SP	601886278	5-20	10:22	Soil	1	1	→	→				2	
NW-W7	601885999	5-20	11:04	Soil	1	1	→	→				2	
EW-4	601886047	5-18	16:00	Soil	1	1	→	→				2	

5 REMARKS

Turnaround Time
100% rush / normal turn

Detection Limits Special Limits Required Yes No
Please circle one, if Yes, please describe below or include separate sheet detailing requirements.

100% rush
100% rush
100% rush
100% rush
normal turn
normal turn
100% rush
100% rush

6

RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)
Bruce Zuccaro	5-20-98	6:00	Mallatt	Mark Watters / Bruce Zuccaro	5/20/98	17:45	
METHOD OF SHIPMENT: Personal Delivery			RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)

REVISION DATE 10/93

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9608 Loiret Blvd.
Lenexa, KS 66219
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Fax: 913-599-1759

June 05, 1998

Mr. BRUCE ZUCCARO
Laidlaw Environmental Services
5665 FLATIRON PKWY
BOULDER, CO 80301-2800

RE: Pace Project Number: 6021933
Client Project ID: 96120-605 OLD HUDSON LEAK UST

Dear Mr. ZUCCARO:

Enclosed are the results of analyses for sample(s) received on May 27, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Rebecca Wenner

Rebecca Wenner
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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Fax: 913-599-1759

DATE: 06/05/98
PAGE: 1

Laidlaw Environmental Services
5665 FLATIRON PKWY
BOULDER, CO 80301-2800

Pace Project Number: 6021933
Client Project ID: 96120-605 OLD HUDSON LEAK UST

Attn: Mr. BRUCE ZUCCARO
Phone: (303)938-5500

Solid results are reported on a wet weight basis

Pace Sample No: 601896509 Date Collected: 05/27/98 Matrix: Soil
Client Sample ID: SW-2W12 Date Received: 05/27/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC -- Volatiles							
TPH Gas/BTEX	Method: EPA 8020/OA1				Prep Method: THP Gas/BTEX		
Gasoline Range Hydrocarbons	51	mg/kg	8.3	06/02/98	SLC		
Benzene	ND	ug/kg	83	06/02/98	SLC	71-43-2	
Toluene	ND	ug/kg	83	06/02/98	SLC	108-88-3	
Ethylbenzene	190	ug/kg	83	06/02/98	SLC	100-41-4	
Xylene (Total)	500	ug/kg	210	06/02/98	SLC	1330-20-7	
Methyl-tert-butyl Ether	ND	ug/kg	430	06/02/98	SLC	1634-04-4	
a,a,a-Trifluorotoluene (S)	118	%		06/02/98	SLC	2164-17-2	
4-Bromofluorobenzene (S)	83	%		06/02/98	SLC	460-00-4	

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Fax: 913-599-1759

Pace Analytical

Pace Project Number: 6021933
Client Project ID: 96120-605 OLD HUDSON LEAK UST

Pace Sample No: 601896517 Date Collected: 05/27/98 Matrix: Soil
Client Sample ID: NW2L-5 Date Received: 05/27/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC -- Volatiles							
TPH Gas/BTEX	Method: EPA 8020/OA1				Prep Method: THP Gas/BTEX		
Gasoline Range Hydrocarbons	ND	mg/kg	5	06/02/98	SLC		
Benzene	ND	ug/kg	50	06/02/98	SLC	71-43-2	
Toluene	ND	ug/kg	50	06/02/98	SLC	108-88-3	
Ethylbenzene	ND	ug/kg	50	06/02/98	SLC	100-41-4	
Xylene (Total)	ND	ug/kg	130	06/02/98	SLC	1330-20-7	
Methyl-tert-butyl Ether	ND	ug/kg	260	06/02/98	SLC	1634-04-4	
a,a,a-Trifluorotoluene (S)	119	%		06/02/98	SLC	2164-17-2	
4-Bromofluorobenzene (S)	85	%		06/02/98	SLC	460-00-4	
GC -- Semi-VOA							
Total Extractable Hydrocarbons	Method: OA2				Prep Method: OA2		
Mineral Spirits	ND	mg/kg	10	06/02/98	EMA		
Jet Fuel	ND	mg/kg	10	06/02/98	EMA		
Kerosene	ND	mg/kg	10	06/02/98	EMA		
Diesel Fuel	300	mg/kg	10	06/02/98	EMA	11-84-7...	
Fuel Oil	ND	mg/kg	10	06/02/98	EMA		
Motor Oil	ND	mg/kg	10	06/02/98	EMA		
n-Tetracosane (S)	97	%		06/02/98	EMA	646-31-1	
p-Terphenyl (S)	88	%		06/02/98	EMA	92-94-4	
Date Extracted				05/29/98			

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Pace Analytical

Pace Project Number: 6021933
Client Project ID: 96120-605 OLD HUDSON LEAK UST

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

QUALITY CONTROL DATA

Laidlaw Environmental Services
5665 FLATIRON PKWY
BOULDER, CO 80301-2800

Pace Project Number: 6021933
Client Project ID: 96120-605 OLD HUDSON LEAK UST

Attn: Mr. BRUCE ZUCCARO
Phone: (303)938-5500

QC Batch ID: 46139
QC Batch Method: OA2
Analysis Method: OA2
Analysis Description: Total Extractable Hydrocarbons
Associated Pace Samples: 601896517

METHOD BLANK: 601897259
Associated Pace Samples:
601896517

Parameter	Units	Method Blank Result	PRL	Footnotes
Mineral Spirits	mg/kg	ND	10	
Jet Fuel	mg/kg	ND	10	
Kerosene	mg/kg	ND	10	
Diesel Fuel	mg/kg	ND	10	
Fuel Oil	mg/kg	ND	10	
Motor Oil	mg/kg	ND	10	
n-Tetracosane (S)	%	81		
p-Terphenyl (S)	%	83		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 601897267 601897275

Parameter	Units	601894603	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes

LABORATORY CONTROL SAMPLE: 601897283

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Diesel Fuel	mg/kg	500	334.0	66.8	1
n-Tetracosane (S)				72	
p-Terphenyl (S)				73	

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Pace Analytical

QUALITY CONTROL DATA

LaidLaw Environmental Services
5665 FLATIRON PKWY
BOULDER, CO 80301-2800

Pace Project Number: 6021933
Client Project ID: 96120-605 OLD HUDSON LEAK UST

Attn: Mr. BRUCE ZUCCARO
Phone: (303)938-5500

QC Batch ID: 46253
QC Batch Method: THP Gas/BTEX
Analysis Method: EPA 8020/OA1
Analysis Description: TPH Gas/BTEX
Associated Pace Samples: 601896509 601896517

METHOD BLANK: 601903727
Associated Pace Samples:
601896509 601896517

Parameter	Units	Method Blank Result	PRL	Footnotes
Gasoline Range Hydrocarbons	mg/kg	1.6	0.005	
Benzene	ug/kg	ND	50	
Toluene	ug/kg	ND	50	
Ethylbenzene	ug/kg	ND	50	
Xylene (Total)	ug/kg	ND	130	
Methyl-tert-butyl Ether	ug/kg	ND	260	
a,a,a-Trifluorotoluene (S)	%	126		
4-Bromofluorobenzene (S)	%	101		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 601904824 601904832

Parameter	Units	601896665	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Gasoline Range Hydrocarbons	mg/kg	0.7254	48.66	42.05	84.9	42.38	84.7	0	
Benzene	ug/kg	0	486.6	480.4	98.7	489.7	99.6	1	
Toluene	ug/kg	0	486.6	500.3	103	514.2	104	2	
Ethylbenzene	ug/kg	0	486.6	539.6	111	545.2	111	0	
Xylene (Total)	ug/kg	20.78	1460	1594	108	1574	105	2	
a,a,a-Trifluorotoluene (S)					120		119		
4-Bromofluorobenzene (S)					88		89		

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Pace Analytical

QUALITY CONTROL DATA

Pace Project Number: 6021933
Client Project ID: 96120-605 OLD HUDSON LEAK UST

LABORATORY CONTROL SAMPLE: 601903750

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Gasoline Range Hydrocarbons	mg/kg	50	36.28	72.6	
Benzene	ug/kg	500	507.7	102	
Toluene	ug/kg	500	545.0	109	
Ethylbenzene	ug/kg	500	550.6	110	
Xylene (Total)	ug/kg	1500	1688	113	
a,a,a-Trifluorotoluene (S)				109	
4-Bromofluorobenzene (S)				86	

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Pace Project Number: 6021933
Client Project ID: 96120-605 OLD HUDSON LEAK UST

QUALITY CONTROL DATA PARAMETER FOOTNOTES

Consistent with EPA guidelines unrounded concentrations are displayed and have been used to calculate % Rec and RPD values.

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
RPD	Relative Percent Difference
(S)	Surrogate
[1]	The Matrix Spike and Matrix Spike Duplicate (MS/MSD) compound recovery information is not available. The randomly selected sample used for spiking purposes contain hydrocarbon interference. The LCS demonstrates satisfactory recovery of sample group.

REPORT OF LABORATORY ANALYSIS

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Pace Project #: 6021933

ENVIROKLEAN

CC: ENVIROKLEAN, INC. 25 EAST QUINDARO BLVD. KANSAS CITY KS 66115

1

NAME OF LABORATORY:

ADDRESS OF LABORATORY:

CLIENT NAME: Ezidlaw Environmental Svcs

ADDRESS: 5665 Flatiron Pkwy Boulder, Co 80301

NAME OF PERSON TO CONTACT: Bruce Zimmerman

CONTACT PERSON'S PHONE: (303) 938-5555

2

PROJECT NO.:	P.O.#	PROJECT NAME:
96120-605		Old Hudson Leaking UST Site

3

SAMPLE DESCRIPTION:	Pace Sample #	DATE	TIME	MATRIX
SW-2 W12	6018796509	5-27-98	8:23	Soil
NW2L-5	6018796517	5-27	10:38	Soil

4 PARAMETERS FOR ANALYSIS

TPH-GRO/TPH-DRO (EPA MODIFIED)	TPH-GRO/TPH-DRO (AK)	NUMBER OF CONTAINERS	PRESERVATIONS
1		1	X
1	1	2	X

5 REMARKS

Turnaround Time: Normal

Detection Limits Special Limits Required Yes (No) Please circle one. If Yes, please describe below or include separate sheet detailing requirements.

RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)
Bruce Zimmerman	5-27-98	15:30	[signature] 5/27/98 17:54				

6

METHOD OF SHIPMENT	RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)

REVISION DATE 10/93

APPENDIX D

Soil Disposal Documentation

UNION PACIFIC RAILROAD
651 East Broadway
Sedalia, Missouri 65301

DATE	TICKET NO.	TRUCK NO.	TIME IN	NET WEIGHT (pounds)	LOAD VOLUME (yard)	
5/21/98	65295	46	7:52 AM	46,200	23.10	
5/21/98	65298	57	8:07 AM	44,280	22.14	
5/21/98	65299	45	8:13 AM	53,140	26.57	
5/21/98	65300	61	8:33 AM	52,120	26.06	
5/21/98	65310	47	9:55 AM	48,680	24.34	
5/21/98	65311	63	10:11 AM	47,680	23.84	
5/21/98	65315	46	10:42 AM	44,720	22.36	
5/21/98	65317	45	10:55 AM	49,360	24.68	
5/21/98	65320	57	11:16 AM	46,060	23.03	
5/21/98	65325	61	11:32 AM	37,680	18.84	
5/21/98	65331	47	12:23 PM	42,240	21.12	
5/21/98	65335	63	12:37 PM	39,240	19.62	
5/21/98	65337	46	12:53 PM	50,280	25.14	
5/21/98	65340	45	13:16 PM	53,480	26.74	
5/21/98	65344	57	14:17 PM	49,520	24.76	
5/21/98	65345	61	14:35 PM	50,640	25.23	
5/21/98	65347	47	14:52 PM	53,980	26.99	
5/21/98	65348	63	15:09 PM	51,480	25.74	
5/21/98	65350	46	15:21 PM	62,460	31.23	
5/21/98	65353	45	15:45 PM	57,140	28.57	- 20 loads / used 490.1
May 21, 1998 TOTALS				980,380	490.10	
5/22/98	65356	61	7:20 AM	52,080	26.04	
5/22/98	65357	45	7:26 AM	54,620	27.31	
5/22/98	65359	46	7:36 AM	52,320	26.16	
5/22/98	65362	63	7:46 AM	38,020	19.01	
5/22/98	65363	57	7:59 AM	46,300	23.15	
5/22/98	65364	47	8:05 AM	51,200	25.60	
5/22/98	65369	46	9:08 AM	53,280	26.64	
5/22/98	65370	63	9:17 AM	53,660	26.83	
5/22/98	65373	61	9:38 AM	60,340	30.17	
5/22/98	65376	45	9:54 AM	59,220	29.61	
5/22/98	65384	57	10:20 AM	46,300	23.15	
5/22/98	65387	47	10:35 AM	50,100	25.05	
5/22/98	65389	46	10:59 AM	56,800	28.40	
5/22/98	65393	63	11:22 AM	53,700	26.85	
5/22/98	65394	61	11:34 AM	50,880	25.44	
5/22/98	65397	47	12:21 PM	54,340	27.17	
5/22/98	65402	45	12:37 PM	27,540	27.41	
5/22/98	65406	57	12:53 PM	49,460	24.73	
5/22/98	65408	46	13:09 PM	27,460	29.53	
5/22/98	65411	63	13:26 PM	53,100	26.55	
5/22/98	65416	63	13:55 PM	54,880	27.44	
5/22/98	65420	45	14:50 PM	53,340	26.67	
5/22/98	65423	57	15:19 PM	50,720	25.36	- 23 loads
May 22, 1998 TOTALS				1,149,680	604.27	

UNION PACIFIC RAILROAD
651 East Broadway
Sedalia, Missouri 65301

DATE	TICKET NO.	TRUCK NO.	TIME IN	NET WEIGHT (pounds)	LOAD VOLUME (tons)	
5/26/98	65465	57	7:29 AM	51,300	25.65	
5/26/98	65468	47	7:40 AM	49,240	24.62	
5/26/98	65467	56	7:45 AM	52,620	26.31	
5/26/98	65469	61	7:50 AM	49,520	24.76	
5/26/98	65475	46	9:00 AM	57,240	28.62	
5/26/98	65478	63	9:08 AM	46,460	23.23	
5/26/98	65482	56	9:42 AM	54,000	27.00	
5/26/98	65485	57	9:55 AM	43,900	21.95	
5/26/98	65488	47	10:10 AM	49,620	24.81	
5/26/98	65489	61	10:24 AM	54,300	27.15	
5/26/98	65498	46	11:08 AM	52,440	26.22	
5/26/98	65499	63	11:16 AM	51,800	25.90	
5/26/98	65503	56	11:43 AM	54,440	27.22	
5/26/98	65505	57	11:59 AM	51,740	25.87	
5/26/98	65508	47	12:22 PM	49,880	24.94	
5/26/98	65512	61	12:34 PM	57,000	28.50	
5/26/98	65516	46	12:57 PM	58,060	29.03	
5/26/98	65520	63	13:21 PM	53,120	26.56	
5/26/98	65525	56	14:05 PM	58,100	29.05	
5/26/98	65527	57	14:28 PM	54,980	27.49	
5/26/98	65528	47	14:51 PM	54,040	27.02	
5/26/98	65530	61	14:58 PM	54,280	27.14	
5/26/98	65533	46	15:09 PM	58,240	29.12	
5/26/98	65536	63	15:28 PM	53,680	26.84	- 24 loads
May 26, 1998 TOTALS				1,270,080	635	
5/27/98	65543	63	8:36 AM	55,520	27.76	
5/27/98	65552	63	10:28 AM	57,640	28.82	
5/27/98	65572	63	12:39 PM	61,820	30.91	- 3 loads
May 27, 1998 TOTALS				174,950	87	87.49
TOTALS MAY 21 - 27, 1998				3,573,030	1816.86	1816.86

SHOW ME LANDFILL

230 SE 121, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

SITE	TICKET	GRID
09	065572	

WEIGHMASTER: Denise Smethers

DATE IN	TIME IN
05/27/98	12:39
DATE OUT	**TIME OUT**
05/27/98	12:39

BOGLER-63

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF		REFERENCE	ORIGIN
Manual Gross Weight	92580	LB	Inbound -	Charge ticket
Stored Tare Weight	30760	LB		
Net Weight	61820	LB		

30.91 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

SIGNATURE X Bud Bogler

SHOW ME LANDFILL

[illegible] Warrensburg, MO 64093
(816) 747-7697
AW/ a Division of Allied Waste Industries, Inc

SITE	TICKET	GRID
09	065543	

WEIGHMASTER: Denise Smethers

DATE IN	TIME IN
05/27/98	08:36

DATE OUT	TIME OUT
05/27/98	08:36

BOGLER-63

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF		
Manual Gross Weight	86280	LB	
Stored Tare Weight	30760	LB	
Net Weight	55520	LB	

REFERENCE	ORIGIN
Inbound -	Charge ticket

27.76 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

SIGNATURE X Bud 638

174980 lbs.
87.49 ton

SHOW ME LANDFILL

240 SR 421, Warrensburg, MO 64093
(816) 747-2602
A Division of Allied Waste Industries, Inc.

SITE	TICKET	GRID
09	065552	

WEIGHMASTER
Denise Smethers

DATE IN	TIME IN
05/27/98	10:08
05/27/98	10:29
DATE OUT	TIME OUT

BOGLER-63

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF		REFERENCE	ORIGIN
Manual Gross Weight	88400	LB	Inbound -	Charge ticket
Stored Tare Weight	30760	LB		
Net Weight	57640	LB		

28.82 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

SIGNATURE X Bud 63

SHOW ME LANDFILL

[illegible] SE 121, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

SITE	TICKET	GRID
09	065530	

WEIGHMASTER	
Denise Smethers	

DATE IN	TIME IN
05/26/98	14:58

DATE OUT	TIME OUT
05/26/98	14:58

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

BOGLER-61

VEHICLE	ROLL OFF			REFERENCE	ORIGIN
Manual Gross Weight	86300	LB		Inbound -	Charge ticket
Stored Tare Weight	32020	LB			
Net Weight	54280	LB			

27.14 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

SIGNATURE X

1,269,640 lbs.

634.82 ton

SHOW ME LANDFILL

240 SE 421, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc

SITE	TICKET	GRID
09	065528	

WEIGHMASTER: Denise Smethers

DATE IN	TIME IN
05/26/98	14:51

DATE OUT	TIME OUT
05/26/98	14:51

BOGLER-47

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF		
Manual Gross Weight	84520	LB	
Stored Tare Weight	30480	LB	
Net Weight	54040	LB	

REFERENCE	ORIGIN
Inbound -	Charge ticket

27.02 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

SIGNATURE X Jerry Bradley

SHOW ME LANDFILL

3810 SE 121, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

SITE	TICKET	GRID
09	065533	

WEIGHMASTER	
Denise Smethers	
DATE IN: 05/26/98	TIME IN: 15:09
DATE OUT: 05/26/98	TIME OUT: 15:09

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

BOGLER-46

VEHICLE	ROLL OFF		REFERENCE	ORIGIN
Manual Gross Weight	85700	LB	Inbound -	Charge ticket
Stored Tare Weight	27460	LB		
Net Weight	58240	LB		

29.12 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

SIGNATURE X Randy #46

SHOW ME LANDFILL

[illegible] Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc

SITE	TICKET	GRID
09	065536	

WEIGHTMASTER: Denise Smethers

DATE IN	TIME IN
05/26/98	15:08
DATE OUT	TIME OUT
05/26/98	15:28

BOGLER-63

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF

Manual Gross Weight	84440	LB
Stored Tare Weight	30760	LB
Net Weight	53680	LB

REFERENCE	ORIGIN
Inbound -	Charge ticket

26.84 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

SIGNATURE X Bud 63

SHOW ME LANDFILL

[illegible] SE 131, Warrensburg, MO 64093
(816) 747-7600
A Division of Allied Waste Industries, Inc.

SITE	TICKET	GRID
09	066525	

WEIGHMASTER: Denise Smethers

DATE IN	TIME IN
05/26/98	14:05
DATE OUT	TIME OUT
05/26/98	14:05

BOGLER-56

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF		REFERENCE	ORIGIN
Manual Gross Weight	91520	LB	Inbound -	Charge ticket
Stored Tare Weight	33420	LB		
Net Weight	58100	LB		

29.05 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

SIGNATURE X [signature] 56

SHOW ME LANDFILL

Rt. 2, Box 121, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

SITE	TICKET	GRID
09	065527	

WEIGHMASTER: Denise Smethers

DATE IN	TIME IN
05/26/98	14:28
DATE OUT	TIME OUT
05/26/98	14:28

BOGLER-57

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF		REFERENCE	ORIGIN
			Inbound -	Charge ticket

Manual Gross Weight	87960	LB
Stored Tare Weight	32980	LB
Net Weight	54980	LB

27.49 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

SIGNATURE X Fred Bogler

SHOW ME LANDFILL

700 SE 471, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

SITE	TICKET	GRID
09	065520	

WEIGHMASTER: Denise Smethers

DATE IN	TIME IN
05/26/98	13:21
DATE OUT	TIME OUT
05/26/98	13:21

BOGLER-63

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF		REFERENCE	ORIGIN
Manual Gross Weight	83880	LB	Inbound -	Charge ticket
Stored Tare Weight	30760	LB		
Net Weight	53120	LB		

26.56 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

SIGNATURE X Bud 63#

SHOW ME LANDFILL

500 SE 131, Warrensburg, MO 64093
(816) 747-7607
A Division of Allied Waste Industries, Inc.

SITE	TICKET	GRID
09	065516	

WEIGHMASTER: Denise Smethers

DATE IN	TIME IN
05/26/98	12:57

DATE OUT	TIME OUT
05/26/98	12:57

BOGLER-46

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF

REFERENCE	ORIGIN
Inbound -	Charge ticket

Manual Gross Weight	85520	LB
Stored Tare Weight	27460	LB
Net Weight	58060	LB

29.03 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

SIGNATURE X Randy #46

SHOW ME LANDFILL

230 SE 421, Warrensburg, MO 64093
(816) 747-7692
A Division of Allied Waste Industries, Inc.

SITE	TICKET	GRID
09	065512	

WEIGHMASTER: Denise Smethers

DATE IN	TIME IN
05/26/98	12:34
DATE OUT	TIME OUT
05/26/98	12:34

BOGLER-61

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF		
Manual Gross Weight	89020	LB	
Stored Tare Weight	32020	LB	
Net Weight	57000	LB	

REFERENCE	ORIGIN
Inbound -	Charge ticket

28.50 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

SIGNATURE X

SHOW ME LANDFILL

380 SE 121, Warrensburg, MO 64093
(816) 747-7687
A Division of Allied Waste Industries, Inc.

SITE	TICKET	GRID
09	066508	

WEIGHMASTER
Denise Smethers

DATE IN	TIME IN
05/26/98	12:08
DATE OUT	**TIME OUT**
05/26/98	12:22

BOGLER-47

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF		REFERENCE	ORIGIN
			Inbound -	Charge ticket

Manual Gross Weight	80360	LB
Stored Tare Weight	30480	LB
Net Weight	49880	LB

24.94 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

SIGNATURE X Jerry Spradling

SHOW ME LANDFILL

580 SE 1st, Warrensburg, MO 64093
(816) 747-7693
A Division of Allied Waste Industries, Inc.

SITE	TICKET	GRID
09	066505	

WEIGHMASTER	
Denise Smethers	
DATE IN 05/26/98	TIME IN 11:59
DATE OUT 05/26/98	TIME OUT 11:59
BOGLER-57	

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF		REFERENCE	ORIGIN
Manual Gross Weight	84720	LB	Inbound -	Charge ticket
Stored Tare Weight	32980	LB		
Net Weight	51740	LB		

25.87 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT
TENDERED
CHANGE

SIGNATURE X

SHOW ME LANDFILL

[illegible] SR 131, Warrensburg, MO 64093
(816) 747-3697
A Division of Allied Waste Industries, Inc.

SITE	TICKET	GRID
09	065503	

WEIGHMASTER
Denise Smethers

DATE IN	TIME IN
05/26/98	11:43
DATE OUT	TIME OUT
05/26/98	11:43

BOGLER-56

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF		REFERENCE	ORIGIN
Manual Gross Weight	87860	LB	Inbound -	Charge ticket
Stored Tare Weight	33420	LB		
Net Weight	54440	LB		

27.22 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

SIGNATURE X Ryan # 56

SHOW ME LANDFILL

[illegible] Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

SITE	TICKET	GRID
09	065498	

WEIGHMASTER: Denise Smethers

DATE IN	TIME IN
05/26/98	11:08
DATE OUT	TIME OUT

BOGLER-46

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF		REFERENCE	ORIGIN
Manual Gross Weight	79900	LB	Inbound -	Charge ticket
Stored Tare Weight	27460	LB		
Net Weight	52440	LB		

26.22 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

SIGNATURE X Randy #46

SHOW ME LANDFILL

290 SR 421, Warrensburg, MO 64093
(816) 747-7692
A Division of Allied Waste Industries, Inc

SITE	TICKET	GRID
09	065499	

WEIGHMASTER: Denise Smethers

DATE IN	TIME IN
05/26/98	11:16

DATE OUT	TIME OUT

BOGLER-63

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF		
Manual Gross Weight	82560	LB	
Stored Tare Weight	30760	LB	
Net Weight	51800	LB	

REFERENCE	ORIGIN
Inbound -	Charge ticket

25.90 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

SIGNATURE X Bud 63#

SHOW ME LANDFILL

[illegible] SR 121, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

SITE	TICKET	GRID
09	065489	

WEIGHMASTER
Denise Smethers

DATE IN	TIME IN
05/26/98	10:24
DATE OUT	TIME OUT
05/26/98	10:24

BOGLER-61

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF

Manual Gross Weight	86320	LB
Stored Tare Weight	32020	LB
Net Weight	54300	LB

REFERENCE	ORIGIN
Inbound -	Charge ticket

27.15 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT
TENDERED
CHANGE

SIGNATURE X

SHOW ME LANDFILL

350 SE 13E, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

SITE	TICKET	GRID
09	065488	

WEIGHMASTER
Denise Smethers

DATE IN	TIME IN
05/26/98	10:10
DATE OUT	**TIME OUT**
05/26/98	10:10

BOGLER-47

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF		REFERENCE	ORIGIN
Manual Gross Weight	80100	LB	Inbound -	Charge ticket
Stored Tare Weight	30480	LB		
Net Weight	49620	LB		

24.81 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT
TENDERED
CHANGE

SIGNATURE X

SHOW ME LANDFILL

RR 5 SE 121, Warrensburg, MO 64093
(816) 747-7607
A Division of Allied Waste Industries, Inc.

SITE	TICKET	GRID
09	065485	

WEIGHMASTER	
Denise Smethers	
DATE IN 05/26/98	TIME IN 09:55
DATE OUT 05/26/98	TIME OUT 09:55
BOGLER-57	

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF		
Manual Gross Weight	76880	LB	
Stored Tare Weight	32980	LB	
Net Weight	43900	LB	

REFERENCE	ORIGIN
Inbound -	Charge ticket

21.95 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT
TENDERED
CHANGE

SIGNATURE X

SHOW ME LANDFILL

[illegible] Rt. E, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc

SITE	TICKET	GRID
09	065482	

WEIGHMASTER
Denise Smethers

DATE IN	TIME IN
05/26/98	09:42
DATE OUT	**TIME OUT**

BOGLER-56

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF			REFERENCE	ORIGIN
	Manual Gross Weight	87420	LB	Inbound -	Charge ticket
	Stored Tare Weight	33420	LB		
	Net Weight	54000	LB		

27.00 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT
TENDERED
CHANGE

SIGNATURE X Roger H 56

SHOW ME LANDFILL

230 SE 421, Warrensburg, MO 64093
(816) 747-7597
A Division of Allied Waste Industries, Inc.

SITE	TICKET
09	065475

WEIGHMASTER
Denise Smethers

DATE IN	TIME IN
05/26/98	09:00

DATE OUT
BOGLER-46

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF		REFERENCE	ORIGIN
			Inbound -	Charge ticket

Manual Gross Weight	84700	LB
Stored Tare Weight	27460	LB
Net Weight	57240	LB

28.62 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

SIGNATURE X Randy #46

SHOW ME LANDFILL

240 SE 421, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

09 065478	
Denise Smethers	
05/26/98	
05/26/98	09:08
BOGLER-63	

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF		REFERENCE	ORIGIN
Manual Gross Weight	77220	LB	Inbound -	Charge ticket
Stored Tare Weight	30760	LB		
Net Weight	46460	LB		

23.23 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

SIGNATURE X Bud 63#

SHOW ME LANDFILL

230 SE 421, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

09	065469
Weighmaster	
Denise Smethers	
Date In	Time In
05/26/98	07:50
Date Out	Time Out
BOGLER-61	

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

Vehicle #	Roll Off #			Reference	Origin
Manual Gross Weight	81540	LB		Inbound -	Charge ticket
Stored Tare Weight	32020	LB			
Net Weight	49520	LB			

24.76 TN CONTAMINATED SOIL

Qty.	Rate	Description	Amount

Net Amount	
Tax Rate	
Charge	

SIGNATURE X

SHOW ME LANDFILL

230 SE 421, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

09 065468

Denise Smethers

05/26/98 07:40

BOGLER-47

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

	ROLLOFF		REFERENCE	ORIGIN
Manual Gross Weight	79720	LB	Inbound -	Charge ticket
Stored Tare Weight	30480	LB		
Net Weight	49240	LB		

24.62 TN CONTAMINATED SOIL

QTY	DESCRIPTION	

SIGNATURE X

SHOW ME LANDFILL

230 SE 421, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

SITE	TICKET
09	065465

Denise Smethers

DATE	TIME
05/26/98	07:29

BOGLER-57

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF		REFERENCE	CHECK
Manual Gross Weight	84280	LB	Inbound -	Charge ticket
Stored Tare Weight	32980	LB		
Net Weight	51300	LB		

25.65 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT
TENDERED
CHANGE

SIGNATURE X

SHOW ME LANDFILL

230 SE 421, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

TICKET
09 065467
Denise Smethers
DATE IN
05/26/98 07:45
DATE OUT

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF
56	

REFERENCE	ORIGIN
Inbound -	Charge ticket

Manual Gross Weight	86040	LB
Manual Tare Weight	33420	LB
Net Weight	52620	LB

26.31 TN CONTAMINATED SOIL

QTY	DESCRIPTION	LOCATION

NET TONS

GROSS TONS

TARE TONS

SIGNATURE X Ryan H SL

SHOW ME LANDFILL

240 SE 421, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

SITE	TICKET
09	065359

WEIGHMASTER
Denise Smethers

DATE IN	TIME IN
05/22/98	07:36

DATE OUT	TIME OUT

BOGLER-46

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF		REFERENCE	ORIGIN
Manual Gross Weight	79780	LB	Inbound -	Charge ticket
Stored Tare Weight	27460	LB		
Net Weight	52320	LB		

26.16 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

Show-Me Landfill will be CLOSED on Mon, May 25, 1998 to observe the Memorial Day Holiday.

SIGNATURE X Randy #46

LBS 1,708,540

SHOW ME LANDFILL

230 SE 421, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

SITE	TICKET	DRIVER
09	065420	

WEIGHMASTER
Denise Smethers

DATE IN	TIME IN
05/22/98	14:50

DATE OUT	TIME OUT
05/22/98	

BOGLER-45

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF

REFERENCE	ORIGIN
Inbound -	Charge ticket

Manual Gross Weight	80880	LB
Stored Tare Weight	27540	LB
Net Weight	53340	LB

26.67 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

Show-Me Landfill will be CLOSED on Mon, May 25, 1998 to observe the Memorial Day Holiday.

SIGNATURE X _____

SHOW ME LANDFILL

230 SE 421, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

09	065423
WEIGHT BY	
Denise Smethers	
DATE IN	TIME IN
05/22/98	15:19
DATE OUT	TIME OUT
BOGLER-57	

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF		REFERENCE	ORIGIN
Manual Gross Weight	83700	LB	Inbound -	Charge ticket
Stored Tare Weight	32980	LB		
Net Weight	50720	LB		

25.36 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

TENDERED	
CHANGE	

Show-Me Landfill will be CLOSED on Mon, May 25, 1998 to observe the Memorial Day Holiday.

SIGNATURE X

SHOW ME LANDFILL

230 SE 421, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

SITE	TICKET	CARD
09	065362	

WEIGHMASTER
Denise Smethers

DATE IN	TIME IN
05/22/98	07:46

DATE OUT	TIME OUT
05/22/98	07:46

BOGLER-63

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF	
Manual Gross Weight	68780	LB
Stored Tare Weight	30760	LB
Net Weight	38020	LB

REFERENCE	ORIGIN
Inbound -	Charge ticket

19.01 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

Show-Me Landfill will be CLOSED on Mon, May 25, 1998 to observe the Memorial Day Holiday.

SIGNATURE X

SHOW ME LANDFILL

230 SE 421, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

SITE	TICKET	
09	065356	

WEIGHMASTER
Denise Smethers

05/22/98	
05/22/98	07:20
DATE OUT	TIME OUT
BOGLER-61	

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF		REFERENCE	ORIGIN
Manual Gross Weight	84100	LB	Inbound -	Charge ticket
Stored Tare Weight	32020	LB		
Net Weight	52080	LB		

26.04 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

Show-Me Landfill will be CLOSED on Mon, May 25, 1998 to observe the Memorial Day Holiday.

SIGNATURE X

SHOW ME LANDFILL

230 SR 421, Warrensburg, MO 64093
(816) 747-2697
A Division of Allied Waste Industries, Inc.

SITE	TICKET	LOAD
09	065357	

FIELD MASTER
Denise Smethers

DATE IN	TIME IN
05/22/98	07:26

DATE OUT	TIME OUT
BOGLER-45	

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF			REFERENCE	ORIGIN
	Manual Gross Weight	82160	LB	Inbound -	Charge ticket
	Stored Tare Weight	27540	LB		
	Net Weight	54620	LB		

27.31 TN CONTAMINATED SOIL

QTY	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

Show-Me Landfill will be CLOSED on Mon, May 25, 1998 to observe the Memorial Day Holiday.

SIGNATURE X Gordon

SHOW ME LANDFILL

230 SE 421, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

TICKET	
09	065364
CUSTOMER	
Denise Smethers	
DATE IN	TIME IN
05/22/98	08:05
DATE OUT	TIME OUT
BOGLER-47	

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF		REFERENCE	ORIGIN
Manual Gross Weight	81680	LB	Inbound -	Charge ticket
Stored Tare Weight	30480	LB		
Net Weight	51200	LB		

25.60 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT
CHANGE

Show-Me Landfill will be CLOSED on Mon, May 25, 1998 to observe the Memorial Day Holiday.

SIGNATURE X Jessy Bradley

SHOW ME LANDFILL

230 SE 421, Warrensburg, MO 64093
(816) 747-7597
A Division of Allied Waste Industries, Inc.

SITE	TICKET
09	065363

WEIGHMASTER
Denise Smethers

DATE IN	TIME IN
05/22/98	08:00

DATE OUT	TIME OUT

BOGLER-57

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF

REFERENCE	ORIGIN
Inbound -	Charge ticket

Manual Gross Weight	79280	LB
Stored Tare Weight	32980	LB
Net Weight	46300	LB

23.15 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

Show-Me Landfill will be CLOSED on Mon, May 25, 1998 to observe the Memorial Day Holiday.

SIGNATURE X

SHOW ME LANDFILL

230 SE 421, Warrensburg, MO 64093
(816) 747-7607
A Division of Allied Waste Industries, Inc.

SITE	TICKET
09	065369

WEIGHMASTER
Denise Smethers

DATE IN	TIME IN
05/22/98	09:08

DATE OUT	TIME OUT

BOGLER-46

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF		
Manual Gross Weight	80740	LB	
Stored Tare Weight	27460	LB	
Net Weight	53280	LB	

REFERENCE	ORIGIN
Inbound -	Charge ticket

26.64 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

Show-Me Landfill will be CLOSED on Mon, May 25, 1998 to observe the Memorial Day Holiday.

SIGNATURE X Randy #46

SHOW ME LANDFILL

230 SR 421, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

SITE	TICKET
09	065373

WEIGHMASTER
Denise Smethers

DATE IN	TIME IN
05/22/98	09:38

DATE OUT	TIME OUT

BOGLER-61

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF		REFERENCE	ORIGIN
Manual Gross Weight	92360	LB	Inbound -	Charge ticket
Stored Tare Weight	32020	LB		
Net Weight	60340	LB		

30.17 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

SUBTOTAL
TENDERED
BALANCE

Show-Me Landfill will be CLOSED on Mon, May 25, 1998 to observe the Memorial Day Holiday.

SIGNATURE X

SHOW ME LANDFILL

230 SE 421, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

09 065370

Denise Smethers

DATE IN	TIME IN
05/22/98	09:17

DATE OUT

BOGLER-63

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF		REFERENCE	ORIGIN
Manual Gross Weight	84420	LB	Inbound -	Charge ticket
Stored Tare Weight	30760	LB		
Net Weight	53660	LB		

26.83 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

Show-Me Landfill will be CLOSED on Mon, May 25, 1998 to observe the Memorial Day Holiday.

SIGNATURE X Bud 63#

SHOW ME LANDFILL

210 SE 421, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

SITE	TICKET	DEPT
09	065376	

WEIGHMASTER: Denise Smethers

DATE IN	TIME IN
05/22/98	09:54

DATE OUT	TIME OUT

BOGLER-45

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF			REFERENCE	ORIGIN
	Manual Gross Weight	86760	LB	Inbound -	Charge ticket
	Stored Tare Weight	27540	LB		
	Net Weight	59220	LB		

29.61 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

Show-Me Landfill will be CLOSED on Mon, May 25, 1998 to observe the Memorial Day Holiday.

SIGNATURE X A Gordon

SHOW ME LANDFILL

230 SE 421, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

SITE	TICKET
09	065387

WEIGHMASTER
Denise Smethers

DATE IN 98	TIME IN
05/22/98	10:35

DATE OUT	TIME OUT
BOGLER-47	

000040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF		REFERENCE	ORIGIN
Manual Gross Weight	80580	LB	Inbound -	Charge ticket
Stored Tare Weight	30480	LB		
Net Weight	50100	LB		

25.05 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

Show-Me Landfill will be CLOSED on Mon, May 25, 1998 to observe the Memorial Day Holiday.

SIGNATURE X Jennifer Bradley

SHOW ME LANDFILL

230 SE 421, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

09	065389
WEIGHMASTER	
Denise Smethers	
DATE IN	TIME IN
05/22/98	10:59
DATE OUT	TIME OUT
BOGLER-46	

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF		REFERENCE	ORIGIN
Manual Gross Weight	84260	LB	Inbound -	Charge ticket
Stored Tare Weight	27460	LB		
Net Weight	56800	LB		

28.40 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

Show-Me Landfill will be CLOSED on Mon, May 25, 1998 to observe the Memorial Day Holiday.

SIGNATURE X Randy #46

SHOW ME LANDFILL

230 SE 421, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

SITE	TICKET
09	065384

WEIGHTMASTER: Denise Smethers

DATE IN	TIME IN
05/22/98	10:20

DATE OUT	TIME OUT

BOGLER-57

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF		
Manual Gross Weight	79280	LB	
Stored Tare Weight	32980	LB	
Net Weight	46300	LB	

REFERENCE	ORIGIN
Inbound -	Charge ticket

23.15 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

Show-Me Landfill will be CLOSED on Mon, May 25, 1998 to observe the Memorial Day Holiday.

SIGNATURE X

SHOW ME LANDFILL

230 SE 421, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

SITE	TICKET
09	065393

WEIGHMASTER
Denise Smethers

DATE IN	TIME IN
05/22/98	11:22

DATE OUT	TIME OUT

BOGLER-63

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF		
Manual Gross Weight	84460	LB	
Stored Tare Weight	30760	LB	
Net Weight	53700	LB	

REFERENCE	ORIGIN
Inbound -	Charge ticket

26.85 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT

TAX RATE

CHANGE

Show-Me Landfill will be CLOSED on Mon, May 25, 1998 to observe the Memorial Day Holiday.

SIGNATURE X Bogler 63#

SHOW ME LANDFILL

230 SE 421, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

SITE	TICKET
09	065394

CASHIER
Denise Smethers

DATE IN	TIME IN
05/22/98	11:34

DATE OUT	TIME OUT

BOGLER-61

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF

REFERENCE	ORIGIN
Inbound -	Charge ticket

Manual Gross Weight	82900	LB
Stored Tare Weight	32020	LB
Net Weight	50880	LB

25.44 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

Show-Me Landfill will be CLOSED on Mon, May 25, 1998 to observe the Memorial Day Holiday.

SIGNATURE X

SHOW ME LANDFILL

230 SE 421, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

SITE	TICKET	GRID
09	065402	

WEIGHMASTER
Denise Smethers

DATE IN	TIME IN
05/22/98	12:37
DATE OUT	TIME OUT
BOGLER-45	

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF			REFERENCE	ORIGIN
	Manual Gross Weight	82360	LB	Inbound -	Charge ticket
	Stored Tare Weight	27540	LB		
	Net Weight	54820	LB		

27.41 TN CONTAMINATED SOIL

QTY	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

Show-Me Landfill will be CLOSED on Mon, May 25, 1998 to observe the Memorial Day Holiday.

SIGNATURE X _____

SHOW ME LANDFILL

230 SE 421, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

SITE	TICKET
09	065397

WEIGHMASTER: Denise Smethers

DATE IN	TIME IN
05/22/98	12:21

DATE OUT: BOGLER-47

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF		REFERENCE	ORIGIN
Manual Gross Weight	84820	LB	Inbound -	Charge ticket
Stored Tare Weight	30480	LB		
Net Weight	54340	LB		

27.17 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

PAID AMOUNT

RECEIVED

CHANGE

Show-Me Landfill will be CLOSED on Mon, May 25, 1998 to observe the Memorial Day Holiday.

SIGNATURE X Jerry #47

SHOW ME LANDFILL

230 SE 421, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

SITE	TICKET
09	065406

WEIGHMASTER
Denise Smethers

DATE IN	TIME IN
05/22/98	12:53

DATE OUT	TIME OUT

BOGLER-57

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF		
Manual Gross Weight	82440	LB	
Stored Tare Weight	32980	LB	
Net Weight	49460	LB	

REFERENCE	ORIGIN
Inbound -	Charge ticket

24.73 TN CONTAMINATED SOIL

QTY	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

Show-Me Landfill will be CLOSED on Mon, May 25, 1998 to observe the Memorial Day Holiday.

SIGNATURE X

SHOW ME LANDFILL

230 SR 421, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

SITE	TICKET
09	065411

WEIGHMASTER: Denise Smethers

DATE IN	TIME IN
05/22/98	13:26

DATE OUT	TIME OUT

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

BOGLER-63

VEHICLE	ROLL OFF

REFERENCE	ORIGIN
Inbound -	Charge ticket

Manual Gross Weight	83860	LB
Stored Tare Weight	30760	LB
Net Weight	53100	LB

26.55 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

Show-Me Landfill will be CLOSED on Mon, May 25, 1998 to observe the Memorial Day Holiday.

SIGNATURE X Bue 63 #

SHOW ME LANDFILL

230 SE 421, Warrensburg, MO 64093
(816) 747-2697
A Division of Allied Waste Industries, Inc.

SITE	TICKET	ORIGIN
09	065408	

WEIGHMASTER
Denise Smethers

DATE IN	TIME IN
05/22/98	13:09

DATE OUT	TIME OUT
05/22/98	

BOGLER-46

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE ID	ROLL OFF

REFERENCE	ORIGIN
Inbound -	Charge ticket

Manual Gross Weight	86520	LB
Stored Tare Weight	27460	LB
Net Weight	59060	LB

29.53 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

Show-Me Landfill will be CLOSED on Mon, May 25, 1998 to observe the Memorial Day Holiday.

SIGNATURE X Kondy # 46

SHOW ME LANDFILL

230 SE 421, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

TICKET
09 065416

Denise Smethers

DRIVER	TRUCK

DATE IN	TIME IN
05/22/98	13:55

DATE OUT	TIME OUT
BOGLER-61	

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF		REFERENCE	ORIGIN
Manual Gross Weight	86900	LB	Inbound -	Charge ticket
Stored Tare Weight	32020	LB		
Net Weight	54880	LB		

27.44 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

Show-Me Landfill will be CLOSED on Mon, May 25, 1998 to observe the Memorial Day Holiday.

SIGNATURE X

SHOW ME LANDFILL

230 SE 421, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

SITE	TICKET
09	065347

WEIGHMASTER
Denise Smethers

DATE IN	TIME IN
05/21/98	14:52

DATE OUT	TIME OUT
05/21/98	

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

BOGLER-47

VEHICLE	ROLL OFF

REFERENCE	ORIGIN
Inbound -	Charge ticket

Manual Gross Weight	84460	LB
Stored Tare Weight	30480	LB
Net Weight	53980	LB

26.99 TN CONTAMINATED SOIL

QTY	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

Show-Me Landfill will be CLOSED on Mon, May 25, 1998 to observe the Memorial Day Holiday.

SIGNATURE X Jerry Bradley

LBS 980,200

SHOW ME LANDFILL

230 SR 421, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

SITE	TICKET	CHID
09	065348	

WEIGHMASTER
Denise Smethers

DATE	TIME
05/21/98	15:09

DATE OUT
BOGLER-63

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE #	ROLL OFF		
	Manual Gross Weight	82240	LB
	Stored Tare Weight	30760	LB
	Net Weight	51480	LB

REFERENCE	ORIGIN
Inbound -	Charge ticket

25.74 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

Show-Me Landfill will be CLOSED on Mon, May 25, 1998 to observe the Memorial Day Holiday.

SIGNATURE X Bud 63 #

SHOW ME LANDFILL

230 SE 421, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

DATE	TICKET
09	065295

WEIGHMASTER: Denise Smethers

DATE IN	TIME IN
05/21/98	08:02
DATE OUT	TIME OUT

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEH #	ROLL OFF		REFERENCE	ORIGIN
	Manual Gross Weight	73660 LB	Inbound -	Charge ticket
	Manual Tare Weight	27460 LB		
	Net Weight	46200 LB		

23.10 TN CONTAMINATED SOIL

QTY	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

Show-Me Landfill will be CLOSED on Mon, May 25, 1998 to observe the Memorial Day Holiday.

SIGNATURE X Randy #46

SHOW ME LANDFILL

230 SR 421, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

SITE	TICKET	GRID
09	065298	

WEIGHMASTER: Denise Smethers

DATE IN	TIME IN
05/21/98	08:25

DATE OUT	TIME OUT

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE #	ROLL OFF

REFERENCE	ORIGIN
Inbound -	Charge ticket

Manual Gross Weight	77260	LB
Manual Tare Weight	32980	LB
Net Weight	44280	LB

22.14 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

Show-Me Landfill will be CLOSED on Mon, May 25, 1998 to observe the Memorial Day Holiday.

SIGNATURE X

SHOW ME LANDFILL

RR 5 SE 121, Warrensburg, MO 64093
(816) 747-3697
A Division of Allied Waste Industries, Inc.

SITE	TICKET	GRID
09	065299	

WEIGHMASTER: Denise Smethers

DATE IN	TIME IN
05/21/98	08:28
DATE OUT	TIME OUT

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF			REFERENCE	ORIGIN
Manual Gross Weight	80680	LB		Inbound -	Charge ticket
Manual Tare Weight	27540	LB			
Net Weight	53140	LB			

26.57 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

Show-Me Landfill will be CLOSED on Mon, May 25, 1998 to observe the Memorial Day Holiday.

SIGNATURE X Gordon

SHOW ME LANDFILL

230 SE 421, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

TICKET
09 066300
DRIVER
Denise Smethers
DELIVERY TIME
05/21/98 08:49
DATE OUT

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF

REFERENCE	ORIGIN
Inbound -	Charge ticket

Manual Gross Weight	84140	LB
Manual Tare Weight	32020	LB
Net Weight	52120	LB

26.06 TN CONTAMINATED SOIL

QTY	DESCRIPTION	AMOUNT

NET AMOUNT
TENDERED
CHANGE

Show-Me Landfill will be CLOSED on Mon, May 25, 1998 to observe the Memorial Day Holiday.

SIGNATURE X

SHOW ME LANDFILL

230 SE 421, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

SITE	TICKET
09	065310

WEIGHMASTER: Denise Smethers

DATE IN	TIME IN
05/21/98	10:09

DATE OUT	TIME OUT

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF

REFERENCE	ORIGIN
Inbound -	Charge ticket

Manual Gross Weight	79160	LB
Manual Tare Weight	30480	LB
Net Weight	48680	LB

24.34 TN CONTAMINATED SOIL

QTY	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

Show-Me Landfill will be CLOSED on Mon, May 25, 1998 to observe the Memorial Day Holiday.

SIGNATURE X Jerry #47

SHOW ME LANDFILL

[illegible] Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc

SITE	TICKET	GRID
09	065311	

WEIGHTMASTER	
Denise Smethers	
DATE IN	TIME IN
05/21/98	10:22
DATE OUT	TIME OUT

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF			REFERENCE	ORIGIN
	Manual Gross Weight	78440	LB	Inbound -	Charge ticket
	Manual Tare Weight	30760	LB		
	Net Weight	47680	LB		

23.84 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT
TENDERED
CHANGE

Show-Me Landfill will be CLOSED on Mon, May 25, 1998 to observe the Memorial Day Holiday.

SIGNATURE X Bud 6.3th

SHOW ME LANDFILL

230 SE 421, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

SITE	TICKET	CUSTOMER ID
09	065315	

WEIGHMASTER
Denise Smethers

DATE IN	TIME IN
05/21/98	10:42

DATE OUT	TIME OUT
05/21/98	

BOGLER-46

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF		
Manual Gross Weight	72180	LB	
~~Stored Tare Weight~~	~~27460~~	~~LB~~	
Net Weight	44720	LB	

REFERENCE	ORIGIN
Inbound -	Charge ticket

22.36 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

Show-Me Landfill will be CLOSED on Mon, May 25, 1998 to observe the Memorial Day Holiday.

SIGNATURE X Randy #46

SHOW ME LANDFILL

240 SR 421, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

SITE	TICKET	BIN
09	065317	

WEIGHMASTER
Denise Smethers

DATE IN	TIME IN
05/21/98	10:55

DATE OUT
BOGLER-45

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF		REFERENCE	ORIGIN
Manual Gross Weight	76900	LB	Inbound -	Charge ticket
Stored Tare Weight	27540	LB		
Net Weight	49360	LB		

24.68 TN CONTAMINATED SOIL

QTY	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

Show-Me Landfill will be CLOSED on Mon, May 25, 1998 to observe the Memorial Day Holiday.

SIGNATURE X _____

SHOW ME LANDFILL

210 SE 421, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

SITE	TICKET	TIME
09	065325	

WEIGHMASTER
Denise Smethers

DATE IN	TIME IN
05/21/98	11:32

DATE OUT	TIME OUT

BOGLER-61

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF			REFERENCE	ORIGIN
	Manual Gross Weight	69700	LB	Inbound -	Charge ticket
	Stored Tare Weight	32020	LB		
	Net Weight	37680	LB		

18.84 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

Show-Me Landfill will be CLOSED on Mon, May 25, 1998 to observe the Memorial Day Holiday.

SIGNATURE X

SHOW ME LANDFILL

230 SE 421, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

SITE	TICKET	DATE
09	065320	

WEIGHMASTER: Denise Smethers

DATE IN	TIME IN
05/21/98	11:17

DATE OUT	TIME OUT
05/21/98	

VEHICLE: BOGLER-57

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

ROLL OFF		
Manual Gross Weight	79040	LB
Stored Tare Weight	32980	LB
Net Weight	46060	LB

REFERENCE	ORIGIN
Inbound -	Charge ticket

23.03 TN CONTAMINATED SOIL

QTY	DESCRIPTION	AMOUNT

TENDERED AMOUNT

TENDERED

CHANGE

Show-Me Landfill will be CLOSED on Mon, May 25, 1998 to observe the Memorial Day Holiday.

SIGNATURE X

SHOW ME LANDFILL

230 SE 421, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

SITE	TICKET
09	065331

WEIGHMASTER
Denise Smethers

DATE IN	TIME IN
05/21/98	12:24

DATE OUT	TIME OUT
05/21/98	12:24

BOGLER-47

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF		REFERENCE	ORIGIN
Manual Gross Weight	72720	LB	Inbound -	Charge ticket
Stored Tare Weight	30480	LB		
Net Weight	42240	LB		

21.12 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

Show-Me Landfill will be CLOSED on Mon, May 25, 1998 to observe the Memorial Day Holiday.

SIGNATURE X Jerry L Bradley

SHOW ME LANDFILL

230 SE 421, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

TICKET	
09	065335

CASHIER
Denise Smethers

DATE	TIME
05/21/98	12:37

DRIVER	TRUCK
BOGLER-63	

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF		REFERENCE	ORIGIN
			Inbound -	Charge ticket

Manual Gross Weight	70000	LB
Stored Tare Weight	30760	LB
Net Weight	39240	LB

19.62 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

Show-Me Landfill will be CLOSED on Mon, May 25, 1998 to observe the Memorial Day Holiday.

SIGNATURE X Bud63

SHOW ME LANDFILL

230 SE 421, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

TICKET
09 065337
OPERATOR
Denise Smethers

DATE IN	TIME IN
05/21/98	12:53
DATE OUT	TIME OUT
BOGLER-46	

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF		REFERENCE	ORIGIN
Manual Gross Weight	77740	LB	Inbound -	Charge ticket
Stored Tare Weight	27460	LB		
Net Weight	50280	LB		

25.14 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

SUBTOTAL
TAX
TOTAL

Show-Me Landfill will be CLOSED on Mon, May 25, 1998 to observe the Memorial Day Holiday.

SIGNATURE X Randy #46

SHOW ME LANDFILL

230 SE 421, Warrensburg, MO 64093
(816) 747-7697
A Divison of Allied Waste Industries, Inc.

SITE	TICKET
09	065340

WEIGHMASTER
Denise Smethers

DATE IN	TIME IN
05/21/98	13:16

DATE OUT	TIME OUT
05/21/98	

BOGLER-45

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF

REFERENCE	ORIGIN
Inbound -	Charge ticket

Manual Gross Weight	81020	LB
Stored Tare Weight	27540	LB
Net Weight	53480	LB

26.74 TN CONTAMINATED SOIL

QTY	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

Show-Me Landfill will be CLOSED on Mon, May 25, 1998 to observe the Memorial Day Holiday.

SIGNATURE X

SHOW ME LANDFILL

230 SE 421, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

SITE	
09 065345	
Denise Smethers	
DATE IN 05/21/98	TIME IN
05/21/98	14:35
DATE OUT	TIME OUT
BOGLER-61	

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF			REFERENCE	ORIGIN
	Manual Gross Weight	82480	LB	Inbound -	Charge ticket
	Stored Tare Weight	32020	LB		
	Net Weight	50460	LB		

25.23 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

US CURRENCY
TENDERED
CHANGE

Show-Me Landfill will be CLOSED on Mon, May 25, 1998 to observe the Memorial Day Holiday.

SIGNATURE X _____

SHOW ME LANDFILL

230 SE 421, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc

SITE	TICKET
09	065350

CUSTOMER
Denise Smethers

DATE IN	TIME IN
05/21/98	15:21

DATE OUT	TIME OUT

BOGLER-46

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF		REFERENCE	ORIGIN
			Inbound -	Charge ticket

Manual Gross Weight	89920	LB
Stored Tare Weight	27460	LB
Net Weight	62460	LB

31.23 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

Show-Me Landfill will be CLOSED on Mon, May 25, 1998 to observe the Memorial Day Holiday.

SIGNATURE X Randy #46

SHOW ME LANDFILL

[illegible] Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc

SITE	TICKET	GRID
09	065353	

WEIGHTMASTER
Denise Smethers

DATE IN	TIME IN
05/21/98	15:45
DATE OUT	TIME OUT
05/21/98	15:45

BOGLER-45

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE	ROLL OFF		
Manual Gross Weight	84680	LB	
Stored Tare Weight	27540	LB	
Net Weight	57140	LB	

REFERENCE	ORIGIN
Inbound -	Charge ticket

28.57 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

Show-Me Landfill will be CLOSED on Mon, May 25, 1998 to observe the Memorial Day Holiday.

SIGNATURE X _____

SHOW ME LANDFILL

230 SR 421, Warrensburg, MO 64093
(816) 747-7697
A Division of Allied Waste Industries, Inc.

SITE	TICKET	LANE
09	065344	

WEIGHMASTER
Denise Smethers

05/21/98	
05/21/98	14:17
DATE OUT	TIME OUT
BOGLER-57	

005040
Laidlaw Environmental
Services, Inc.
5665 Flatiron Parkway
Boulder CO 80301

VEHICLE #	ROLL OFF		REFERENCE	ORIGIN
Manual Gross Weight	82500	LB	Inbound -	Charge ticket
Stored Tare Weight	32980	LB		
Net Weight	49520	LB		

24.76 TN CONTAMINATED SOIL

QTY.	DESCRIPTION	AMOUNT

NET AMOUNT

TENDERED

CHANGE

Show-Me Landfill will be CLOSED on Mon, May 25, 1998 to observe the Memorial Day Holiday.

SIGNATURE X

APPENDIX D

Soil Disposal Documentation
Generator Special Waste Profile Sheets

Allied Waste Industries, Inc.
3837 West 127th Street • Alsip, Illinois 60803

SHOW ME REGIONAL LANDFILL
230 S.E. 421
WARRENSBURG, MO 64093
Operating Permit Number 110105
TELEPHONE #816-747-7697
Fax #816-747-8461

SPECIAL WASTE STREAM - AWI ACCEPTANCE APPROVAL

DATE: May 20, 1998

GENERATOR COMPANY NAME: Union Pacific Railroad

GENERATOR SITE ADDRESS:
651 East Broadway
Sedalia, MO 65301

GENERATOR MAILING ADDRESS:
1416 Dodge Street, Rm 930
Omaha, NE 68179

GENERATOR CONTACT/TELEPHONE #: Craig Denny (402) 271-3248

TECHNICAL CONTACT/TELEPHONE #: SAME

WASTE STREAM NAME: Virgin Unleaded Gasoline Contaminated Soil / UST

WASTE CLASSIFICATION: Non-Hazardous Special Waste.

DISPOSAL SITE AUTHORIZATION APPROVAL # SM982499.

DISPOSAL AUTHORIZATION EXPIRATION DATE: May 19, 1999

SPECIAL CONDITIONS: This approval is granted subject to the enforcement of the conditions listed below.

1) Loads of this waste stream may be randomly inspected upon receipt at the landfill to conform with the Waste Profile Sheet.
2) Any load determined to contain free liquids cannot be accepted for landfill disposal (40 CFR 258..28).
3) Special Waste Disposal Request Form completed and mailed to MO DNR.
4) A Manifest must accompany each load to the landfill.
5) Contact Show-Me Regional Landfill to schedule this waste stream for disposal.

Allied Waste Industries' Landfill Compliance Department has reviewed the documentation submitted for approval. This waste Stream has been found to be acceptable for disposal as determined by US EPA Regulations 40 CFR 261.

Shirley Koegel (SK)
Shirley Koegel, Special Waste Coordinator

Victoria Warren, Director of Hydrogeology

Original to: Gerald Ray, Show-Me Regional Landfill
pc: Alsip Office File
Debbie Barnhart, Special Waste Liaison
Craig Denny, Union Pacific Railroad

Printed on recycled paper

GENERATOR SPECIAL WASTE PROFILE SHEET

Requested Disposal Facility: ~~SEMO~~ NE REGIONAL LANDFILL
an Allied Waste Company

Waste Profile #: SM98 2499

I. GENERATOR INFORMATION

Date: 5-14-98

Generator Name: Union Pacific Railroad
Generator Site Address: 651 EAST BROADWAY
City: SEDALIA | County: PETTIS | State: MO | Zip: 65301
Generator State ID No: | SIC Code No:
Generator Billing Address (if different): 1416 Dodge St. Rm 930
City: Omaha | County: Douglas | State: NE | Zip: 68179
Generator Contact Name: Craig Denny
Phone Number: 402 271-3248 | Fax Number: 271-4461

II. TRANSPORTER INFORMATION

Transporter Name: WOODY BOGLER TRUCKING CO
Transporter Address: PO BOX 274
City: ROSEHOD | County: GASCONADE | State: MO | Zip: 63091
Transporter Contact Name: WOODY BOGLER
Phone Number: 800-899-4120 | Fax Number: 573-636-5196 | State Transporter #:

III. WASTE STREAM INFORMATION

Name of Waste: GASOLINE CONTAMINATED SOIL (VIRGIN) / Unleaded Gasoline)*
Process Generating Waste: SOIL REMEDIATION ..:PREVIOUS UST REMOVAL *
Type of Waste: INDUSTRIAL PROCESS WASTE or (POLLUTION CONTROL WASTE)
Physical State: (SOLID) SEMI-SOLID POWDER LIQUID OTHER:
Method of Shipment: (BULK) DRUM BAGGED OTHER/EXPLAIN: END DUMP
Estimated Annual Volume: CUBIC YARDS:_____ TONS: EST 1500 T OTHER:
Frequency: (ONE TIME ONLY) DAILY WEEKLY MONTHLY OTHER/EXPLAIN:
SPECIAL HANDLING INSTRUCTIONS: WASH SKIN W/SOAP IF IN CONTACT AVOID BREATING FUMES

IV. REPRESENTATIVE SAMPLE CERTIFICATION

Is the representative sample collected to prepare this profile and laboratory analysis collected in accordance with U.S. EPA § 40 CFR 261.20(c) guidelines or equivalent rules? (YES) NO

Sample Date: 5/12/98 | Check one: COMPOSITE SAMPLE GRAB SAMPLE
Sampler's Employer:
Sampler's Name (printed): MARK WATTERSON | Signature: See attached Chain of Custody

* unleaded per Mark Watterson.
* from a previous UST removal - added additional soil removal for closure with the State.

V. PHYSICAL CHARACTERISTICS OF WASTE

Waste Profile # SM982499

	CHARACTERISTIC COMPONENTS	% BY WEIGHT (range)
1.	Soil	95 %
2.	Gravel	4 %
3.	Unleaded Gasoline	1 %

Color:	Odor (describe):	Free Liquids: YES or NO	% Solids:	pH:	Flash Point:	Phenol
BROWN	PETROLEUM	NO Content ____ %	100%	8	>140 °F	____ ppm

Attach Laboratory Analytical Report (and/or Material Safety Data Sheet) Including Required Parameters Provided for this Profile.

Does this waste or generating process contain regulated concentrations of the following Pesticides and/or Herbicides: Chlordane, Endrin, Heptachlor (and its epoxides), Lindane, Methoxychlor, Toxaphene, 2, 4-D, 2, 4, 5-TP Silvex as defined in § 40 CFR 261.33?	YES or (NO)
Does this waste or the generating process exceed OSHA exposure limits from high levels of Hydrogen Sulfide or Hydrogen Cyanide as defined in § 40 CFR 261.23? (If > 10ppm reactive Sulfide or Cyanide, generator must complete additional certification form.)	YES or (NO)
Does this waste contain regulated concentrations of Polychlorinated Biphenyls (PCBs) as defined in § 40 CFR Part 761?	YES or (NO)
Does this waste contain regulated concentrations of listed hazardous wastes defined by § 40 CFR 261.31, 261.32, 261.33, including RCRA F-Listed Solvents?	YES or (NO)
Does this waste contain regulated concentrations of 2, 3, 7, 8-Tetrachlorodibenzofurans (2, 3, 7, 8-TCDF), 2, 3, 7, 8-TCDD), or any other dioxin as defined in § 40 CFR 261.31?	YES or (NO)
Is this a regulated Toxic Material as defined by § 40 CFR 261.24 and/or State regulations?	YES or (NO)
Is this a regulated Radioactive Waste as defined by Federal and/or State regulations?	YES or (NO)
Is this a regulated Medical or Infectious Waste as defined by Federal and/or State regulations?	YES or (NO)
Is this waste generated as a Federal Superfund Clean Up Site?	YES or (NO)

VI. GENERATOR CERTIFICATION

I hereby certify that to the best of my knowledge and belief, the information contained herein is a true and accurate description of the waste material being offered for disposal. I further certify that by signing this profile, for neither myself nor any other employee or agent of the company with whom I am employed, am I offering for disposal any waste which is classified as toxic waste, hazardous waste, medical or infectious waste, or any other waste material that is prohibited from acceptance by law. Our company hereby agrees to fully indemnify the disposal facility against any claims, losses, liabilities or expenses.

Craig Denny / Mgr. Env. Site Remediation
AUTHORIZED REPRESENTATIVE NAME AND TITLE (Printed)

Union Pacific Railroad
COMPANY NAME

AUTHORIZED REPRESENTATIVE SIGNATURE

5/13/98
DATE

Pace Analytical

Pace Analytical Services, Inc.
9608 Loiret Blvd
Lenexa, KS 66219
Tel: 913-599-5665
Fax: 913-599-1759

May 19, 1998

Mr. BRUCE ZUCCARO
LaidLaw Environmental Services
5665 FLATIRON PKWY
BOULDER, CO 80301-2800

RE: Pace Project Number: 6021736
Client Project ID: 96120-605 OLD HUDSON STATION

Dear Mr. ZUCCARO:

Enclosed are the results of analyses for sample(s) received on May 18, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Rebecca Wenner
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced

Pace Analytical

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
Tel: 913-599-5665
Fax: 913-599-1759

DATE: 05/19/98
PAGE: 1

Laidlaw Environmental Services
5665 FLATIRON PKWY
BOULDER, CO 80301-2800

Pace Project Number: 6021736
Client Project ID: 96120-805 OLD HUDSON STATION

Attn: Mr. BRUCE ZUCCARO
Phone: (303)938-5500

Solid results are reported on a wet weight basis

Pace Sample No: 601881550
Client Sample ID: SP-001
Date Collected: 05/18/98
Date Received: 05/18/98
Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Wet Chemistry							
Total Petroleum Hydrocarbons		Method: EPA 418.1 MO Mod			Prep Method: EPA 418.1 MO Mod		
Total Petroleum Hydrocarbons	41.9	mg/kg	9.97	05/19/98	GMF		
Paint Filter Liquids Test		Method: EPA 9095			Prep Method: EPA 9095		
Free Liquids	ND	ml/5mins.	1	05/19/98	GMF		
Flash Point, Open Cup		Method: ASTM D-92			Prep Method: ASTM D-92		
Flash Point	> 94	deg C	0	05/19/98	GMF		

REPORT OF LABORATORY ANALYSIS

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Lenexa, KS 66219
Tel: 913-599-5665
Fax: 913-599-1759

DATE: 05/19/98
PAGE: 2

Pace Project Number: 6021736
Client Project ID: 96120-605 OLD HUDSON STATION

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit

REPORT OF LABORATORY ANALYSIS

This report shall not be

Pace Analytical

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
Tel: 913-599-5665
Fax: 913-599-1759

QUALITY CONTROL DATA

DATE: 05/19/98
PAGE: 3

LaidLaw Environmental Services
5665 FLATIRON PKWY
BOULDER, CO 80301-2800

Pace Project Number: 6021736
Client Project ID: 96120-605 OLD HUDSON STATION

Attn: Mr. BRUCE ZUCCARO
Phone: (303)938-5500

QC Batch ID: 44885
Analysis Method: EPA 418.1 MO Mod
Associated Pace Samples: 601881550

QC Batch Method: EPA 418.1 MO Mod
Analysis Description: Total Petroleum Hydrocarbons

METHOD BLANK: 601855067
Associated Pace Samples:
601881550

Parameter	Units	Method Blank Result	PRL	Footnotes
Total Petroleum Hydrocarbons	mg/kg	ND	10	

MATRIX SPIKE: 601845274

Parameter	Units	601844707	Spike Conc.	Matrix Spike Result	Spike % Rec	Footnotes
Total Petroleum Hydrocarbons	mg/kg	0	218.6	219.5	100	

LABORATORY CONTROL SAMPLE: 601845290

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Total Petroleum Hydrocarbons	mg/kg	166.7	197.3	118	

LABORATORY CONTROL SAMPLE: 601847007

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Total Petroleum Hydrocarbons	mg/kg	168.7	175.3	105	

REPORT OF LABORATORY ANALYSIS

Pace Analytical

Pace Analytical Services, Inc.
9608 Loiret Blvd
Lenexa, KS 66219
Tel: 913-599-5665
Fax: 913-599-1759

QUALITY CONTROL DATA

DATE: 05/19/98
PAGE: 4

Pace Project Number: 6021736
Client Project ID: 96120-605 OLD HUDSON STATION

ABORATORY CONTROL SAMPLE: 601855075

arameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
otal Petroleum Hydrocarbons	mg/kg	166.7	172.4	103	

ABORATORY CONTROL SAMPLE: 601882517

arameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
otal Petroleum Hydrocarbons	mg/kg	166.7	145.1	87.1	

MPLE DUPLICATE: 601845282

rameter	Units	601844707	Dup. Result	RPD	Footnotes
tal Petroleum Hydrocarbons	mg/kg	ND	ND	NC	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
Tel: 913-599-5665
Fax: 913-599-1759

QUALITY CONTROL DATA

DATE: 05/19/98
PAGE: 5

Laidlaw Environmental Services
5665 FLATIRON PKWY
BOULDER, CO 80301-2800

Pace Project Number: 6021736
Client Project ID: 96120-605 OLD HUDSON STATION

Attn: Mr. BRUCE ZUCCARO
Phone: (303)938-5500

QC Batch ID: 45787
Analysis Method: EPA 9095
Associated Pace Samples: 601881550

QC Batch Method: EPA 9095
Analysis Description: Paint Filter Liquids Test

SAMPLE DUPLICATE: 601882574

Parameter	Units	601881550	Dup. Result	RPD	Footnotes
Free Liquids	ml/5mins.	ND	ND	NC	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
Tel: 913-599-5665
Fax: 913-599-1759

QUALITY CONTROL DATA

DATE: 05/19/98
PAGE: 6

Laidlaw Environmental Services
5665 FLATIRON PKWY
BOULDER, CO 80301-2800

Pace Project Number: 6021736
Client Project ID: 96120-605 OLD HUDSON STATION

Attn: Mr. BRUCE ZUCCARO
Phone: (303)938-5500

QC Batch ID: 45768
Analysis Method: ASTM D-92
Associated Pace Samples: 6018816S0

QC Batch Method: ASTM D-92
Analysis Description: Flash Point, Open Cup

REPORT OF LABORATORY ANALYSIS

Pace Analytical

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
Tel: 913-599-5665
Fax: 913-599-1759

DATE: 05/19/98
PAGE: 7

Pace Project Number: 6021736
Client Project ID: 96120-605 OLD HUDSON STATION

QUALITY CONTROL DATA PARAMETER FOOTNOTES

Consistent with EPA guidelines unrounded concentrations are displayed and have been used to calculate % Rec and RPD values.

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
RPD	Relative Percent Difference

REPORT OF LABORATORY ANALYSIS

Pace Analytical

419223

CHAIN-OF-CUSTODY RECORD
Analytical Request

Pace Client No.

Pace Project Manager

Pace Project No.

Requested Due Date:

Turn around Time
- 24 Hours
- 48 Hours
- 5 Days
- 10 Days
- 2 Weeks
- Normal 14 Days

Report To:

Bill To:

P.O. # / Billing Reference

Project Name / No.

Sampled By (PRINT):

Sampler Signature

Date Sampled

SAMPLE DESCRIPTION	TIME SAMPLED	SAMPLE ID	NUMBER OF COOLERS	AIR BILL NO.	SHIPPING DATE	SHIPPING METHOD
SP-001	2:30 PM	1951885550	1			

ANALYSES REQUEST

NO. OF CONTAINERS	PRESERVATIVES	
	UNPRESERVED	
	H_2SO_4	
	HNO_3	
	VOA (HCL)	
	NaOH	
1	ICE	X

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME

SAMPLE CONDITION

Temp: ____ °C | Received on Ice: Y/N | Sealed Cooler: Y/N | Samples Intact: Y/N

REMARKS

Additional Comments

MISSOURI DEPARTMENT OF NATURAL RESOURCES
WASTE MANAGEMENT PROGRAM

SPECIAL WASTE DISPOSAL REQUEST

SECTION I GENERAL INFORMATION (TO BE COMPLETED BY THE GENERATOR AND LANDFILL OPERATOR)

DISPOSAL FACILITY	WASTE GENERATION
NAME: Allied Waste Industries, Inc. Show Me Regional Landfill	Union Pacific Railroad
ADDRESS: Route #3, P.O. Box 806 330 SE 451	1416 Dodge St Rm 930
CITY, STATE, ZIP CODE: Warrensburg, Missouri 64093	Omaha, NE 68179
TELEPHONE NUMBER: (816) 747-7697 - Landfill office	(402) 271-3248
PERMIT NO.: 110105	N/A
CONTACT PERSON: Denise Seethers - Special Waste Rep:	

SECTION II WASTE CHARACTERIZATION (TO BE COMPLETED BY THE GENERATOR)

SOURCE OF WASTE: Petroleum contaminated Soil / Unleaded Gasoline
Underground storage tank

(ENTER ONE)
(1) [X] SOLID (2) [ ] SLUDGE (50% OR GREATER SOLIDS) (3) [ ] SLURRY (50% OR LESS SOLIDS)
(4) [ ] LIQUID (5% OR LESS SOLIDS) (5) [ ] OTHER - SPECIFY

INDICATE % SOLIDS BY WEIGHT: 100%
SPECIFIC GRAVITY: 8 FLAMMABLE: [ ] YES [X] NO FLASHPOINT: >140 F ODOR: [X] YES [ ] NO FREE FLUIDS: [ ] YES [X] NO

WAS THE WASTE EVER CLASSIFIED AS LISTED HAZARDOUS? [ ] YES [X] NO IF YES, SPECIFY 112 EPA WASTE NUMBER

LIST BELOW THE CHEMICAL COMPOSITION (ATTACH ANY ADDITIONAL ANALYSIS)

MAJOR COMPONENTS	% BY WEIGHT
SOIL	95
GRAVEL	04
Unleaded Gasoline	01

SOURCE OF CHEMICAL DATA

SECTION III GENERATION RATE/DISPOSAL FREQUENCY (TO BE COMPLETED BY GENERATOR)

AVERAGE GENERATION RATE (CUBIC YARDS PER WEEK, POUNDS PER MONTH, ETC.)

DISPOSAL REQUEST (COMPLETE (1) OR (2)):

(1) [ ] Continuous (or Intermittent)
If disposal is to be made on a continuous or intermittent basis, indicate the quantity and frequency of disposal (cubic yards per week, pounds per month, etc.)
Indicate the quantity available for immediate shipment, if applicable

(2) [X] One - time only
If one - time only, indicate the total amount to be disposed of: 1500 TON

NOTE ▶ INDICATE APPROPRIATE UNITS (TONS, GALLONS, POUNDS, CUBIC YARDS, ETC.)

SECTION IV TRANSPORTATION (TO BE COMPLETED BY GENERATOR OR LANDFILL OPERATOR)

CONTAINERS USED FOR TRANSPORTATION (CHECK ONE)
(1) [ ] BULK (CU. YD.): (2) [ ] METAL DRUMS (GAL.) (3) [ ] CASES, CARTONS (SIZE)
(4) [ ] PLASTIC DRUMS (GAL.): (5) [ ] OTHER - SPECIFY END DUMP

TYPE OF VEHICLE
(1) [X] TRACTOR-TRAILER: (2) [ ] ROLL-OFF/LUGGER: (3) [ ] DUMP TRUCK: (4) [ ] (OTHER)

PAGE 1 OF

SECTION V DISPOSAL TECHNIQUES (TO BE COMPLETED BY THE LANDFILL OPERATOR)

A. ☐ SEPARATE TRENCH BURIAL
(1) LOCATION ON LANDFILL SITE
(2) TRENCH DESIGN PREVIOUSLY APPROVED BY DNR? ☐ YES ☐ NO IF NOT, ATTACH REQUEST FOR APPROVAL

B. ☐ CO-DISPOSAL WITH MUNICIPAL WASTE ON ACTIVE FILL FACE
1. AVERAGE DAILY QUANTITY OF MUNICIPAL SOLID WASTE
2. SPECIAL WASTE TO BE UNLOADED AT: ____ TOE OF WORKING FACE ____ (SPECIFY TONS OR CUBIC YARDS)
____ TOP OF WORKING FACE

C. ☐ OTHER DISPOSAL PROCEDURES - SPECIFY

SECTION VI HANDLING PROCEDURES (TO BE COMPLETED BY GENERATOR)

Safety precautions during handling: Provide handling information supplied by product manufacturer, waste generator, or from other sources, describing the necessary measures that should be taken to protect personal safety, to control dusting, or to ensure fixed placement of waste. This should include a description of materials not compatible with this waste.

WASH SKIN WITH SOAP IF IN CONTACT WITH. AVOID BREATHING FUMES.

SECTION VII CERTIFICATION (TO BE COMPLETED BY GENERATOR AND LANDFILL OPERATOR)

The undersigned, submit this request to dispose of the named waste and certify that the information supplied by me herein is correct. I understand approval to dispose of the waste may be suspended if false information has been submitted or if the disposal operation is not performed in a proper and legal manner.

SIGNATURE OF LANDFILL OPERATOR OR AUTHORIZED REPRESENTATIVE

Deborah Barnhart

NAME/TITLE
Deborah Barnhart - Special Waste Representative

DATE 5/14/98

The undersigned, submit this request to dispose of the named waste and certify that the waste named herein, to the best of my knowledge, is not a hazardous waste as defined by the Missouri Waste Management Law and Rules, and that the information supplied by me is correct.

SIGNATURE OF WASTE GENERATOR OR AUTHORIZED REPRESENTATIVE

NAME/TITLE
Craig Dennis / Mgr. Env. Site Remediation

DATE 5/13/98

ADDITIONAL COMMENTS

WASTE WILL BE DELIVERED THROUGHOUT A TWO WEEK PERIOD, ON A ONE TIME BASES.

SEND COMPLETED FORM TO:

MISSOURI DEPARTMENT OF NATURAL RESOURCES
WASTE MANAGEMENT PROGRAM
P.O. BOX 176
JEFFERSON CITY, MISSOURI 65102

SHOW-ME LANDFILL

230 SE 421, Warrensburg, Missouri 64093 • Phone: (660) 747-7697 • Fax: (660) 747-8461

May 20, 1998

Mr. James Armes
Missouri Department of Natural Resources
Kansas City Regional Office
500 NE Colbern Road
Lee's Summit, Missouri 64086-4710

Dear Mr. Armes,

Attached is a Special Waste Disposal Request from Union Pacific Railroad of Sedalia, Missouri.

The waste stream is Virgin Unleaded Gasoline Contaminated Soil, generated from an underground storage tank removal. With this request, I have attached Allied's application and the laboratory analysis.

If you have any questions, please contact me at (660) 747-7697.

Sincerely,

Denise Smethers

Denise Smethers
Special Waste Representative
Show-Me Regional Landfill

APPENDIX E

Groundwater Laboratory Data Sheets and Chain of Custody Records

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 West Bartlett Rd.
Bartlett, IL 60103
Tel: (630) 289-3100
Fax: (630) 289-5445

Rockford Division
3548 35th Street
Rockford, IL 61109
Tel: (815) 874-2171
Fax: (815) 874-5622
(800) 807-2877

Mr. Ken Rose
USPCI (Laidlaw)
5665 Flatiron Pkwy
Boulder, CO 80301

11/11/1998

NET Job Number: 98.14008

IEPA Cert. No.: 100221
WDNR Cert. No.: 999447130
A2LA Cert. No.: 0453-01

Enclosed is the Analytical and Quality Control reports for the following samples submitted to Bartlett Division of NET, Inc. for analysis.

Project Description: 96120-05; Hudson

Sample Number	Sample Description	Date Taken	Date Received
500438	MW-6	10/28/1998	10/29/1998
500439	MW-5	10/28/1998	10/29/1998
500440	MW-8	10/28/1998	10/29/1998
500441	MW-7	10/28/1998	10/29/1998
500442	MW-500	10/28/1998	10/29/1998

Contract Audit #710171

Samples Collected by: Mr. Joe Franzen

Sample analysis in support of the project referenced above has been completed and results are presented on the following pages. These results apply only to the samples analyzed. Reproduction of this report only in whole is permitted. Please refer to the enclosed "Key to Abbreviations" for definition of terms. Procedures used follow NET Standard Operating Procedures which reference the methods listed on your report. Should you have questions regarding procedures or results, please do not hesitate to call. NET has been pleased to provide these analytical services for you.

This Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

Approved by:

Mary Pearson

Mary Pearson
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 West Bartlett Rd.
Bartlett, IL 60103
Tel: (630) 289-3100
Fax: (630) 289-5445

Rockford Division
3548 35th Street
Rockford, IL 61109
Tel: (815) 874-2171
Fax: (815) 874-5622
(800) 807-2877

ANALYTICAL REPORT

Mr. Ken Rose
USPCI (Laidlaw)
5665 Flatiron Pkwy
Boulder, CO 80301

11/11/1998

Sample No. : 500439

NET Job No.: 98.14008

Sample Description: MW-5
96120-05; Hudson

Date Taken: 10/28/1998
Time Taken: 10:50

Date Received: 10/29/1998
Time Received: 10:30

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Prep, TPH 8015M - AQUEOUS	extracted				11/04/1998	mmv	SW 8015M
TPH MODIFIED 8015							
TPH as Gasoline	1.40	PT	mg/L	1.0	11/07/1998	btl	SW 8015M
TPH as Diesel Fuel	<1.0		mg/L	1.0	11/07/1998	btl	SW 8015M
TPH as Oil	<1.0		mg/L	1.0	11/07/1998	btl	SW 8015M
N-octacosane (TPH surr)	91.0		%		11/07/1998	btl	SW 8015M
UST VOLATILES 8260 - AQUEOUS							
Benzene	28		ug/L	1.0	11/08/1998	mjo	SW 8260A
Ethyl Benzene	<1.0		ug/L	1.0	11/08/1998	mjo	SW 8260A
Toluene	1.9		ug/L	1.0	11/08/1998	mjo	SW 8260A
Xylenes, Total	3.4		ug/L	1.0	11/08/1998	mjo	SW 8260A
Surr: Toluene-d8	109.4		%	85-117	11/08/1998	mjo	SW 8260A
Surr: Bromofluorobenzene	96.8		%	80-116	11/08/1998	mjo	SW 8260A
Surr: Dibromofluoromethane	100.6		%	75-130	11/08/1998	mjo	SW 8260A

PT : Pattern does not match the standard.

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 West Bartlett Rd.
Bartlett, IL 60103
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Fax: (630) 289-5445

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3548 35th Street
Rockford, IL 61109
Tel: (815) 874-2171
Fax: (815) 874-5622
(800) 807-2877

ANALYTICAL REPORT

Mr. Ken Rose
USPCI (Laidlaw)
5665 Flatiron Pkwy
Boulder, CO 80301

11/11/1998

Sample No. : 500442

NET Job No.: 98.14008

Sample Description: MW-500
96120-05; Hudson

Date Taken: 10/28/1998
Time Taken: 10:50

Date Received: 10/29/1998
Time Received: 10:30

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Prep, TPH 8015M - AQUEOUS	extracted				11/04/1998	mmv	SW 8015M
TPH MODIFIED 8015							
TPH as Gasoline	1.30	PT	mg/L	1.0	11/07/1998	btl	SW 8015M
TPH as Diesel Fuel	<1.0		mg/L	1.0	11/07/1998	btl	SW 8015M
TPH as Oil	<1.0		mg/L	1.0	11/07/1998	btl	SW 8015M
N-octacosane (TPH surr)	92.0		%		11/07/1998	btl	SW 8015M
UST VOLATILES 8260 - AQUEOUS							
Benzene	23		ug/L	1.0	11/09/1998	pll	SW 8260A
Ethyl Benzene	<1.0		ug/L	1.0	11/09/1998	pll	SW 8260A
Toluene	1.5		ug/L	1.0	11/09/1998	pll	SW 8260A
Xylenes, Total	2.6		ug/L	1.0	11/09/1998	pll	SW 8260A
Surr: Toluene-d8	94.0		%	85-117	11/09/1998	pll	SW 8260A
Surr: Bromofluorobenzene	88.0		%	80-116	11/09/1998	pll	SW 8260A
Surr: Dibromofluoromethane	94.0		%	75-130	11/09/1998	pll	SW 8260A

PT : Pattern does not match the standard.

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
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3548 35th Street
Rockford, IL 61109
Tel: (815) 874-2171
Fax: (815) 874-5622
(800) 807-2877

ANALYTICAL REPORT

Mr. Ken Rose
USPCI (Laidlaw)
5665 Flatiron Pkwy
Boulder, CO 80301

11/11/1998

Sample No. : 500438

NET Job No.: 98.14008

Sample Description: MW-6
96120-05; Hudson

Date Taken: 10/28/1998
Time Taken: 11:35

Date Received: 10/29/1998
Time Received: 10:30

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Prep, TPH 8015M - AQUEOUS	extracted				11/04/1998	mmv	SW 8015M
TPH MODIFIED 8015							
TPH as Gasoline	<1.0		mg/L	1.0	11/07/1998	btl	SW 8015M
TPH as Diesel Fuel	<1.0		mg/L	1.0	11/07/1998	btl	SW 8015M
TPH as Oil	<1.0		mg/L	1.0	11/07/1998	btl	SW 8015M
N-octacosane (TPH surr)	103.0		%		11/07/1998	btl	SW 8015M
UST VOLATILES 8260 - AQUEOUS							
Benzene	<1.0		ug/L	1.0	11/08/1998	mjo	SW 8260A
Ethyl Benzene	<1.0		ug/L	1.0	11/08/1998	mjo	SW 8260A
Toluene	<1.0		ug/L	1.0	11/08/1998	mjo	SW 8260A
Xylenes, Total	<1.0		ug/L	1.0	11/08/1998	mjo	SW 8260A
Surr: Toluene-d8	105.0		%	85-117	11/08/1998	mjo	SW 8260A
Surr: Bromofluorobenzene	101.8		%	80-116	11/08/1998	mjo	SW 8260A
Surr: Dibromofluoromethane	99.8		%	75-130	11/08/1998	mjo	SW 8260A

NATIONAL ENVIRONMENTAL TESTING, INC.

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Rockford, IL 61109
Tel: (815) 874-2171
Fax: (815) 874-5622
(800) 807-2677

ANALYTICAL REPORT

Mr. Ken Rose
USPCI (Laidlaw)
5665 Flatiron Pkwy
Boulder, CO 80301

11/11/1998

Sample No. : 500441

NET Job No.: 98.14008

Sample Description: MW-7
96120-05; Hudson

Date Taken: 10/28/1998
Time Taken: 09:40

Date Received: 10/29/1998
Time Received: 10:30

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Prep, TPH 8015M - AQUEOUS	extracted				11/04/1998	mmv	SW 8015M
TPH MODIFIED 8015							
TPH as Gasoline	<1.0		mg/L	1.0	11/07/1998	btl	SW 8015M
TPH as Diesel Fuel	<1.0		mg/L	1.0	11/07/1998	btl	SW 8015M
TPH as Oil	<1.0		mg/L	1.0	11/07/1998	btl	SW 8015M
N-octacosane (TPH surr)	101.0		%		11/07/1998	btl	SW 8015M
UST VOLATILES 8260 - AQUEOUS							
Benzene	<1.0		ug/L	1.0	11/08/1998	mjo	SW 8260A
Ethyl Benzene	<1.0		ug/L	1.0	11/08/1998	mjo	SW 8260A
Toluene	<1.0		ug/L	1.0	11/08/1998	mjo	SW 8260A
Xylenes, Total	<1.0		ug/L	1.0	11/08/1998	mjo	SW 8260A
Surr: Toluene-d8	110.8		%	85-117	11/08/1998	mjo	SW 8260A
Surr: Bromofluorobenzene	100.4		%	80-116	11/08/1998	mjo	SW 8260A
Surr: Dibromofluoromethane	100.4		%	75-130	11/08/1998	mjo	SW 8260A

NATIONAL ENVIRONMENTAL TESTING, INC.

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(800) 807-2877

ANALYTICAL REPORT

Mr. Ken Rose
USPCI (Laidlaw)
5665 Flatiron Pkwy
Boulder, CO 80301

11/11/1998

Sample No. : 500440

NET Job No.: 98.14008

Sample Description: MW-8
96120-05; Hudson

Date Taken: 10/28/1998
Time Taken: 10:20

Date Received: 10/29/1998
Time Received: 10:30

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Prep, TPH 8015M - AQUEOUS	extracted				11/04/1998	mmv	SW 8015M
TPH MODIFIED 8015							
TPH as Gasoline	<1.0		mg/L	1.0	11/07/1998	btl	SW 8015M
TPH as Diesel Fuel	<1.0		mg/L	1.0	11/07/1998	btl	SW 8015M
TPH as Oil	<1.0		mg/L	1.0	11/07/1998	btl	SW 8015M
N-octacosane (TPH surr)	91.0		%		11/07/1998	btl	SW 8015M
UST VOLATILES 8260 - AQUEOUS							
Benzene	<1.0		ug/L	1.0	11/08/1998	mjo	SW 8260A
Ethyl Benzene	<1.0		ug/L	1.0	11/08/1998	mjo	SW 8260A
Toluene	<1.0		ug/L	1.0	11/08/1998	mjo	SW 8260A
Xylenes, Total	<1.0		ug/L	1.0	11/08/1998	mjo	SW 8260A
Surr: Toluene-d8	104.2		%	85-117	11/08/1998	mjo	SW 8260A
Surr: Bromofluorobenzene	101.4		%	80-116	11/08/1998	mjo	SW 8260A
Surr: Dibromofluoromethane	99.8		%	75-130	11/08/1998	mjo	SW 8260A

NET NATIONAL ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

COMPANY: SAFETY-KLEEN
ADDRESS: 5665 FLATIRON PKWY. BOULDER, CO. 80301
PHONE: (303) 938-5500 FAX:
PROJECT NAME/LOCATION: HUDSON
PROJECT NUMBER: 96120-05
PROJECT MANAGER: KEN ROSE

REPORT TO: KEN ROSE
INVOICE TO:
P.O. NO.
NET QUOTE NO.

SAMPLED BY: JOE FRANZEN (PRINT NAME) — SIGNATURE: Joe Franzen
(PRINT NAME) — SIGNATURE

DATE	TIME	SAMPLE ID/DESCRIPTION	MATRIX	GRAB	COMP	# and Type of Containers: HCl	NaOH	HNO_3	H_2SO_4	OTHER	ANALYSES: 8015 TPH-D-G	8020 BTEX
10/29/98	1135	MW-6	H2O	1		2				HCl	X	X
	1050	MW-5		1		2					X	X
	1020	MW-8		1		2					X	X
	0940	MW-7		1		2					X	X
	1058	MW-500		1		2					X	X

To assist us in selecting the proper method

Is this work being conducted for regulatory compliance monitoring? Yes ____ No ____

Is this work being conducted for regulatory enforcement action? Yes ____ No ____

Which regulations apply: RCRA ____ NPDES Wastewater ____ UST ____ Drinking Water ____ Other ____ None ____

COMMENTS

CONDITION OF SAMPLE: BOTTLES INTACT? YES / NO
FIELD FILTERED? YES / NO
COC SEALS PRESENT AND INTACT? YES / NO
VOLATILES FREE OF HEADSPACE? YES / NO
TEMPERATURE UPON RECEIPT: .3°C
Bottles supplied by NET? YES / NO

SAMPLE REMAINDER DISPOSAL: RETURN SAMPLE REMAINDER TO CLIENT VIA ____
I REQUEST NET TO DISPOSE OF ALL SAMPLE REMAINDERS ____ DATE ____

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	RELINQUISHED BY:	DATE	TIME	RECEIVED FOR NET BY:
Joe Franzen	10/29/98	1539			10/29/98	10:30	J. Dale

METHOD OF SHIPMENT: Fedy

REMARKS:

PT 1 - ORIGINAL - WHITE PT 2 - NET PROJECT MANAGER - YELLOW PT 3 - CUSTOMER COPY - PINK

TestAmerica
INCORPORATED

Mr. Ken Rose
SAFETY-KLEEN
5665 Flatiron Pkwy
Boulder, CO 80301

05/10/1999

NET Job Number: 99.04374

IEPA Cert. No.: 100221
WDNR Cert. No.: 999447130
A2LA Cert. No.: 0453-01

Enclosed is the Analytical and Quality Control reports for the following samples submitted to Bartlett Division of TestAmerica for analysis.

Project Description: UPPR Sedalia; 605120

Sample Number	Sample Description	Date Taken	Date Received
524561	MW-5	04/27/1999	04/30/1999
524562	MW-7	04/27/1999	04/30/1999
524563	MW-8	04/27/1999	04/30/1999
524564	MW-6	04/27/1999	04/30/1999
524565	MW-15	04/27/1999	04/30/1999

Contract Audit #710171

Samples Collected By: Mr. Hoyt Sutphin (Safety-Kleen)

Sample analysis in support of the project referenced above has been completed and results are presented on the following pages. These results apply only to the samples analyzed. Reproduction of this report only in whole is permitted. Please refer to the enclosed "Key to Abbreviations" for definition of terms. Procedures used follow TestAmerica Standard Operating Procedures which reference the methods listed on your report. Should you have questions regarding procedures or results, please do not hesitate to call. TestAmerica has been pleased to provide these analytical services for you.

This Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

Approved by:

Mary Pearson
Project Manager

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Ken Rose
SAFETY-KLEEN
5665 Flatiron Pkwy
Boulder, CO 80301

05/10/1999

Sample No. : 524561

Job No.: 99.04374

Sample Description: MW-5
UPPR Sedalia; 605120

Date Taken: 04/27/1999
Time Taken: 17:20
IEPA Cert. No. 100221

Date Received: 04/30/1999
Time Received: 10:30
WDNR Cert. No. 999447130

Parameter	Results		Units	Date of Analysis	Method PQL	Analyst	Batch No. Prep/Run		Analytical Method
Prep, TPH 8015M - AQUEOUS	extracted			05/04/1999		jce	196		SW 8015M
TPH MODIFIED 8015									
TPH as Gasoline	1.80	PT	mg/L	05/07/1999	1.0	btl	196	351	SW 8015M
TPH as Diesel Fuel	<1.0		mg/L	05/07/1999	1.0	btl	196	351	SW 8015M
N-octacosane (TPH surr)	113.0		%	05/07/1999		btl	196	351	SW 8015M
UST VOLATILES 8260 - AQUEOUS									
Benzene	27		ug/L	05/06/1999	1.0	pll		2906	SW 8260A
Ethyl Benzene	1.2		ug/L	05/06/1999	1.0	pll		2906	SW 8260A
Toluene	1.8		ug/L	05/06/1999	1.0	pll		2906	SW 8260A
Xylenes, Total	2.0		ug/L	05/06/1999	1.0	pll		2906	SW 8260A
Surr: Toluene-d8	99.2		%	05/06/1999	85-117	pll		2906	SW 8260A
Surr: Bromofluorobenzene	97.2		%	05/06/1999	80-116	pll		2906	SW 8260A
Surr: Dibromofluoromethane	105.0		%	05/06/1999	75-130	pll		2906	SW 8260A

PT : Pattern does not match the calibration standard; however, hydrocarbons are present in the gasoline range.

850 W. BARTLETT RD./ BARTLETT, IL 60103 / 630-289-3100 / FAX: 630-289-5445 / 800-378-5700

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Ken Rose
SAFETY-KLEEN
5665 Flatiron Pkwy
Boulder, CO 80301

05/10/1999

Sample No. : 524562

Job No.: 99.04374

Sample Description: MW-7
UPPR Sedalia; 605120

Date Taken: 04/27/1999
Time Taken: 16:30
IEPA Cert. No. 100221

Date Received: 04/30/1999
Time Received: 10:30
WDNR Cert. No. 999447130

Parameter	Results	Units	Date of Analysis	Method PQL	Analyst	Batch No. Prep/Run	Analytical Method
UST VOLATILES 8260 - AQUEOUS							
Benzene	<1.0	ug/L	05/07/1999	1.0	mjo	2909	SW 8260A
Ethyl Benzene	<1.0	ug/L	05/07/1999	1.0	mjo	2909	SW 8260A
Toluene	<1.0	ug/L	05/07/1999	1.0	mjo	2909	SW 8260A
Xylenes, Total	<1.0	ug/L	05/07/1999	1.0	mjo	2909	SW 8260A
Surr: Toluene-d8	104.8	%	05/07/1999	85-117	mjo	2909	SW 8260A
Surr: Bromofluorobenzene	92.4	%	05/07/1999	80-116	mjo	2909	SW 8260A
Surr: Dibromofluoromethane	108.8	%	05/07/1999	75-130	mjo	2909	SW 8260A

850 W. BARTLETT RD./ BARTLETT, IL 60103 / 630-289-3100 / FAX: 630-289-5445 / 800-378-5700

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Ken Rose
SAFETY-KLEEN
5665 Flatiron Pkwy
Boulder, CO 80301

05/10/1999

Sample No. : 524563

Job No.: 99.04374

Sample Description: MW-8
UPPR Sedalia; 605120

Date Taken: 04/27/1999
Time Taken: 16:50
IEPA Cert. No. 100221

Date Received: 04/30/1999
Time Received: 10:30
WDNR Cert. No. 999447130

Parameter	Results	Units	Date of Analysis	Method PQL	Analyst	Batch No. Prep/Run		Analytical Method
Prep, TPH 8015M - AQUEOUS	extracted		05/04/1999		jce	196		SW 8015M
TPH MODIFIED 8015								
TPH as Gasoline	<1.0	mg/L	05/07/1999	1.0	btl	196	351	SW 8015M
TPH as Diesel Fuel	<1.0	mg/L	05/07/1999	1.0	btl	196	351	SW 8015M
N-octacosane (TPH surr)	97.0	%	05/07/1999		btl	196	351	SW 8015M
UST VOLATILES 8260 - AQUEOUS								
Benzene	<1.0	ug/L	05/06/1999	1.0	pll		2906	SW 8260A
Ethyl Benzene	<1.0	ug/L	05/06/1999	1.0	pll		2906	SW 8260A
Toluene	<1.0	ug/L	05/06/1999	1.0	pll		2906	SW 8260A
Xylenes, Total	<1.0	ug/L	05/06/1999	1.0	pll		2906	SW 8260A
Surr: Toluene-d8	109.4	%	05/06/1999	85-117	pll		2906	SW 8260A
Surr: Bromofluorobenzene	109.2	%	05/06/1999	80-116	pll		2906	SW 8260A
Surr: Dibromofluoromethane	121.8	%	05/06/1999	75-130	pll		2906	SW 8260A

850 W. BARTLETT RD./ BARTLETT, IL 60103 / 630-289-3100 / FAX: 630-289-5445 / 800-378-5700

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Ken Rose
SAFETY-KLEEN
5665 Flatiron Pkwy
Boulder, CO 80301

05/10/1999

Sample No. : 524564

Job No.: 99.04374

Sample Description: MW-6
UPPR Sedalia; 605120

Date Taken: 04/27/1999
Time Taken: 17:36
IEPA Cert. No. 100221

Date Received: 04/30/1999
Time Received: 10:30
WDNR Cert. No. 999447130

Parameter	Results	Units	Date of Analysis	Method PQL	Analyst	Batch No. Prep/Run		Analytical Method
Prep, TPH 8015M - AQUEOUS	extracted		05/04/1999		jce	196		SW 8015M
TPH MODIFIED 8015								
TPH as Gasoline	<1.0	mg/L	05/07/1999	1.0	btl	196	351	SW 8015M
TPH as Diesel Fuel	<1.0	mg/L	05/07/1999	1.0	btl	196	351	SW 8015M
N-octacosane (TPH surr)	108.0	%	05/07/1999		btl	196	351	SW 8015M
UST VOLATILES 8260 - AQUEOUS								
Benzene	<1.0	ug/L	05/07/1999	1.0	mjo		2909	SW 8260A
Ethyl Benzene	<1.0	ug/L	05/07/1999	1.0	mjo		2909	SW 8260A
Toluene	<1.0	ug/L	05/07/1999	1.0	mjo		2909	SW 8260A
Xylenes, Total	<1.0	ug/L	05/07/1999	1.0	mjo		2909	SW 8260A
Surr: Toluene-d8	105.0	%	05/07/1999	85-117	mjo		2909	SW 8260A
Surr: Bromofluorobenzene	92.4	%	05/07/1999	80-116	mjo		2909	SW 8260A
Surr: Dibromofluoromethane	104.2	%	05/07/1999	75-130	mjo		2909	SW 8260A

850 W. BARTLETT RD./ BARTLETT, IL 60103 / 630-289-3100 / FAX: 630-289-5445 / 800-378-5700

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Ken Rose
SAFETY-KLEEN
5665 Flatiron Pkwy
Boulder, CO 80301

05/10/1999

Sample No. : 524565

Job No.: 99.04374

Sample Description: MW-15
UPPR Sedalia; 605120

Date Taken: 04/27/1999
Time Taken: 17:12
IEPA Cert. No. 100221

Date Received: 04/30/1999
Time Received: 10:30
WDNR Cert. No. 999447130

Parameter	Results		Units	Date of Analysis	Method PQL	Analyst	Batch No. Prep/Run		Analytical Method
Prep, TPH 8015M - AQUEOUS	extracted			05/04/1999		joe	196		SW 8015M
TPH MODIFIED 8015									
TPH as Gasoline	1.70	PT	mg/L	05/07/1999	1.0	btl	196	351	SW 8015M
TPH as Diesel Fuel	<1.0		mg/L	05/07/1999	1.0	btl	196	351	SW 8015M
N-octacosane (TPH surr)	102.0		%	05/07/1999		btl	196	351	SW 8015M
UST VOLATILES 8260 - AQUEOUS									
Benzene	42		ug/L	05/08/1999	1.0	pll		2911	SW 8260A
Ethyl Benzene	1.7		ug/L	05/08/1999	1.0	pll		2911	SW 8260A
Toluene	2.9		ug/L	05/08/1999	1.0	pll		2911	SW 8260A
Xylenes, Total	3.8		ug/L	05/08/1999	1.0	pll		2911	SW 8260A
Surr: Toluene-d8	107.6		%	05/08/1999	85-117	pll		2911	SW 8260A
Surr: Bromofluorobenzene	92.2		%	05/08/1999	80-116	pll		2911	SW 8260A
Surr: Dibromofluoromethane	106.4		%	05/08/1999	75-130	pll		2911	SW 8260A

PT : Pattern does not match the calibration standard; however, hydrocarbons are present in the gasoline range.

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QUALITY CONTROL REPORT

CONTINUING CALIBRATION VERIFICATION

SAFETY-KLEEN
5665 Flatiron Pkwy
Boulder, CO 80301

05/10/1999

NET Job Number: 99.04374

Mr. Ken Rose

Analyte	Run Batch Number	CCV True Conc.	Conc. Found	Percent Recovery
TPH MODIFIED 8015				
TPH as Gasoline	351	2,500	2,714	108.6
TPH as Diesel Fuel	351	2,500	2,891	115.6
N-octacosane (TPH surr)	351	100	112	112.0
TPH MODIFIED 8015				
TPH as Gasoline	351	2,500	2,758	110.3
TPH as Diesel Fuel	351	2,500	2,596	103.8
N-octacosane (TPH surr)	351	100	101	101.0
TPH MODIFIED 8015				
TPH as Gasoline	351	2,500	2,779	111.2
TPH as Diesel Fuel	351	2,500	2,554	102.2
N-octacosane (TPH surr)	351	100	100	100.0
UST VOLATILES 8260 - AQUEOUS				
Benzene	2906	50.0	49.1	98.2
Ethyl Benzene	2906	50.0	51.1	102.2
Toluene	2906	50.0	50.4	100.8
Xylenes, Total	2906	150	153	102.0
UST VOLATILES 8260 - AQUEOUS				
Benzene	2909	50.0	54.0	108.0
Ethyl Benzene	2909	50.0	49.0	98.0
Toluene	2909	50.0	51.7	103.4
Xylenes, Total	2909	150	145	96.7
UST VOLATILES 8260 - AQUEOUS				
Benzene	2911	50.0	53.1	106.2
Ethyl Benzene	2911	50.0	49.7	99.4
Toluene	2911	50.0	53.0	106.0
Xylenes, Total	2911	150	147	98.0

CCV - Continuing Calibration Verification

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QUALITY CONTROL REPORT

BLANK ANALYSIS

SAFETY-KLEEN
5665 Flatiron Pkwy
Boulder, CO 80301

05/10/1999

NET Job Number: 99.04374

Mr. Ken Rose

Analyte	Prep Batch Number	Run Batch Number	Blank Analysis Results	Units	Reporting Limit	Analytical Method
TPH MODIFIED 8015						SW 8015M
TPH as Gasoline	196	351	<1.0	mg/L	1.0	SW 8015M
TPH as Diesel Fuel	196	351	<1.0	mg/L	1.0	SW 8015M
N-octacosane (TPH surr)	196	351	106.0	%		SW 8015M
UST VOLATILES 8260 - AQUEOUS						SW 8260A
Benzene		2906	<1.0	ug/L	1.0	SW 8260A
Ethyl Benzene		2906	<1.0	ug/L	1.0	SW 8260A
Toluene		2906	<1.0	ug/L	1.0	SW 8260A
Xylenes, Total		2906	<1.0	ug/L	1.0	SW 8260A
Surr: Dibromofluoromethane		2906	103.0	%	75-130	SW 8260A
Surr: Toluene-d8		2906	102.8	%	85-117	SW 8260A
Surr: Bromofluorobenzene		2906	103.6	%	80-116	SW 8260A
UST VOLATILES 8260 - AQUEOUS						SW 8260A
Benzene		2909	<1.0	ug/L	1.0	SW 8260A
Ethyl Benzene		2909	<1.0	ug/L	1.0	SW 8260A
Toluene		2909	<1.0	ug/L	1.0	SW 8260A
Xylenes, Total		2909	<1.0	ug/L	1.0	SW 8260A
Surr: Dibromofluoromethane		2909	105.8	%	75-130	SW 8260A
Surr: Toluene-d8		2909	105.8	%	85-117	SW 8260A
Surr: Bromofluorobenzene		2909	92.6	%	80-116	SW 8260A
UST VOLATILES 8260 - AQUEOUS						SW 8260A
Benzene		2911	<1.0	ug/L	1.0	SW 8260A
Ethyl Benzene		2911	<1.0	ug/L	1.0	SW 8260A
Toluene		2911	<1.0	ug/L	1.0	SW 8260A
Xylenes, Total		2911	<1.0	ug/L	1.0	SW 8260A
Surr: Dibromofluoromethane		2911	107.2	%	75-130	SW 8260A
Surr: Toluene-d8		2911	106.2	%	85-117	SW 8260A
Surr: Bromofluorobenzene		2911	92.2	%	80-116	SW 8260A

Advisory Control Limits for Blanks:

All compounds should be less than the Reporting Limit, except for phthalate esters, toluene, methylene chloride, acetone and chloroform should be less than 5 times the Reporting Limit.

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QUALITY CONTROL REPORT

LABORATORY CONTROL STANDARD

SAFETY-KLEEN
5665 Flatiron Pkwy
Boulder, CO 80301

05/10/1999

NET Job Number: 99.04374

Mr. Ken Rose

Analyte	Prep Batch Number	Run Batch Number	True Conc.	Conc. Found	LCS % Recovery
TPH MODIFIED 8015					
TPH as Gasoline	196	351	4.0	3.79	94.8
TPH as Diesel Fuel	196	351	4.0	4.32	108.0
N-octacosane (TPH surr)	196	351	100	107	107.0
UST VOLATILES 8260 - AQUEOUS					
Benzene		2906	20.0	21.3	106.5
Ethyl Benzene		2906	20.0	21.2	106.0
Toluene		2906	20.0	22.0	110.0
Xylenes, Total		2906	60.0	64.0	106.7
Surr: Dibromofluoromethane		2906	50.0	54.5	109.0
Surr: Toluene-d8		2906	50.0	54.3	108.6
Surr: Bromofluorobenzene		2906	50.0	53.5	107.0
UST VOLATILES 8260 - AQUEOUS					
Benzene		2909	20.0	21.6	108.0
Ethyl Benzene		2909	20.0	19.7	98.5
Toluene		2909	20.0	21.2	106.0
Xylenes, Total		2909	60.0	57.5	95.8
Surr: Dibromofluoromethane		2909	50.0	53.4	106.8
Surr: Toluene-d8		2909	50.0	53.8	107.6
Surr: Bromofluorobenzene		2909	50.0	48.2	96.4
UST VOLATILES 8260 - AQUEOUS					
Benzene		2911	20.0	23.4	117.0
Ethyl Benzene		2911	20.0	21.3	106.5
Toluene		2911	20.0	22.5	112.5
Xylenes, Total		2911	60.0	61.9	103.2
Surr: Dibromofluoromethane		2911	50.0	53.6	107.2
Surr: Toluene-d8		2911	50.0	53.3	106.6
Surr: Bromofluorobenzene		2911	50.0	47.2	94.4

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TestAmerica
INCORPORATED

QUALITY CONTROL REPORT

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

SAFETY-KLEEN
5665 Flatiron Pkwy
Boulder, CO 80301

Mr. Ken Rose

05/10/1999

NET Job Number: 99.04374

Analyte	Prep Batch Number	Run Batch Number	Matrix Spike Result	Sample Result	Spike Amount	Units	Percent Recovery	MSD Result	MSD Spike Amount	Units	Percent Recovery	MS/MSD RPD
UST VOLATILES 8260 - AQUEOUS												
Benzene		2906	21.1	<1.0	20.0	ug/L	105.5	21.4	20.0	ug/L	107.0	1.4
Ethyl Benzene		2906	18.8	<1.0	20.0	ug/L	94.0	18.9	20.0	ug/L	94.5	0.5
Toluene		2906	19.5	<1.0	20.0	ug/L	97.5	20.5	20.0	ug/L	102.5	4.9
Xylenes, Total		2906	56.0	<1.0	60.0	ug/L	93.3	56.6	60.0	ug/L	94.3	1.1

NOTE: Matrix Spike Samples may not be samples from this job.

Advisory Control Limits for MS/MSDs:

For Inorganic Parameters and GC Volatiles, the spike recovery should be 75 - 125% if the spike added value was greater than or equal to one fourth of the sample result value. If not, the control limits are not established. The RPD for the MS/MSD pair should be less than 20.

MS = Matrix Spike
MSD = Matrix Spike Duplicate
RPD = Relative Percent Difference

RPD calculations are performed on the Percent Recovery calculated from the observed Matrix spike and Matrix Spike Duplicate results.

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TestAmerica, Bartlett Division

KEY TO ABBREVIATIONS and METHOD REFERENCES

<	:	Less than; When appearing in the results column indicates the analyte was not detected at or above the reported value.
mg/L	:	Concentration in units of milligrams of analyte per liter of sample. Measurement used for aqueous samples. Can also be expressed as parts per million (ppm).
ug/g	:	Concentration in units of micrograms of analyte per gram of sample. Measurement used for non-aqueous samples. Can also be expressed as parts per million (ppm) or mg/Kg.
ug/L	:	Concentration in units of micrograms of analyte per liter of sample. Measurement used for aqueous samples. Can also be expressed as parts per billion (ppb).
ug/Kg	:	Concentration in units of micrograms of analyte per kilogram of sample. Measurement used for non-aqueous samples. Can also be expressed as parts per billion (ppb).
TCLP	:	These initials appearing in front of an analyte name indicate that the Toxicity Characteristic Leaching Procedure (TCLP) was performed for this test.
Surr:	:	These initials are the abbreviation for surrogate. Surrogates are compounds that are chemically similar to the compounds of interest. They are part of the method quality control requirements.
%	:	Percent; To convert ppm to %, divide the result by 10,000. To convert % to ppm, multiply the result by 10,000.
ICP	:	Indicates analysis was performed using Inductively Coupled Plasma Spectroscopy.
AA	:	Indicates analysis was performed using Atomic Absorption Spectroscopy.
GFAA	:	Indicates analysis was performed using Graphite Furnace Atomic Absorption Spectroscopy.
PQL	:	Practical Quantitation Limit; the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions.

Method References

(1) Methods 1000 through 9999: see "Test Methods for Evaluating Solid Waste", USEPA SW-846, 3rd Edition, 1986.

(2) ASTM "American Society for Testing Materials"

(3) Methods 100 through 499: see "Methods for Chemical Analysis of Water and Wastes", USEPA, 600/4-79-020, Rev. 1983.

(4) See "Standard Methods for the Examination of Water and Wastewater", 17th Ed, APHA, 1989.

(5) Methods 600 through 625: see "Guidelines Establishing Test Procedures for the Analysis of Pollutants", USEPA Federal Register Vol. 49 No. 209, October 1984.

(6) Methods 500 through 599: see "Methods for the Determination of Organic Compounds in Drinking Water," USEPA 600/4-88/039, Rev. 1988.

(7) See "Methods for the Determination of Metals in Environmental Samples", Supplement I EPA-600/R-94/111, May 1994.

(8) See "Standard Methods for the Examination of Water and Wastewater", 18th Ed., APHA, 1992.

(9) Methods 1000 through 9999: see "Test Methods for Evaluating Solid Waste", USEPA SW-846, 3rd Edition, 1986, Including Updates I and II.

(10) This method is from the 2nd Edition of "Test Methods for Evaluating Solid Waste", USEPA SW-846. It has been dropped from the 3rd Edition, 1986.

CHAIN OF CUSTODY RECORD

TestAmerica INCORPORATED

COMPANY: Safety-Kleen
ADDRESS: 5665 Flatiron Pkway Boulder CO 80301
PHONE: 303-938-5567 FAX: 303-938-5520
PROJECT NAME/LOCATION: Old Hudson Station / Seckalia MD
PROJECT NUMBER: 605120
PROJECT MANAGER: Ken Rose

REPORT TO: Ken Rose (S-K)
INVOICE TO: Jim McDermott (SKRP)
P.O. NO.:
QUOTE NO.:

SAMPLED BY (PRINT NAME): Hoyt Sutphin
SIGNATURE: Hoyt Sutphin
(PRINT NAME):
SIGNATURE:

DATE	TIME	SAMPLE ID/DESCRIPTION	MATRIX	GRAB	COMP	# and Type of Containers: HCl	NaOH	HNO_3	H_2SO_4	OTHER	ANALYSES: TPH-Gas	TPH-Diesel	BTEX 8260		COMMENTS
4/27	17:20	MW-5	W			3				2	✓	✓	✓		
	16:30	MW-7	W			3				2	✓	✓	✓	*	rec'd 2 broken bottles TPH-G & TPH-D
	4:50	MW-8	W			3				2	✓	✓	✓		
	5:36	MW-6	W			3				2	✓	✓	✓		rec'd 1 broken bottle TPH-G
	5:12	MW-15	W			3				2	✓	✓	✓		rec'd 1 broken bottle TPH-D
															* Cancel TPH MW-7, both containers broken.

To assist us in selecting the proper method:
Is this work being conducted for regulatory compliance monitoring? Yes ✓ No
Is this work being conducted for regulatory enforcement action? Yes No ✓
Which regulations apply: RCRA UST ✓ Other — NPDES Wastewater Drinking Water Mons

CONDITION OF SAMPLE: BOTTLES INTACT? (YES) NO (PM) FIELD FILTERED? YES / NO
COC SEALS PRESENT AND INTACT? YES / NO N/A VOLATILES FREE OF HEADSPACE? (YES) / NO
TEMPERATURE UPON RECEIPT: 1.6 °C wet ice Bottles supplied by LAB? (YES) / NO

SAMPLE REMAINDER DISPOSAL: RETURN SAMPLE REMAINDER TO CLIENT VIA _____ I REQUEST LAB TO DISPOSE OF ALL SAMPLE REMAINDERS N/A DATE 4-27-99

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	RELINQUISHED BY:	DATE	TIME	RECEIVED FOR LAB BY:
[signature]	4-29-99		FEDEX		4/30/99	1030	P. Meinel

METHOD OF SHIPMENT: Fed Ex
REMARKS:

PT 1 - ORIGINAL - WHITE PT 2 - PROJECT MANAGER - YELLOW PT 3 - CUSTOMER COPY - PINK

FINAL CLOSURE REPORT
LEAKING UNDERGROUND STORAGE TANK
AT
UNION PACIFIC RAILROAD
OLD HUDSON STATION
SEDALIA, MISSOURI

11270-RS-1253

May 3, 1991

PREPARED BY:

USPCI
5665 FLATIRON PARKWAY
BOULDER, COLORADO 80301

USPCI
A Subsidiary of
Union Pacific Corporation

Remedial Services

May 13, 1991

Mr. Larry P. Coen
Leaking Underground Storage Tank Unit
Division of Environmental Quality
Department of Natural Resources
P.O. Box 176
Jefferson City, Missouri 65102

Re: Remediation Closure Report
Old Hudson Station
Sedalia, Missouri
11270-RS-1253

Dear Mr. Coen:

Enclosed are two copies of USPCI's Final Closure Report for two USTs which were removed at Union Pacific Railroad's Old Hudson Filling Station located in Sedalia, Missouri.

Thank you for your assistance in this matter.

Sincerely,

Peggy D. Simone

Peggy D. Simone
Environmental Specialist

Curtis G. Hull
Program Manager
Environmental Assessments

PDS/CGH/

Enclosure

cc: Ed McNutt, UPRR
John Yellich, USPCI

5665 Flatiron Parkway • Boulder, Colorado 80301 • 303/938-5500 • Fax 303/938-5520

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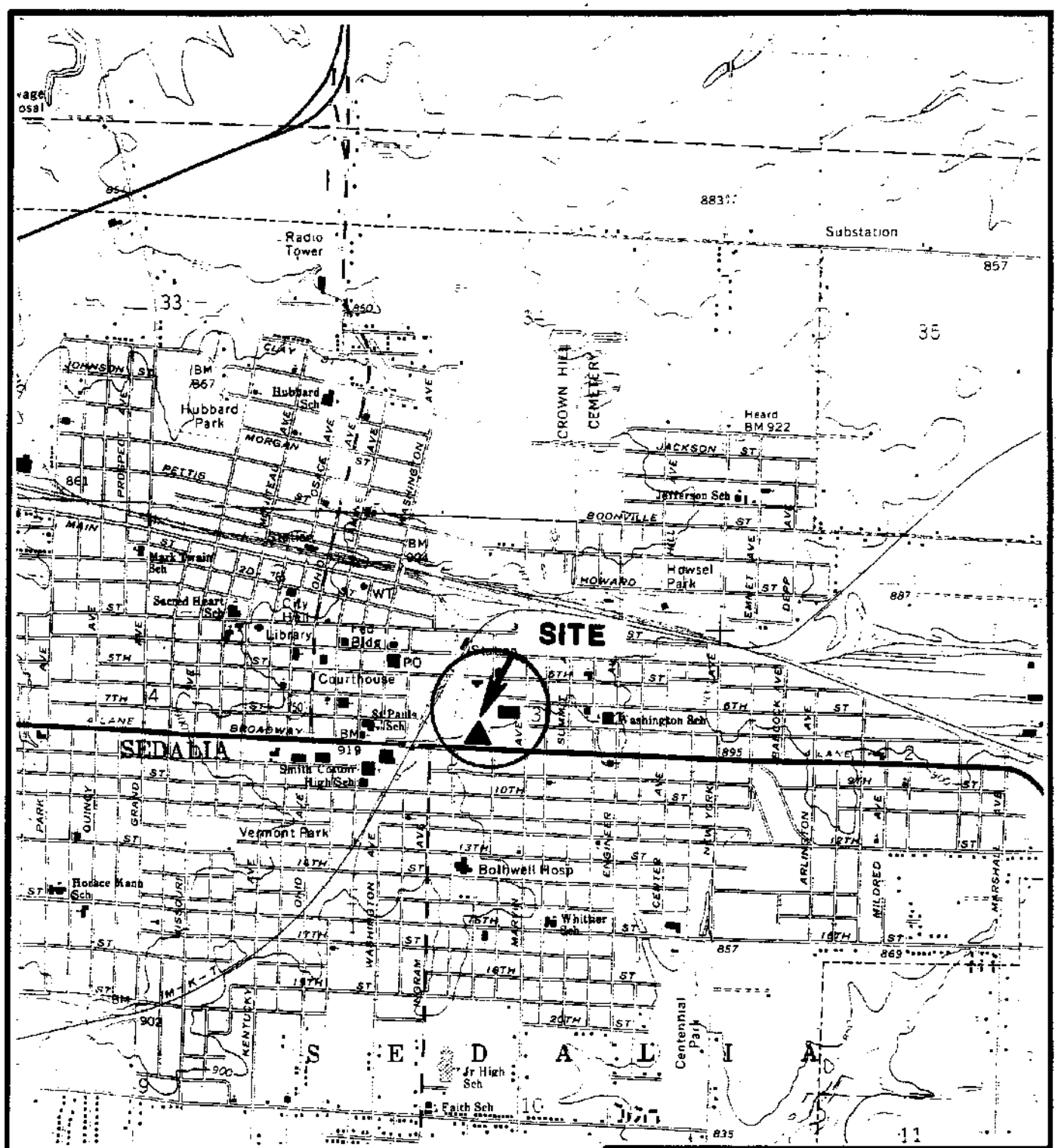
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1.0 INTRODUCTION

USPCI, as contractor to Union Pacific Railroad, conducted the removal of two underground storage tanks on November 10, 1990, at the Union Pacific Railroad's Old Hudson Station, 651 East Broadway, Sedalia, Missouri (Figure 1). A copy of the Notification for Underground Storage Tanks which was submitted to the Missouri Department of Natural Resources is shown in Appendix A. The tanks were found to have leaked and the Missouri Department of Natural Resources (MDNR), Laboratory Services Program was notified. After notification of the release, the MDNR gave USPCI verbal approval for remediation action at the Sedalia tank site. This final closure report contains the results of the implementation of remedial action and is intended as the final reporting on the Old Hudson Station site.



USPCI
A Subsidiary of Union Pacific Corporation

SEDALIA, MISSOURI

FIGURE 1
SITE LOCATION MAP
OLD HUDSON STATION

SCALE: 1" = 2000'

APPROVED/DATE

2.0 BACKGROUND

On November 10, 1990, USPCI permanently closed two underground storage tanks at the Old Hudson Filling Station for Union Pacific Railroad in Sedalia, Missouri. Field designated as SED-7 and SED-8, these tanks will be discussed together because they were installed in a single excavation. The tank area was surfaced in concrete with an 18 inch retaining wall on two sides. Access to the site was somewhat restricted by trees, a telephone pole pedestal, a power pole and a water meter.

Both tanks were 12,000 gallon steel tanks. SED-7 held regular gasoline and was located on the west side of the excavation, and SED-8 held unleaded gasoline and was located on the east side. A 1/4" hole was observed on the north end of SED-7 during the tank removal.

At the time of removal, both tanks were out of service. A product line extended approximately 35 feet southeast from the tank area to a fuel island.

Table 1 shows the tank testing results during tank removal.

TABLE 1

TANK TESTING RESULTS DURING REMOVAL								
TANK#:	SED-7				SED-8			
TIME:	8:00am		10:00am		8:00am		10:00am	
DEPTH (FT)	%LEL	$\%O_2$	%LEL	$\%O_2$	%LEL	$\%O_2$	%LEL	$\%O_2$
1	100	21	10	2	10	21	3	1
2	100	21	10	2	10	21	3	1
3	100	21	10	2	10	21	3	1
4	100	21	10	2	10	21	3	1
5	100	21	10	2	10	21	3	1
6	100	21	10	2	10	21	3	1
7	100	21	10	2	10	21	3	1
8	100	21	10	2	10	21	3	1
9	100	21	10	2	10	21	3	1
10	100	21	10	2	10	21	3	1
11	100	21	10	2	10	21	3	1
12	100	21	10	2	10	21	3	1
13	100	21	10	2	10	21	3	1

After tank removal, it was arranged for Tanks Away in Federal Heights, Colorado to destroy the tanks. Certificates of destruction are filed in the USPCI, Boulder, Colorado office.

PID screening of the excavation revealed minor contamination from 1 to 12 feet below grade with the highest tank excavation reading being 384 ppm. No significant downward migration path was detected at this site.

3.0 REMEDIATION

As discussed with the Missouri Department of Natural Resources, Laboratory Services Program personnel, the Old Hudson Filling Station site was remediated by excavation of contaminated soil. The remediation was completed on November 15, 1990.

Field analyses was performed with a calibrated OVM Photoionization Detector (PID) for organic vapor emissions and results recorded in ppm. The reading of the organic vapor analyzer (OVA) served as the baseline to determine the vertical and lateral extent of contaminated soil requiring removal. The excavation extended downward and laterally until the concentration of contaminants in the soil, as measured by the OVA dropped to less than 10 ppm. The maximum PID reading during the remediation was recorded at 735 ppm while excavating the product line. The PID was used in three ways: 1) excavation zone monitoring as a general indication of contamination, 2) work area monitoring to assure proper respirator protection for workers, and 3) head space analysis to determine when excavation was complete. Head space analysis consists of placing a sample of soil in a plastic bag and placing the bag in a warm place for a minimum of 15 minutes. A PID reading is then taken of the air trapped within the plastic bag along with the soil.

A total of 6 soil and 2 water verification samples were taken for both SED-7 and SED-8 during the remediation to verify the cleanup was complete. The sample locations are listed in Table 2 and illustrated in Figure 2. These verification samples were sent to International Technology Analytical Services, 5307 Industrial Oaks Boulevard, Austin, Texas to be analyzed for TPH and BTEX. Table 3 summarizes the analytical results for SED-7 and SED-8 November soil samples and Table 4 summarizes the water sample results.

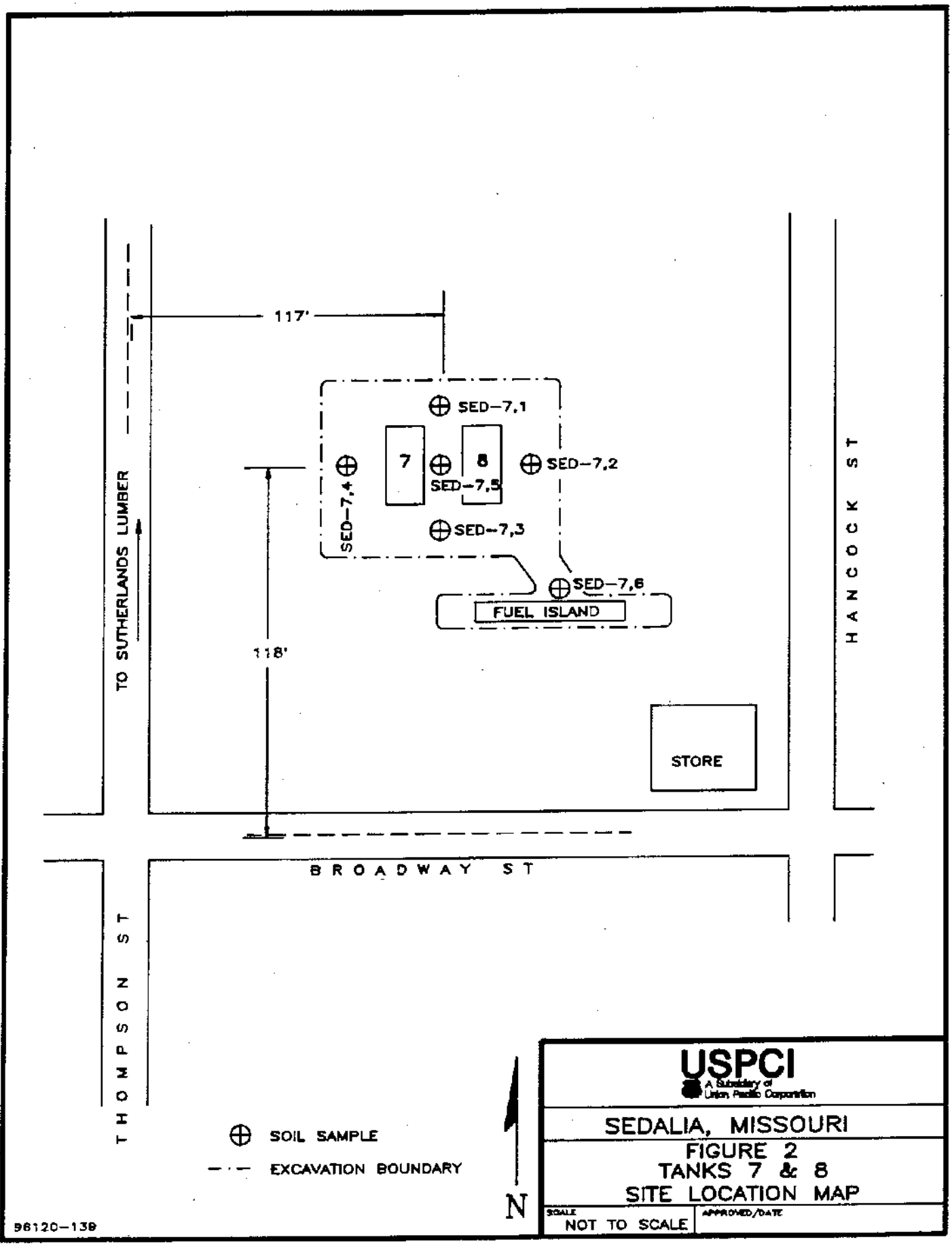

117'
SED-7,1
7
8
SED-7,2
SED-7,4
SED-7,5
SED-7,3
SED-7,6
FUEL ISLAND
118'
TO SUTHERLANDS LUMBER
HANCOCK ST
STORE
BROADWAY ST
THOMPSON ST
SOIL SAMPLE
EXCAVATION BOUNDARY
N
USPCI
A Subsidiary of Union Pacific Corporation
SEDALIA, MISSOURI
FIGURE 2
TANKS 7 & 8
SITE LOCATION MAP
SCALE
NOT TO SCALE
APPROVED/DATE
96120-138

TABLE 2
SAMPLE LOCATIONS
Old Hudson Station

Sample No.	Area	Depth (ft.)
Sed-7-1	North	16.0
Sed-7-2	East	16.0
Sed-7-3	South	10.6
Sed-7-4	West	12.0
Sed-7-5	Center	15.0
Sed-7-6	Product Line	8.0
Sed-7-7	Center	16.0
Sed-7-8	Center	16.0

TABLE 3
11/16/90 SOIL ANALYTICAL RESULTS
Old Hudson Station

SOIL SAMPLE NO.	TPH	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES
	ppm	ppb	ppb	ppb	ppb
SED-7-1-North	BDL (12)	1 (1)	6.3 (1)	3.9 (1)	11 (1)
SED-7-2-East	BDL (13)	1.5 (1)	1.3 (1)	1.2 (1)	3.9 (1)
SED-7-3-South	BDL (13)	170 (10)	34 (10)	53 (10)	160 (10)
SED-7-4-West	BDL (12)	1.2 (1)	1.2 (1)	1.2 (1)	3 (1)
SED-7-5-Center	BDL (13)	2.1 (1)	1.3 (1)	1.2 (1)	3.6 (1)
SED-7-6-Prod.Line	BDL (13)	5.1 (1)	16 (1)	13 (1)	97 (1)

NOTE: BDL = Below Detection Limit
( ) = Detection Limit

TABLE 4
11/16/90 WATER ANALYTICAL RESULTS
Old Hudson Station

WATER SAMPLE NO.	TPH	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES
	ppm	ppb	ppb	ppb	ppb
SED-7-7W-Center	BDL (10)	29 (10)	110 (10)	30 (10)	160 (10)
SED-7-8W-Center	BDL (10)	220 (10)	26 (10)	78 (10)	220 (10)

NOTE: BDL = Below Detection Limit
( ) = Detection Limit

The soil and water samples were analyzed for Total Petroleum Hydrocarbons (TPH), using EPA Method 418.1 and Benzene, Toluene, Ethylbenzene, and Xylene (BTEX) using EPA Method 8020. Analysis of the verification samples indicated no significant levels of contaminants remaining in the soil. Copies of the complete laboratory analyses results are shown in Appendix B.

The BTEX analysis for water samples SED-7-7W-Center and SED-7-8W-Center are not indicative of the site groundwater quality because they contain a considerable amount of suspended sediment. USPCI believes they were sampled from water that had collected in the excavation. This sediment had a direct effect on the analytical results.

4.0 DISPOSAL

When USPCI completed the excavation, a total volume of 1,153.90 cubic yards of contaminated, non-hazardous soil was transported in trucks owned by Howard Quarries, Inc., to the Central Missouri Landfill, Inc., Sedalia, Missouri. Copies of the Straight Bill of Lading, waste identification form and waste certification letter are shown in Appendix C. The soil was disposed as contaminated with virgin product as defined by 10 CSR 25-11.010.

5.0 CONCLUSION

The two USTs, SED-7 and SED-8, at the Old Hudson site, 651 East Broadway, Sedalia, Missouri were discovered to be leakers during UST removal. Immediate overexcavation of contaminated soil was performed with soil disposed at the Central Missouri Landfill. Sampling and analysis verified that the cleanup was complete. This report serves as the final closure report for the Old Hudson site.

APPENDIX A

MISSOURI NOTIFICATION FOR UNDERGROUND STORAGE TANKS

Notification for Underground Storage Tanks

FOR TANKS IN **MO**

RETURN COMPLETED FORM TO

Department of Natural Resources
Attn: UST Coordinator
P. O. Box 176
Jefferson City, MO 65102

STATE USE ONLY

I.D. Number

Date Received

GENERAL INFORMATION

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1974, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by Section 9002 of the Resource Conservation and Recovery Act (RCRA), as amended.

The primary purpose of this notification program is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonably available records, or, in the absence of such records, your knowledge, belief, or recollection.

Who Must Notify? Section 9002 of RCRA, as amended, requires that, unless exempted, owners of underground tanks that store regulated substances must notify designated State or local agencies of the existence of their tanks. Owner means—

(a) In the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances; and

(b) In the case of any underground storage tank in use before November 8, 1984, but no longer in use on that date, any person who owned such tank immediately before the discontinuation of its use.

What Tanks Are Included? Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances," and (2) whose volume (including connected underground piping) is 10% or more beneath the ground. Some examples are underground tanks storing: 1. gasoline, used oil, or diesel fuel, and 2. industrial solvents, pesticides, herbicides or fumigants.

What Tanks Are Excluded? Tanks removed from the ground are not subject to notification. Other tanks excluded from notification are:

1. farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;
2. tanks used for storing heating oil for consumptive use on the premises where stored;
3. septic tanks;
4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or which is an intrastate pipeline facility regulated under State laws;
5. surface impoundments, pits, ponds, or lagoons;
6. storm water or waste water collection systems;
7. flow-through process tanks;
8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;
9. storage tanks situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

What Substances Are Covered? The notification requirements apply to underground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 101 (14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

Where To Notify? Completed notification forms should be sent to the address given at the top of this page.

When To Notify? 1. Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but still in the ground, must notify by May 8, 1986. 2. Owners who bring underground storage tanks into use after May 8, 1986, must notify within 30 days of bringing the tanks into use.

Penalties. Any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed $10,000 for each tank for which notification is not given or for which false information is submitted.

INSTRUCTIONS

Please type or print in ink all items except "signature" in Section V. **This form must be completed for each location containing underground storage tanks.** If more than 5 tanks are owned at this location, photocopy the reverse side, and staple continuation sheets to this form.

Indicate number of continuation sheets attached: ☐

I. OWNERSHIP OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity)
Union Pacific Railroad

Street Address
1416 Dodge St.

County
Douglas

City: Omaha | State: NE | ZIP Code: 68179

Area Code: (402) | Phone Number: 271-2262

Type of Owner (Mark all that apply ☒)

☐ Current ☐ Former ☐ State or Local Govt ☐ Federal Govt (GSA facility I.D. no. _____) ☒ Private or Corporate ☐ Ownership uncertain

II. LOCATION OF TANK(S)

(If same as Section I, mark box here ☐)

Facility Name or Company Site Identifier, as applicable
Sedalia (OLD HUDSON SITE)

Street Address or State Road, as applicable
Broadway and Thompson

County
Pettis

City (nearest): Sedalia | State: MO | ZIP Code: 65301

Indicate number of tanks at this location: 2

Mark box here if tank(s) are located on land within an Indian reservation or on other Indian trust lands: ☐

III. CONTACT PERSON AT TANK LOCATION

Name (If same as Section I, mark box here ☐): Jim Gorley

Job Title: Manager Engineering Maintenance

Area Code: (501) | Phone Number: 373-2287

IV. TYPE OF NOTIFICATION

☐ Mark box here only if this is an amended or subsequent notification for this location.

V. CERTIFICATION (Read and sign after completing Section VI.)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner or owner's authorized representative: Roger Fitch Manager Fire Protection

Signature: Roger Fitch

Date Signed: 10/9/90

CONTINUE ON REVERSE SIDE

Owner Name (from Section I) UPRR Location (from Section II) Sedalia Page No. 2 of 2 Pages

VI. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)

Tank Identification No. (e.g., ABC-123), or Arbitrarily Assigned Sequential Number (e.g., 1,2,3...)	Tank No. 1	Tank No. 2	Tank No.	Tank No.	Tank No.
1. Status of Tank (Mark all that apply ☒)					
Currently in Use	☐	☐	☐	☐	☐
Temporarily Out of Use	☐	☐	☐	☐	☐
Permanently Out of Use	☒	☒	☐	☐	☐
Brought into Use after 5/8/86	☐	☐	☐	☐	☐
2. Estimated Age (Years)	Unknown	Unknown			
3. Estimated Total Capacity (Gallons)	Unknown	Unknown			
4. Material of Construction (Mark one ☒)					
Steel	☐	☐	☐	☐	☐
Concrete	☐	☒	☐	☐	☐
Fiberglass Reinforced Plastic	☐	☐	☐	☐	☐
Unknown	☒	☐	☐	☐	☐
Other, Please Specify					
5. Internal Protection (Mark all that apply ☒)					
Cathodic Protection	☐	☐	☐	☐	☐
Interior Lining (e.g., epoxy resins)	☐	☐	☐	☐	☐
None	☐	☒	☐	☐	☐
Unknown	☒	☐	☐	☐	☐
Other, Please Specify					
6. External Protection (Mark all that apply ☒)					
Cathodic Protection	☐	☐	☐	☐	☐
Painted (e.g., asphaltic)	☐	☐	☐	☐	☐
Fiberglass Reinforced Plastic Coated	☐	☐	☐	☐	☐
None	☐	☒	☐	☐	☐
Unknown	☒	☐	☐	☐	☐
Other, Please Specify					
7. Piping (Mark all that apply ☒)					
Bare Steel	☐	☐	☐	☐	☐
Galvanized Steel	☐	☐	☐	☐	☐
Fiberglass Reinforced Plastic	☐	☐	☐	☐	☐
Cathodically Protected	☐	☒	☐	☐	☐
Unknown	☒	☐	☐	☐	☐
Other, Please Specify					
8. Substance Currently or Last Stored in Greatest Quantity by Volume (Mark all that apply ☒)					
a. Empty	☐	☐	☐	☐	☐
b. Petroleum					
Diesel	☐	☐	☐	☐	☐
Kerosene	☐	☐	☐	☐	☐
Gasoline (including alcohol blends)	☐	☐	☐	☐	☐
Used Oil	☐	☐	☐	☐	☐
Other, Please Specify					
c. Hazardous Substance	☐	☐	☐	☐	☐
Please Indicate Name of Principal CERCLA Substance OR Chemical Abstract Service (CAS) No.					
Mark box ☒ if tank stores a mixture of substances	☐	☐	☐	☐	☐
d. Unknown	☒	☒	☐	☐	☐
9. Additional Information (for tanks permanently taken out of service)					
a. Estimated date last used (mo/yr)	/	/	/	/	/
b. Estimated quantity of substance remaining (gal.)					
c. Mark box ☒ if tank was filled with inert material (e.g., sand, concrete)	☐	☐	☐	☐	☐

☆ U.S. Government Printing Office: 1989—[illegible]

APPENDIX B

ANALYTICAL RESULTS

INTERNATIONAL TECHNOLOGY CORPORATION

ANALYTICAL SERVICES

CERTIFICATE OF ANALYSIS

US POLLUTION CONTROL INC.
US POLLUTION CONTROL INC
5665 FLATIRON PARKWAY
BOULDER CO 80301
CURTIS HULL

Date: 11/16/90

Work Order: BO-11-165

This is the Certificate of Analysis for the following samples:

Client Work ID: UP-UST-REMEDIATION 93482-600
Date Received: 11/15/90
Number of Samples: 6
Sample Type: SOIL

I. Introduction

Samples were labeled as follows:

SAMPLE IDENTIFICATION	LABORATORY #
SED-7-1-NORTH 16'-0''	BO-11-165-01
SED-7-2-EAST 16'-0''	BO-11-165-02
SED-7-3-SOUTH 10'-6''	BO-11-165-03
SED-7-4-WEST 12'-0''	BO-11-165-04
SED-7-5-CENTER 15'-0''	BO-11-165-05
SED-7-6-PRODUCTLINE 8'-0''	BO-11-165-06

Reviewed and Approved:

Diane M. Nichols
Laboratory Manager

IT ANALYTICAL SERVICES
AUSTIN, TX
(512) 892-6684

Company: US POLLUTION CONTROL INC.
Date: 11/16/90
Client Work ID: UP-UST-REMEDIATION 93482-600

Work Order: BO-11-165

II. QA/QC

The results presented in this report meet the statement of work requirements in accordance with Quality Control and Quality Assurance protocol.

III. Analytical Data

The following page(s) supply results for requested analyses performed on the samples listed above.

The test results relate to tested items only. ITAS-Austin reserves the right to control report production except in whole.

IT ANALYTICAL SERVICES
AUSTIN, TX
(512) 892-6684

Company: US POLLUTION CONTROL INC.
Date: 11/16/90
Client Work ID: UP-UST-REMEDIATION 93482-600

Work Order: B0-11-165

SAMPLE ID / SAMPLED / TEST	SED-7-4-WEST 12'-0''	SED-7-5-CENTER 15'-0''	SED-7-6-PRODUCT LINE 8'-0''	UNITS
418.1 PET. HYDROCARBONS	ND [12]	ND [13]	ND [13]	mg/kg

ND indicates the parameter was not detected.
Detection limits are specified in [].

IT ANALYTICAL SERVICES
AUSTIN, TX
(512) 892-6684

Company: US POLLUTION CONTROL INC.
Date: 11/16/90
Client Work ID: UP-UST-REMEDIATION 93482-600

Work Order: B0-11-165

TEST NAME: **BTEX - Purge and Trap**

SAMPLE ID: **SED-7-2-EAST 16'-0''**
SAMPLE DATE: **not spec**
ANALYSIS DATE: 11/15/90

	Results in ug/kg:	Detection Limit
Benzene	1.5	1
Ethylbenzene	1.3	1
Toluene	1.2	1
Xylenes (total)	3.9	1

Comments: 'ND' or '<' indicates that the compound is not detected at the specified limit.

IT ANALYTICAL SERVICES
AUSTIN, TX
(512) 892-6684

Company: US POLLUTION CONTROL INC.
Date: 11/16/90
Client Work ID: UP-UST-REMEDIATION 93482-600

Work Order: BO-11-165

TEST NAME: **BTEX - Purge and Trap**

SAMPLE ID: **SED-7-3-SOUTH 10'-6''**
SAMPLE DATE: **not spec**
ANALYSIS DATE: 11/15/90

	Results in ug/kg:	Detection Limit
Benzene	170	10
Ethylbenzene	34	10
Toluene	53	10
Xylenes (total)	160	10

Comments: 'ND' or '<' indicates that the compound is not detected at the specified limit.

IT ANALYTICAL SERVICES
AUSTIN, TX
(512) 892-6684

Company: US POLLUTION CONTROL INC.
Date: 11/16/90
Client Work ID: UP-UST-REMEDIATION 93482-600

Work Order: BO-11-165

TEST NAME: BTEX - Purge and Trap

SAMPLE ID: SED-7-4-WEST 12'-0''
SAMPLE DATE: not spec
ANALYSIS DATE: 11/15/90

	Results in ug/kg:	Detection Limit
Benzene	1.2	1
Ethylbenzene	1.2	1
Toluene	1.2	1
Xylenes (total)	3.0	1

Comments: 'ND' or '<' indicates that the compound is not detected at the specified limit.

IT ANALYTICAL SERVICES
AUSTIN, TX
(512) 892-6684

Company: US POLLUTION CONTROL INC.
Date: 11/16/90
Client Work ID: UP-UST-REMEDIATION 93482-600

Work Order: BO-11-165

TEST NAME: **BTEX - Purge and Trap**

SAMPLE ID: **SED-7-6-PRODUCTLINE 8'-0''**
SAMPLE DATE: **not spec**
ANALYSIS DATE: 11/15/90

	Results in ug/kg:	Detection Limit
Benzene	5.1	1
Ethylbenzene	16	1
Toluene	13	1
Xylenes (total)	97	1

Comments: 'ND' or '<' indicates that the compound is not detected at the specified limit.

IT ANALYTICAL SERVICES
AUSTIN, TX
(512) 892-6684

Company: US POLLUTION CONTROL INC.
Date: 11/16/90
Client Work ID: UP-UST-REMEDIATION 93482-600

Work Order: BO-11-165

IV. Methodology

Requested analyses were performed according to the following methods.

TEST NAME BTEX - Purge and Trap TEST CODE **BTEX**

BTEX	EPA 8020-Test Methods for Evaluating Solid Wastes, 3rd Edition, November 1986. This technique uses a purge and trap with gas chromatography (GC) and photo ionization detection (PID).

TEST NAME 418.1 PET. HYDROCARBONS TEST CODE **TPH_IR**

TPH-Total Recoverable Petroleum Hydrocarbons	Extraction of samples using EPA Method 418.1 for water samples, EPA Method 9071 for soil samples, and EPA method 3580 for dilution of organic waste samples. Infrared (IR) spectroscopy analysis of all extracts as per EPA Method 418.1. Soil samples are reported on a dry weight basis.

Bu1165
Bu1166

U.S. POLLUTION CONTROL, INC.

24 HR TURNAround

Send Results to → CURT Hull
5665 Flatiron Parkway
Boulder, Colorado 80301
(303) 939-5500

pg 1.

CHAIN OF CUSTODY RECORD

PROJ. NO.	PROJECT NAME
93482-600	UP-UST-Remediation

SAMPLERS: (Signature) Rodney Smith

STAT. NO.	DATE '90	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	BTEX-8020	TPH-418.1 mod.					REMARKS: Sample # – Location – depth
	11-14	3pm		✓	Sedalia - Missouri	1	✓	✓					Sed-7-1 – North – 16-0"
	"	"		✓		1	✓	✓					Sed-7-2 – East – 16-0"
	"	"		✓		1	✓	✓					Sed-7-3 – South – 16-6"
	"	"		✓		1	✓	✓					Sed-7-4 – West – 12'-0"
	11-13	3pm		✓		1	✓	✓					Sed-7-5 – Center – 15'-0"
	"			✓		1	✓	✓					Sed-7-6 – Productline – 8'-0"
	11-14	3pm		✓		1	✓	✓					Sed-7-7w – Center – 16'-0"
	11-14	3pm		✓									Sed-7-8w – Center – 16'-0"

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Rodney Smith	11-14-90 5pm				
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)	Date/Time	Remarks	
		J. Kalinowsky	11/15/90 1015	good cond 4°C see nonconformance	

Split Samples: ☐ Accepted ☐ Declined _____ Signature

Distribution: Original Accompanies Shipment, First Copy to Coordinator Field Files; Second Copy to Representative of Inspected Facility

APPENDIX C

STRAIGHT BILL OF LADING
WASTE IDENTIFICATION FORM
WASTE CERTIFICATION LETTER

STATEMENT

93482-80

Central Missouri Landfill, Inc.

Hwy. 50, West — P.O. Box 405
Sedalia, Missouri 65302

482-600

Date November 21, 1990

U S P C I
8250 S. Akron
Suite 203
Englewood, CO. 80112

TERMS: Upon Receipt of Statement

A Service Charge of 1½% per month (18%) will be charged on accounts over 30 days old.

P. O. # [redacted] 13095
Hudson Oil, Sedalia, MO

JOB# 93482(600) Please Detach Top Portion of Statement and Return With Remittance

Date	Invoice Number/Description	Charges	Credits	Balance
	Landfill charges: Balance Forward →			
11-13-90	463.60 Cu. Yds. Contaminated Soil @ 12.00 cy.	5,563.20		
11-14-90	641.40 Cu. Yds. Contaminated Soil @ 12.00 cy.	7,696.80		
11-15-90	48.90 Cu. Yds. Contaminated Soil @ 12.00 cy.	586.80		
R.R.#=20861 P.O.#= 13095		$ 13,846.80		$ 13,846.80

CENTRAL MISSOURI LANDFILL, INC.

Thank You!

Please Pay Last Amount In This Column →

1,153 Tons

86556

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0406

DATE 11-13 19 90
NAME USPCI
ADDRESS #434

Sold By	Cash	Charge	P.O. or Project #
AM		✓	Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
10.8	Uncompacted ☐ (5)	12.00	129.60
	7x14x3		
	Virgin Contaminated Soil		
	Special Handling		

Trk.# 434 TOTAL 129.60

Received By: Ron DeSong

MIDLAND PRINTING CO. - SEDALIA, MO 65301 6556 AJ

86557

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-13 19 90
NAME USPCI
ADDRESS #441

Sold By	Cash	Charge	P.O. or Project #
AM		✓	Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
10.8	Uncompacted ☐ (5)	12.00	129.60
	7x14x3		
	Virgin Contaminated Soil		
	Special Handling		

Trk.# 441 TOTAL 129.60

Received By:

MIDLAND PRINTING CO. - SEDALIA, MO 65301 6557 AJ

86563

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-13 19 90
NAME USPCI
ADDRESS

Sold By	Cash	Charge	P.O. or Project #
AM		✓	Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.8	Uncompacted ☐		152.40
	7x14x3½		
	Virgin Contaminated Soil		
	Special Handling		

Trk.# 434 TOTAL 152.40

Received By: Ron DeSong

MIDLAND PRINTING CO. - SEDALIA, MO 65301 6563 AJ

86566

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-13 19 90
NAME USPCI
ADDRESS

Sold By	Cash	Charge	P.O. or Project #
AM		✓	Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		

Trk.# 434 TOTAL 152.40

Received By: Ron DeSong

MIDLAND PRINTING CO. - SEDALIA, MO 65301 6566 AJ

1106

86568

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-13 19 90
NAME USPCI
ADDRESS

Sold By	Cash	Charge	P.O. or Project #
AM		✓	Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
10.8	Uncompacted ☐ (5)	12.00	129.60
	7x14x3		
	virgin contaminated soil		
	Special Handling		

Trk.# 209 TOTAL 129.60

Received By:

MIDLAND PRINTING CO. SEDALIA, MO 65301 6568 AJ

1113

86571

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-13 19 90
NAME USPCI
ADDRESS

Sold By	Cash	Charge	P.O. or Project #
AM		✓	

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		

Trk.# 441 TOTAL 152.40

86577

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-13 19 90
NAME USPCI
ADDRESS

Sold By	Cash	Charge	P.O. or Project #
AM		✓	Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ 5	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		

Trk.# 434 TOTAL 152.40

86578

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-13 19 90
NAME USPCI
ADDRESS

Sold By	Cash	Charge	P.O. or Project #
AM		✓	

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
10.8	Uncompacted ☐ (5)	12.00	129.60
	7x14x3		
	virgin contaminated soil		
	Special Handling		

Trk.# 209 TOTAL 129.60

86582

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-13 19 90

NAME USPC

ADDRESS

Sold By	Cash	Charge	P.O. or Project #
JM		✓	Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)		152.40
	7x14x3½	12.00	
	Virgin Contaminated		
	Special Handling		

Trk.# 441 TOTAL 152.40

Received By:

86592

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-13 19 90

NAME USPC

ADDRESS

Sold By	Cash	Charge	P.O. or Project #
JM		✓	Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		

Trk.# 434 TOTAL 152.40

Received By:

86594

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-13 19 90

NAME USPC

ADDRESS

Sold By	Cash	Charge	P.O. or Project #
JM		✓	Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		

Trk.# 441 TOTAL

Received By:

86595

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-13 19 90

NAME USPC

ADDRESS

Sold By	Cash	Charge	P.O. or Project #
JM		✓	Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		

Trk.# 446 TOTAL 152.40

Received By:

86596

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-13 19 90

NAME USPC

ADDRESS

Sold By	Cash	Charge	P.O. or Project #
JM		✓	Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		

Trk.# 453 TOTAL 152.40

Received By:

86598

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-13 19 90

NAME USPC

ADDRESS

Sold By	Cash	Charge	P.O. or Project #
JM		✓	

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
10.8	Uncompacted ☐ (5)	12.00	129.60
	7x14x3		
	virgin contaminated soil		
	Special Handling		

Trk.# 209 TOTAL 129.60

86605

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-13 19 90

NAME USPC

ADDRESS

Sold By	Cash	Charge	P.O. or Project #
JM		✓	Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		

Trk.# 434 TOTAL 152.40

86607

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-13 19 90

NAME USPC

ADDRESS

Sold By	Cash	Charge	P.O. or Project #
JM		✓	

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ 5	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		

Trk.# 441 TOTAL 152.40

Received By:

86608

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-13 19 90

NAME USPCI

ADDRESS

Sold By	Cash	Charge	P.O. or Project #
RM		✓	Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ 5	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		

Trk.# 440 TOTAL 152.40

Received By:

MIDLAND PRINTING CO. · SEDALIA, MO 65301 0589-A2

86610

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-13 19 90

NAME USPCI

ADDRESS

Sold By	Cash	Charge	P.O. or Project #
RM		✓	Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		

Trk.# 453 TOTAL 152.40

Received By:

MIDLAND PRINTING CO · SEDALIA, MO 65301 0589-A2

86613

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-13 19 90

NAME USPCI

ADDRESS

Sold By	Cash	Charge	P.O. or Project #
RM		✓	Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
10.8	Uncompacted ☐ 5	12.00	129.60
	7x14x3		
	virgin contaminated soil		
	Special Handling		

Trk.# 209 TOTAL 129.60

Received By:

MIDLAND PRINTING CO · SEDALIA, MO 65301 0589-A2

86615

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-13 19 90

NAME USPCI

ADDRESS

Sold By	Cash	Charge	P.O. or Project #
RM		✓	Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		

Trk.# 434 TOTAL 152.40

Received By:

MIDLAND Printing Co · SEDALIA, MO 65301 0589-A2

86618

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-13 19 90

NAME USPCI

ADDRESS

Sold By	Cash	Charge	P.O. or Project #
RM		✓	

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ 5	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		

Trk.# 441 TOTAL 152.40

Received By:

233 86621

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-13 19 90

NAME USPCI

ADDRESS

Sold By	Cash	Charge	P.O. or Project #
RM		✓	Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		

Trk.# 446 TOTAL 152.40

237 86625

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-13 19 90

NAME USPCI

ADDRESS

Sold By	Cash	Charge	P.O. or Project #
RM		✓	Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		

Trk.# 453 TOTAL 152.40

241 86627

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-13 19 90

NAME USPCI

ADDRESS

Sold By	Cash	Charge	P.O. or Project #
RM			

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
10.8	Uncompacted ☐ 5	12.00	129.60
	7x14x3		
	virgin contaminated soil		
	Special Handling		

Trk.# 209 TOTAL 129.60

86629

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-13 19 90

NAME USPC 2

ADDRESS

Sold By	Cash	Charge	P.O. or Project #
KM		✓	Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
2.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		

Trk.# 434 TOTAL 152.40

Received By Ron DeSong

MIDLAND PRINTING CO. · SEDALIA, MO 65301 9826-AJ

86632

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-13 19 90

NAME USPC 2

ADDRESS

Sold By	Cash	Charge	P.O. or Project #
KM		✓	Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		

Trk.# 441 TOTAL 152.40

Received By

MIDLAND PRINTING CO. · SEDALIA, MO 65301 9826-AJ

86634

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-13 19 90

NAME USPC 2

ADDRESS

Sold By	Cash	Charge	P.O. or Project #
KM		✓	Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		

Trk.# 440 TOTAL 152.40

Received By

MIDLAND PRINTING CO. · SEDALIA, MO 65301 9826-AJ

86635

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-13 19 90

NAME USPC 2

ADDRESS

Sold By	Cash	Charge	P.O. or Project #
KM		✓	Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		

Trk.# 453 TOTAL 152.40

Received By

MIDLAND PRINTING CO. · SEDALIA, MO 65301 9826-AJ

86639

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-13 19 90

NAME USPC 2

ADDRESS

Sold By	Cash	Charge	P.O. or Project #
KM		✓	Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
10.8	Uncompacted ☐ (5)	12.00	129.60
	7x14x3		
	virgin contaminated soil		
	Special Handling		

Trk.# 209 TOTAL 129.60

86643

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-13 19 90

NAME USPC 2

ADDRESS

Sold By	Cash	Charge	P.O. or Project #
KM		✓	Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		

Trk.# 434 TOTAL 152.40

86645

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-13 19 90

NAME USPC 2

ADDRESS

Sold By	Cash	Charge	P.O. or Project #
KM		✓	Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		

Trk.# 441 TOTAL 152.40

86647

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-13 19 90

NAME USPC 2

ADDRESS

Sold By	Cash	Charge	P.O. or Project #
KM		✓	Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		

Trk.# 440 TOTAL 152.40

86648

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-13 19 90

NAME USPCI

ADDRESS

Sold By	Cash	Charge	P.O. or Project #
HM		✓	Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
10.8	Uncompacted ☐ (5)	12.00	129.60
	7x14x3		
	virgin contaminated soil		
	Special Handling		

Trk.# 209 TOTAL 129.60

Received By: [signature]

86650

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-13 19 90

NAME USPCI

ADDRESS

Sold By	Cash	Charge	P.O. or Project #
HM		✓	Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		

Trk.# 434 TOTAL 152.40

Received By: Ron DeLong

86652

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-13 19 90

NAME USPCI

ADDRESS

Sold By	Cash	Charge	P.O. or Project #
HM		✓	Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		

Trk.# 441 TOTAL 152.40

Received By: [signature]

86656

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-13 19 90

NAME USPCI

ADDRESS

Sold By	Cash	Charge	P.O. or Project #
HM		✓	Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		

Trk.# 434 TOTAL 152.40

86654

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-13 19 90

NAME USPCI

ADDRESS

Sold By	Cash	Charge	P.O. or Project #
HM		✓	Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
10.8	Uncompacted ☐ (5)	12.00	129.60
	9x14x3		
	contaminated virgin soil		
	Special Handling		

Trk.# 209 TOTAL 129.60

86653

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-13 19 90

NAME USPCI

ADDRESS

Sold By	Cash	Charge	P.O. or Project #
HM		✓	Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		

Trk.# 446 TOTAL 152.40

86658

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME USPCI

ADDRESS

Sold By DM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
10.8	Uncompacted ☐ (3)	12.00	129.60
	7x14x3		
	virgin contaminated soil		
	Special Handling		

Trk.# 209 TOTAL 129.60

Received By: DK

MIDLAND PRINTING CO - SEDALIA, MO 65301

86659

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME USPCI

ADDRESS

Sold By DM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		
	Don		

Trk.# 415 TOTAL 152.40

Received By:

MIDLAND PRINTING CO - SEDALIA, MO 65301

86660

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME USPCI

ADDRESS

Sold By DM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		

Trk.# 459 Leon TOTAL 152.40

Received By:

MIDLAND PRINTING CO - SEDALIA, MO 65301

86661

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME USPCI

ADDRESS

Sold By DM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	virgin contaminated soil		
	7x14x3½		
	Special Handling		
	Mitford		

Trk.# 453 TOTAL 152.40

Received By:

MIDLAND PRINTING CO - SEDALIA, MO 65301

86662

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME USPCI

ADDRESS

Sold By DM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		

Trk.# 434 TOTAL 152.40

86664

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME USPCI

ADDRESS

Sold By DM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
10.8	Uncompacted ☐ (5)	12.00	129.60
	7x14x3		
	virgin contaminated soil		
	Special Handling		

Trk.# 209 TOTAL 129.60

86666

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME USPCI

ADDRESS

Sold By DM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		

Trk.# Dan TOTAL 152.40

86667

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME USPCI

ADDRESS

Sold By DM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
	Uncompacted ☐		
12.7	7x14x3½ 5	12.00	152.40
	virgin contaminated soil		
	Special Handling		
	Mitford		

Trk.# 453 TOTAL 152.40

86668

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME USPC 2

ADDRESS

Sold By SM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
virgin contaminated soil			
	Special Handling		

Trk.# 459 Leon TOTAL 152.40

Received By:

MIDLAND PRINTING CO - SEDALIA, MO 65301 6368 AJ

86670

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME USPC 2

ADDRESS

Sold By SM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
10.8	Uncompacted ☐ (5)	12.00	129.60
	7x14x3		
virgin contaminated soil			
	Special Handling		

Trk.# 209 TOTAL 129.60

Received By: DK

MIDLAND PRINTING CO - SEDALIA, MO 65301 6368 AJ

86672

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME USPC 2

ADDRESS

Sold By SM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
virgin contaminated soil			
	Special Handling		

Trk.# 434 TOTAL 152.40

Received By:

MIDLAND PRINTING CO - SEDALIA, MO 65301 6368 AJ

86677

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME USPC 2

ADDRESS

Sold By SM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
virgin contaminated soil			
	Special Handling		

Trk.# 415 Dan TOTAL 152.40

Received By:

MIDLAND PRINTING CO - SEDALIA, MO 65301 6368 AJ

86678

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME USPC 2

ADDRESS

Sold By SM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
virgin contaminated soil			
	Special Handling		

Trk.# 453 TOTAL 152.40

86679

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME USPC 2

ADDRESS

Sold By SM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
virgin contaminated soil			
	Special Handling		

Trk.# 459 Leon TOTAL 152.40

86682

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME USPC 2

ADDRESS

Sold By SM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
10.8	Uncompacted ☐ (5)	12.00	129.60
	7x14x3		
virgin contaminated soil			
	Special Handling		

Trk.# 209 TOTAL 129.60

86687

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME USPC 2

ADDRESS

Sold By SM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
virgin contaminated soil			
	Special Handling		

Trk.# 434 TOTAL 152.40

86688

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME USPCD

ADDRESS

Sold By HM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ 5	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		
Trk.# 415		TOTAL	152.40

Received By: _____
MIDLAND PRINTING CO. - SEDALIA, MO 65301

86689

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME USPCD

ADDRESS

Sold By HM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		
Trk.# 453		TOTAL	152.40

Received By: _____
MIDLAND PRINTING CO. - SEDALIA, MO 65301

86691

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME USPCD

ADDRESS

Sold By HM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		
Trk.# 459		TOTAL	152.40

Received By: _____
MIDLAND PRINTING CO. - SEDALIA, MO 65301

86694

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME USPCD

ADDRESS

Sold By HM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
10.8	Uncompacted ☐ (5)	12.00	129.60
	7x14x3		
	virgin contaminated soil		
	Special Handling		
Trk.# 209		TOTAL	129.60

Received By: JK
MIDLAND PRINTING CO. - SEDALIA, MO 65301

86697

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME USPCD

ADDRESS

Sold By HM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		
Trk.# 434		TOTAL	152.40

86699

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME USPCD

ADDRESS

Sold By HM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		
Trk.# 453		TOTAL	152.40

86700

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME USPCD

ADDRESS

Sold By HM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		
Trk.# 415		TOTAL	152.40

86702

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME USPCD

ADDRESS

Sold By HM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		
Trk.# 459		TOTAL	152.40

86703

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME US PC 2

ADDRESS

Sold By KM | Cash | Charge | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
10.8	Uncompacted ☐ (5)	12.00	129.60
	7x14x3		
	virgin contaminated soil		
	Special Handling		

Trk.# 209 TOTAL 129.60

Received By: [signature]

MIDLAND PRINTING CO - SEDALIA MO 65301 8558-A2

86707

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME US PC 2

ADDRESS

Sold By KM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		

Trk.# 434 TOTAL 152.40

Received By: [signature]

MIDLAND PRINTING CO - SEDALIA MO 65301 8558-A2

86711

CENTRAL MISSOURI LANOFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME US PC 2

ADDRESS

Sold By KM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		

Trk.# 415 Dan TOTAL 152.40

Received By: [signature]

MIDLAND PRINTING CO - SEDALIA MO 65301 8558-A2

86712

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME US PC 2

ADDRESS

Sold By KM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		

Trk.# 453 TOTAL 152.40

Received By: [signature]

MIDLAND PRINTING CO - SEDALIA MO 65301 8558-A2

86715

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME US PC 2

ADDRESS

Sold By KM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		

Trk.# 459 Leon TOTAL 152.40

86717

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME US PC 2

ADDRESS

Sold By KM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
10.8	Uncompacted ☐ (5)	12.00	129.60
	7x14x3		
	virgin contaminated soil		
	Special Handling		

Trk.# 209 TOTAL 129.60

86719

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME US PC 2

ADDRESS

Sold By KM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		

Trk.# 434 TOTAL 152.40

86727

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME US PC 2

ADDRESS

Sold By KM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		

Trk.# 453 TOTAL 152.40

86731

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME USPCI

ADDRESS

Sold By HM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		

Trk.# 459 Leon

TOTAL 152.40

Received By:

MIDLAND PRINTING CO. · SEDALIA MO 65301 · 8656-A3

86733

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME USPCI

ADDRESS

Sold By HM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		

Trk.# 415 Dan

TOTAL 152.40

Received By:

MIDLAND PRINTING CO · SEDALIA MO 65301 · 8656-A3

86734

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME USPCI

ADDRESS

Sold By HM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		

Trk.# 434

TOTAL 152.40

Received By: Ron DeSong

MIDLAND PRINTING CO · SEDALIA MO 65301 · 8656-A3

86739

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME USPCI

ADDRESS

Sold By HM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
10.8	Uncompacted ☐ (5)	12.00	129.60
	7x14x3		
	virgin contaminated soil		
	Special Handling		

Trk.# 209

TOTAL 129.60

Received By: DK

MIDLAND PRINTING CO · SEDALIA MO 65301 · 8656-A3

86741

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME USPCI

ADDRESS

Sold By HM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		

Trk.# 453 Mitford

TOTAL 152.40

Received By:

86743

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME USPCI

ADDRESS

Sold By HM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		

Trk.# 459 Leon

TOTAL 152.40

86745

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME USPCI

ADDRESS

Sold By HM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		

Trk.# 415 Dan

TOTAL 152.40

86747

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME USPCI

ADDRESS

Sold By HM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		

Trk.# 434

TOTAL 152.40

	7x14x3½ virgin contaminated soil			
	Special Handling			
			TOTAL	152 40

Trk.# 459 Dan

			TOTAL	152 40

Trk.# 415 Dan

86751

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME U S P C D

ADDRESS

Sold By DM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
10.8	Uncompacted ☐ (5)	12 00	129 60
	7x14x3		
	virgin contaminated soil		
	Special Handling		
Trk.# 209		TOTAL	129 60

Received By: DK

MIDLAND PRINTING CO · SEDALIA, MO 65301 · 6936-A2

86755

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME U S P C D

ADDRESS

Sold By DM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12 00	152 40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		
	Milford		
Trk.# 453		TOTAL	152 40

Received By:

MIDLAND PRINTING CO · SEDALIA, MO 65301 · 6936-A2

86759

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME U S P C D

ADDRESS

Sold By DM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ 5	12 00	152 40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		
Trk.# 459 Dan		TOTAL	152 40

Received By:

MIDLAND PRINTING CO · SEDALIA, MO 65301 · 6936-A2

86760

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME U S P C D

ADDRESS

Sold By DM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ 5	12 00	152 40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		
Trk.# 415 Dan		TOTAL	152 40

Received By:

MIDLAND PRINTING CO · SEDALIA, MO 65301 · 6936-A2

86761

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME U S P C D

ADDRESS

Sold By DM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12 00	152 40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		
Trk.# 434		TOTAL	152 40

86766

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME U S P C D

ADDRESS

Sold By DM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
10.8	Uncompacted ☐ (5)	12 00	129 60
	7x14x3		
	virgin contaminated soil		
	Special Handling		
Trk.# 209		TOTAL	129 60

86768

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME U S P C D

ADDRESS

Sold By DM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ 5	12 00	152 40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		
Trk.# 1100		TOTAL	

86769

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-14 19 90

NAME U S P C D

ADDRESS

Sold By DM | Cash | Charge ✓ | P.O. or Project # Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ 5	12 00	152 40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		
Trk.# 415 Dan		TOTAL	152 40

86782

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-15 19 90

NAME USPCI

ADDRESS

Sold By	Cash	Charge	P.O. or Project #
DM		✓	Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		

Trk.# 459 Leon

TOTAL 152.40

Received By:

MIDLAND PRINTING CO. - SEDALIA, MO 65301 8826-XJ

86783

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-15 19 90

NAME USPCI

ADDRESS

Sold By	Cash	Charge	P.O. or Project #
DM		✓	Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
10.8	Uncompacted ☐ (5)	12.00	129.60
	7x14x3		
	virgin contaminated soil		
	Special Handling		

Trk.# 209

TOTAL 129.60

Received By: Lee Smith

MIDLAND PRINTING CO - SEDALIA, MO 65301 8826-XJ

86784

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-15 19 90

NAME USPCI

ADDRESS

Sold By	Cash	Charge	P.O. or Project #
DM		✓	Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	virgin contaminated soil		
	Special Handling		

Trk.# 415 Dan

TOTAL 152.40

86788

CENTRAL MISSOURI LANDFILL, INC.
Hwy. 50 West, P. O. Box 405
Sedalia, MO 65302-0405

DATE 11-15 19 90

NAME

ADDRESS USPCI

Sold By	Cash	Charge	P.O. or Project #
DM		✓	Hudson Oil

Qty.	Description	Rate	Amount
	Landfill		
	Compacted ☐		
12.7	Uncompacted ☐ (5)	12.00	152.40
	7x14x3½		
	contaminated soil		
	Special Handling		

Trk.# 459

TOTAL 152.40

Disposal Of Soil Contaminated With Virgin Gasoline Or Virgin Fuel Oil

SECTION I - GENERAL INFORMATION (To be completed by the generator and Landfill operator)

	Sanitary Landfill	Waste Generator
Name	Central Missouri Landfill	Union Pacific Railroad
Address	P. O. Box 405	1416 Dodge St Rm 930
City, State and Zip	Sedalia, MO 65301	Omaha, NE 68179
Telephone No.	(816) 826-7771	(402) 271-3031
Permit No.	115905	N/A
Contact Person	Darlene Keele or Eddis Wise	Roger Fitch

SECTION II - WASTE IDENTIFICATION (To be completed by the generator)

1. Description of generation process: leaking UST.
2. Circle source of contamination: (virgin gasoline)/virgin fuel oil (specify grade) REG
3. Location of spill/tank: 651 + 635 E. Broadway
   Sedalia, MO 65301
4. Quantity of waste (cubic yards): 700+ Yd^3

SECTION III - CERTIFICATION (To be completed by generator and sanitary landfill operator)

Date of disposal: _____

Signature of landfill operator or authorized representative

Print name/title _____

I, the undersigned, certify that the waste named herein, to the best of my knowledge, is soil contaminated solely with virgin gasoline or virgin fuel oil as specified above, that the soil contains no free liquid (passed the paint filter test) and that the information supplied by me is correct.

C. G. Hull Program Manager

Signature of waste generator or (authorized representative)

Print name/title Curtis G. Hull Program Manager Date 11/13/90

USPCI

Additional Comments: _____

USPCI
A Subsidiary of Union Pacific Corporation

Remedial Services

November 13, 1990

Ed Wise
Hwy 50 West
P.O. Box 1584
Sedalia, MO 65301

RE: Union Pacific Railroad's Old Hudson Station Site
651 & 635 East Broadway
Sedalia, MO 65301

Dear Sirs:

USPCI, as the authorized representative for the Union Pacific Railroad, provides this written certification concerning the waste from the above referenced site. The waste consists of soil contaminated with virgin gasoline and contains no free liquid. This waste was generated by spills or leaks from underground storage tanks at the referenced site. The Missouri Department of Natural Resources, Laboratory Services Program has been notified of the release and has given USPCI's plan for remediation verbal approval.

If you have any questions or need any additional information, please call me at 303-938-5569.

Sincerely,

Curt Hull
Program Manager
Environmental Assessments

cc: J.A. Yellich
Steve Beck
Glenn Thomas
Roger Fitch

5665 Flatiron Parkway • Boulder, Colorado 80301 • 303/938-5500 • Fax 303/938-5520

STATE OF MISSOURI Mel Carnahan, Governor • David A. Shorr, Director
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL QUALITY
P.O. Box 176 Jefferson City, MO 65102-0176

March 13, 1995

ESP FILE NO.
LU#1999

Mr. Jim Gorley
Union Pacific Railroad
416 Dodge Street
Omaha, NE 68179

Dear Mr. Gorley:

RE: Union Pacific Railroad, 651 E. Broadway, Sedalia, MO

The Leaking Underground Storage Tank (LUST) Unit of the Missouri Department of Natural Resources has received and reviewed the February 3, 1995, USPCI Supplemental Site Characterization and Feasibility Report for the above referenced site. The LUST Unit approves of the proposed remediation excavation plan.

This Unit looks forward to receiving the final remediation report and first quarter groundwater monitoring results as soon as possible. Upon review of the forthcoming report, further groundwater investigation may be required.

If you have any questions, please do not hesitate to contact Jeff Morris at the Leaking Underground Storage Tank Unit at 314/526-6023 or 314/526-3352.

Very truly yours,

DIVISION OF ENVIRONMENTAL QUALITY

Alan Reinkemeyer
Supervisor
Leaking Underground Storage Tank Unit
Environmental Services Program

AR:jmj

c: Bruce Travis, Environmental Specialist, Jefferson City Regional Office
Mr. Bruce Zuccaro, USPCI, 5665 Flatiron Parkway, Boulder, CO 80301

RECYCLED PAPER

Mel Carnahan, Governor • Stephen M. Mahfood, Director
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL QUALITY
P.O. Box 176 Jefferson City, MO 65102-0176

J.D M.

AUG 3 1999

July 21, 1999

Mr. Jim Gorley
Union Pacific Railroad
416 Dodge Street
Omaha, NE 68179

RE: Union Pacific Railroad, 651 E. Broadway, Sedalia, MO - R0001999

Dear Mr. Gorley:

The Tanks Section of the Hazardous Waste Program has reviewed its underground storage tank files for the site referenced above. Our files indicate that on March 13, 1995, we approved a corrective action plan to address soil and groundwater contamination at this site. The corrective action plan called for the excavation of impacted soils, and for the implementation of a one-year groundwater monitoring program following completion of the excavation activities. Our files further indicate that the excavation activities were to have been performed in January 1996. To date, however, the department has not yet received any reports on the corrective actions implemented.

Within 30 days of receipt of this letter, please submit a project status report indicating what remedial actions have been performed, and the results of any recent groundwater monitoring activities. Your attention to this matter is appreciated.

Please direct questions regarding the Petroleum Storage Tank Insurance Fund to the Fund Administrator at (573) 761-4060 or (800) 765-2765.

If you have any questions regarding this letter, or technical aspects of the work, you may contact Ms. Valerie Garrett of my staff at (573) 751-6822.

Sincerely,

HAZARDOUS WASTE PROGRAM

Jim Growney, Chief
Remediation Unit

JG:vgl

c: Mr. David Dowdy, Jefferson City Regional Office
Mr. David Pate, Williams and Company

Recycled Paper

JOHN ASHCROFT
Governor

G. TRACY MEHAN III
Director



STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL QUALITY
P.O. Box 176
Jefferson City, MO 65102

Division of Energy
Division of Environmental Quality
Division of Geology and Land Survey
Division of Management Services
Divisionof Parks, Recreation,
and Historic Preservation

November 18, 1991

Mr. Bruce Zuccaro
USPCI
5665 Flatiron Parkway
Boulder, CO 80301

RE: Union Pacific Railroad UST Site, 651 & 635 E. Broadway, Sedalia, MO, ESP #LU1999

Dear Mr. Zuccaro:

The Missouri Department of Natural Resources (MDNR) would appreciate an update for the above referenced site. Please submit a project status report within 30 days of receipt of this letter.

If you have any questions, please do not hesitate to call Greg Bennett at our department at 314/526-3352.

Very truly yours,

DIVISION OF ENVIRONMENTAL QUALITY

Larry P. Coen, CHMM
Supervisor
Leaking Underground Storage Tank Unit
Environmental Services Program

LPC:jlh

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JOHN ASHCROFT
Governor

Ron Kucera
Acting Director

STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL QUALITY
P.O. Box 176 Jefferson City, MO 65102

July 30, 1992

Mr. Curt Hull
USPCI
5665 Flatiron Parkway
Boulder, CO 80301

605

Dear Mr. Hull:

RE: Union Pacific Railroad, 651 East Broadway, Sedalia, MO, ESP #LU1999

The Missouri Department of Natural Resources (MDNR) would appreciate an update for the above referenced site. Please submit a project status report within 30 days of receipt of this letter.

In the Site Assessment Report of February 27, 1992, BTEX and TPH groundwater contamination in MW-2 and MW-3 was reported to be upgradient of the former underground storage tank (UST) pit. MW-2 has excessive benzene, xylenes, and TPH.

These analytical results do warrant further investigation and subsequently, a corrective action plan. MDNR does approve of the recommendations made in the report. In addition to recommendations, MDNR would like the following information:

1. A detailed upgradient map which would show any other petroleum systems;
2. A site map which includes all utilities within 100 feet of the former UST excavation;
3. Photos of excavation and former UST, if available;
4. The latitude and longitude of the site; and,
5. The amount and method of disposal for sludges found in the UST, if any.

If you have any questions, please do not hesitate to call Anita Smith at our department at 314/526-3352.

Very truly yours,

DIVISION OF ENVIRONMENTAL QUALITY

Larry P. Coen, CHMM
Supervisor
Leaking Underground Storage Tank Unit
Environmental Services Program

LPC:jlh

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JOHN ASHCROFT
Governor

RON KUCERA
Acting Director

STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL QUALITY
P.O. Box 176 Jefferson City, MO 65102

October 5, 1992

Mr. Curt Hull
USPCI
5665 Flatiron Parkway
Boulder, CO 80301

Dear Mr. Hull:

RE: Union Pacific Railroad, 651 East Broadway, Sedalia, MO, ESP #LU1999
Update Letter Dated September 15, 1992

The Missouri Department of Natural Resources has received and reviewed the above referenced letter and agrees that a more extensive site characterization is needed at this site.

If you have any questions, please do not hesitate to contact Greg Bennett at the Leaking Underground Storage Tank Unit at 314/526-3352.

Very truly yours,

DIVISION OF ENVIRONMENTAL QUALITY

Larry P. Coen, CHMM, CPG
Supervisor
Leaking Underground Storage Tank Unit
Environmental Services Program

LPC:jlh

Missouri State Parks 75th Anniversary
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STATE OF MISSOURI
Mel Carnahan, Governor • David A. Shorr, Director
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL QUALITY
P.O. Box 176 Jefferson City, MO 65102-0176

June 8, 1993

ESP FILE NO.
#LU1999

Mr. Curt Hull
USPCI
5665 Flatiron Parkway
Boulder, CO 80301

Dear Mr. Hull:

RE: Union Pacific Railroad, 651 East Broadway, Sedalia, MO
Work Plan of April 30, 1993

The Missouri Department of Natural Resources has received and reviewed the above referenced document. The Leaking Underground Storage Tank Unit approves of the proposed plan to further define the extent of groundwater contamination. Please include, in the supplemental site characterization report, the baseline soil sample results for the bore cuttings landfarm.

In Missouri, a permit is required for almost every activity that can have an impact on the environment or the health of the state's citizens. Most activities associated with the remediation of leaking underground storage tanks may require at least one of the following permits: Air Pollution Permit (on-site treatment), Hazardous Waste Permit and Manifests (tank contents), Solid Waste Permit (waste oil), or Water Pollution (NPDES) Permit (for any site excavation or treatment). Before issuance of final closure, evidence must be presented that appropriate permits have either been issued or waived. Evidence may consist of a copy of the permit, a copy of the permit application, or a copy of the waiver letter. Permits may be obtained at the appropriate MDNR Regional Office. Please refer to the enclosed map for specific addresses and telephone numbers. If you have any questions concerning Water Pollution Permits, please refer to the enclosed Technical Bulletin "Water Pollution Control Permits for Fuel Spill Cleanups." If you have any questions about other permit issues, please call the appropriate regional office staff as shown on the enclosed regional office map.

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If you have any questions, please do not hesitate to contact Anita Schroeter at our department at 314/526-3352.

Very truly yours,

DIVISION OF ENVIRONMENTAL QUALITY

Larry P. Coen, CHMM, CPG
Supervisor
Leaking Underground Storage Tank Unit
Environmental Services Program

LPC:jlh

Enclosures

c: Paul Jeffery, Environmental Specialist, Jefferson City Regional Office

STATE OF MISSOURI
Mel Carnahan, Governor • Stephen M. Mahfood, Director
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL QUALITY
P.O. Box 176 Jefferson City, MO 65102-0176

September 27, 1999

Mr. Jim Gorley
Union Pacific Railroad
416 Dodge Street
Omaha, NE 68179

RE: Union Pacific Railroad, 651 E. Broadway, Sedalia, MO - R0001999

Dear Mr. Gorley:

The Tanks Section of the Hazardous Waste Program has received and reviewed the report submitted on September 7, 1999, regarding the corrective action and groundwater monitoring activities performed at the site referenced above. The analytical data provided in this report indicates that the excavation of the impacted soils has been completed. The data further indicates that the groundwater at this site no longer exceeds our cleanup levels. Therefore, no further remediation or monitoring of the soil or groundwater will be required. The monitoring wells should be closed in accordance with our well construction and abandonment regulations. Upon receipt of notification that this has been completed, we will proceed with the issuance of a closure letter for this site.

Please direct questions regarding the Petroleum Storage Tank Insurance Fund to the Fund Administrator at (573) 761-4060 or (800) 765-2765.

If you have any questions regarding technical aspects of the work, please contact Ms. Valerie Garrett of my staff at (573) 751-6822.

Sincerely,

HAZARDOUS WASTE PROGRAM

Jim Growney, Chief
Remediation Unit

JG:vgl

c: Mr. David Pate, Williams & Company
Mr. Kenneth Rose, Environmental Decision Group, Inc.
Mr. Jim Wells, Jefferson City Regional Office

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Mel Carnahan, Governor • David A. Shorr, Director
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL QUALITY
P.O. Box 176 Jefferson City, MO 65102-0176

June 20, 1996

Mr. Jim Gorley
Union Pacific Railroad
416 Dodge Street
Omaha, NE 68179

RE: Union Pacific Railroad, 651 E. Broadway, Sedalia, MO
LU#1999

Dear Mr. Gorley:

The Leaking Underground Storage Tank (LUST) Unit of the Missouri Department of Natural Resources has received and reviewed the USPCI Underground Storage Tank Closure Report, Part A & B, on the above referenced site. Please submit a project report on the current status of the corrective action plan.

If you have any questions, please do not hesitate to contact Mr. Dave Bellamy at the LUST Unit at 573/751-6822.

Sincerely,

HAZARDOUS WASTE PROGRAM

Jim Growney
Unit Chief
Leaking Underground Storage Tank Unit

JG:dbj

c: Ms. Carol Eighmey, Williams & Company
Mr. Bruce Travis, Environmental Specialist, Jefferson City Regional Office
Mr. Bruce Zuccaro, USPCI

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STATE OF MISSOURI
Mel Carnahan, Governor • David A. Shorr, Director
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL QUALITY
P.O. Box 176 Jefferson City, MO 65102-0176

October 25, 1995

HWP FILE NO.
LU#1999

Mr. Jim Gorley
Union Pacific Railroad
416 Dodge Street
Omaha, NE 68179

Dear Mr. Gorley:

RE: Union Pacific Railroad, 651 E. Broadway, Sedalia, MO

The Missouri Department of Natural Resources would appreciate an update for the above referenced site. Please submit a project status report within 30 days of receipt of this letter.

If you have any questions, please do not hesitate to call Jeff Morris at our department at 314/526-6023.

Very truly yours,

DIVISION OF ENVIRONMENTAL QUALITY

Jim Harris for

Alan Reinkemeyer
Supervisor
Leaking Underground Storage Tank Unit
Hazardous Waste Program

AR:jmj

c: Bruce Travis, Environmental Specialist, Jefferson City Regional Office
Mr. Bruce Zuccaro, USPCI, 5665 Flatiron Parkway, Boulder, CO 80301

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STATE OF MISSOURI
Mel Carnahan, Governor • David A. Shorr, Director
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL QUALITY
P.O. Box 176 Jefferson City, MO 65102-0176

March 13, 1995

ESP FILE NO.
LU#1999

Mr. Jim Gorley
Union Pacific Railroad
416 Dodge Street
Omaha, NE 68179

Dear Mr. Gorley:

RE: Union Pacific Railroad, 651 E. Broadway, Sedalia, MO

The Leaking Underground Storage Tank (LUST) Unit of the Missouri Department of Natural Resources has received and reviewed the February 3, 1995, USPCI Supplemental Site Characterization and Feasibility Report for the above referenced site. The LUST Unit approves of the proposed remediation excavation plan.

This Unit looks forward to receiving the final remediation report and first quarter groundwater monitoring results as soon as possible. Upon review of the forthcoming report, further groundwater investigation may be required.

If you have any questions, please do not hesitate to contact Jeff Morris at the Leaking Underground Storage Tank Unit at 314/526-6023 or 314/526-3352.

Very truly yours,

DIVISION OF ENVIRONMENTAL QUALITY

Alan Reinkemeyer
Supervisor
Leaking Underground Storage Tank Unit
Environmental Services Program

AR:jmj

c: Bruce Travis, Environmental Specialist, Jefferson City Regional Office
Mr. Bruce Zuccaro, USPCI, 3663 Flatiron Parkway, Boulder, CO 80301

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STATE OF MISSOURI
Mel Carnahan, Governor • David A. Shorr, Director
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL QUALITY
P.O. Box 176 Jefferson City, MO 65102-0176

June 8, 1993

ESP FILE NO.
#LU1999

Mr. Curt Hull
USPCI
5665 Flatiron Parkway
Boulder, CO 80301

Dear Mr. Hull:

RE: Union Pacific Railroad, 651 East Broadway, Sedalia, MO
Work Plan of April 30, 1993

The Missouri Department of Natural Resources has received and reviewed the above referenced document. The Leaking Underground Storage Tank Unit approves of the proposed plan to further define the extent of groundwater contamination. Please include, in the supplemental site characterization report, the baseline soil sample results for the bore cuttings landfarm.

In Missouri, a permit is required for almost every activity that can have an impact on the environment or the health of the state's citizens. Most activities associated with the remediation of leaking underground storage tanks may require at least one of the following permits: Air Pollution Permit (on-site treatment), Hazardous Waste Permit and Manifests (tank contents), Solid Waste Permit (waste oil), or Water Pollution (NPDES) Permit (for any site excavation or treatment). Before issuance of final closure, evidence must be presented that appropriate permits have either been issued or waived. Evidence may consist of a copy of the permit, a copy of the permit application, or a copy of the waiver letter. Permits may be obtained at the appropriate MDNR Regional Office. Please refer to the enclosed map for specific addresses and telephone numbers. If you have any questions concerning Water Pollution Permits, please refer to the enclosed Technical Bulletin "Water Pollution Control Permits for Fuel Spill Cleanups." If you have any questions about other permit issues, please call the appropriate regional office staff as shown on the enclosed regional office map.

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If you have any questions, please do not hesitate to contact Anita Schroeter at our department at 314/526-3352.

Very truly yours,

DIVISION OF ENVIRONMENTAL QUALITY

Larry F. Coen, CHMM, CPG
Supervisor
Leaking Underground Storage Tank Unit
Environmental Services Program

LPC:jlh

Enclosures

c: Paul Jeffery, Environmental Specialist, Jefferson City Regional Office

JOHN ASHCROFT
Governor

Ron Kucera
Acting Director

STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL QUALITY
P.O. Box 176 Jefferson City, MO 65102

July 30, 1992

Mr. Curt Hull
USPCI
5665 Flatiron Parkway
Boulder, CO 80301

Dear Mr. Hull:

RE: Union Pacific Railroad, 651 East Broadway, Sedalia, MO, ESP #LU1999

The Missouri Department of Natural Resources (MDNR) would appreciate an update for the above referenced site. Please submit a project status report within 30 days of receipt of this letter.

In the Site Assessment Report of February 27, 1992, BTEX and TPH groundwater contamination in MW-2 and MW-3 was reported to be upgradient of the former underground storage tank (UST) pit. MW-2 has excessive benzene, xylenes, and TPH.

These analytical results do warrant further investigation and, subsequently, a corrective action plan. MDNR does approve of the recommendations made in the report. In addition to recommendations, MDNR would like the following information:

1. A detailed upgradient map which would show any other petroleum systems;
2. A site map which includes all utilities within 100 feet of the former UST excavation;
3. Photos of excavation and former UST, if available;
4. The latitude and longitude of the site; and,
5. The amount and method of disposal for sludges found in the UST, if any.

If you have any questions, please do not hesitate to call Anita Smith at our department at 314/526-3352.

Very truly yours,

DIVISION OF ENVIRONMENTAL QUALITY

Larry P. Coen, CHMM
Supervisor
Leaking Underground Storage Tank Unit
Environmental Services Program

LPC:jlh

Missouri State Parks 75th Anniversary
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Mel Carnahan, Governor • Stephen M. Mahfood, Director
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL QUALITY
P.O. Box 176 Jefferson City, MO 65102-0176

November 18, 1999

Mr. Jeff McDermott
Union Pacific Railroad
416 Dodge Street, Room 930
Omaha, NE 68179

RE: Union Pacific Railroad, 651 E. Broadway, Sedalia, MO - R0001999
Incident Closure

Dear Mr. McDermott:

The Tanks Section of the Hazardous Waste Program has received and reviewed the well closure documentation submitted on November 10, 1999, for the site referenced above. The closure of these wells satisfies our remediation requirements for this site.

Based upon a review of the analytical data and other information submitted, the department finds that no additional investigation or remedial action is currently required with regard to these petroleum substances. However, the department's finding is based solely on the information contained in these reports, and this finding does not constitute a certification or guarantee of the quality of the remedial action conducted or with regard to the lack of contamination on the property.

In the event a future petroleum-related environmental problem arises in the vicinity of this property, the department reserves the right to require responsible parties to conduct additional investigation and/or remedial actions.

If you have any questions regarding technical aspects of the work, please contact Ms. Valerie Garrett of my staff at (573) 751-6822.

Sincerely,

HAZARDOUS WASTE PROGRAM

Jim Growney, Chief
Remediation Unit

JG:vgl

c: Mr. David Pate, Williams & Company
Mr. Kenneth Rose, Environmental Decision Group, Inc.
Mr. Jim Wells, Jefferson City Regional Office

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13202 West 98th Street Lenexa, Kansas 66215

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DEC 08 2008
Hazardous Waste Program
MO Dept. of Natural Resources

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Old Sutherland Lumber
East Broadway
Sedalia, Missouri 65301

Terranext Project No. 17102589

Prepared For:

Missouri Department of Natural Resources
Brownfields/Voluntary Cleanup Program
PO Box 176
Jefferson City, Missouri 65101

Prepared By:

Terranext, LLC
13202 West 98th Street
Lenexa, Missouri 66215

December 5, 2008

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Terranext recommends a limited Phase II investigation to determine if historic land use at the Subject Property may have caused environmental impacts.

1.0 INTRODUCTION

1.1 Purpose

The purpose of a Phase I ESA is to research and compile readily available information and data related to existing and historical land use at the Subject Property and surrounding property so the uncertainties associated with environmental impacts to the Subject Property can be minimized and/or identified prior to redevelopment.

1.2 Scope of Services

Ms. Christine O'Keefe, Missouri Department of Natural Resources (MDNR) Project Manager, and Mr. Rick Harris, Union Pacific Railroad Company Real Estate Manager, authorized Terranext to perform this Phase I ESA, which included the following scope of work:

Phase I

- A field reconnaissance to photograph and document existing conditions on the Subject Property and properties adjacent to the Subject Property for evidence of potential impacts;
- Interviews with individuals knowledgeable of the Subject Property and/or surrounding properties;
- Review of available Subject Property ownership records;
- Review of specific environmental regulatory databases and other listings;
- Review of available historical Sanborn Maps®, aerial photographs, topographic maps, city street directories, and/or other historical records;
- Review of published literature concerning site area geology, soils, and hydrology.
- Completion of the Phase I ESA in compliance with the American Society for Testing and Materials (ASTM) E 1527-05 Standard and Environmental Protection Agency (EPA) All Appropriate Inquiry (AAI) regulation.

The Phase I ESA did not include the following non-scope considerations (not intended to be an all-inclusive list):

- Asbestos-containing building materials (ACBM) Survey;
- Lead-based paint (LBP) Survey;
- Mold;
- Air quality (indoor or outdoor), including radon;
- Cultural, historic, and/or ecological resources;
- Endangered species;
- Wetlands;
- Drinking water quality;
- Biological agents;
- Regulatory compliance; and
- Testing or sampling of any media on the Subject Property or surrounding properties, including (but not limited to) soil, ground water, surface water, air, and building materials.

1.1 Significant Assumptions

Terranext utilized Environmental Data Resources (EDR) to obtain a listing of available federal and state database records, aerial photographs, and Sanborn® fire insurance maps of the Subject Property. Although Terranext researched these documents to the extent available, additional documents may exist that Terranext did not review.

Results of the Phase I ESA are based upon information obtained by Terranext during the field reconnaissance, interviews, historical research, and database search results. The information obtained is assumed to be from reliable sources; however, Terranext was not retained to verify publicly-available information. Therefore, Terranext assumes no responsibility or liability for errors in the public data utilized, statements from sources outside Terranext, or developments resulting from situations outside the scope of this project. In addition, Terranext

assumes no responsibility for conditions not readily apparent or identifiable at the site during the field reconnaissance.

1.2 Limitations and Exceptions

The Phase I ESA was not intended to represent an exhaustive research of all potential hazards which may exist at the Subject Property or adjacent properties. All conclusions are based on available and readily obtainable information, and are not to be considered scientific certainties but opinion-based on professional judgment of the significance of the data gathered during the course of the ESA.

Specifically, Terranext does not and cannot represent that the Subject Property contains no hazardous or toxic materials or other latent conditions beyond those observed by Terranext during its site assessment. In addition, this report does not purport to be representative of future site conditions or events. Situations or activities which occur after this assessment that result in environmental impairment are not relevant to this assessment.

1.3 Special Terms and Conditions

The terms and conditions of this report are governed by the Missouri Environmental Assessment Contract No. C306086002. Terranext adhered to Union Pacific Railroad Company's Right of Entree Agreement. No additional terms and conditions were developed for completion of this Phase I and II ESA.

1.4 User Reliance

This report has been prepared for the exclusive use and reliance of the MDNR and the Union Pacific Railroad Company, its lenders, and other authorized agents. Use or reliance by any other party without the written authorization of the above parties is prohibited.

2.0 SUBJECT PROPERTY

2.1 Description of Subject Property

2.1.1 Location and Legal Description

The Old Sutherlands Lumber site is not located at 300 East Broadway Sedalia, Missouri, as stated in the Brownfield application. According to Mr. Keith Riesberg, City of Sedalia Administrator, several addresses are associated with the site including: 637 East Broadway, 641 East Broadway, 601 East Broadway, and East Broadway. The Subject Property is comprised of three parcels of land located north of Broadway Boulevard, east of Lafayette Avenue, and west of south Hancock Avenue (Figure 1). The legal description is included on the preliminary survey report included in Appendix 5.

2.1.2 Subject Property and Vicinity Characteristics

The Subject Property is located in an area of flat grassy terrain surrounded by primarily residential and commercial properties (Figure 2). The Subject Property does slope down abruptly towards the south and Broadway Boulevard (Highway 50) and contains some areas of crushed stone, asphalt and concrete surface covering.

2.2 Current Use of the Subject Property

The Subject Property is currently vacant and has native grass, crushed stone, asphalt and concrete as surface covering. Footprints of the demolished Old Sutherlands Lumber sales building and lumber warehouses are visible. Photographs of the Subject Property are included in Appendix 9.

2.3 Structures and Improvements on Subject Property

There are no structures currently on the Subject Property.

2.4 Current Use of Adjoining Properties

The current uses of the properties adjacent to the Subject Property are as follows:

North:	Katy Trail State Park and historic train depot
South:	Broadway Boulevard (Highway 50) and residential
East:	commercial (Medicine Store, dentist, Family Dollar, Sure Coat powder coating and automotive painting, City of Sedalia Fire Department)
West	residential

3.0 USER-PROVIDED INFORMATION

3.1 Title Records

Terranext requested a deed from the City of Sedalia, who performed a title search but has yet to receive the document.

3.2 Environmental Liens or Activity and Use Limitations (AULs)

No environmental liens or AULs have been found associated for the Subject Property.

3.3 Historical Environmental Reports or Permits

Mr. Rick Harris, Real Estate Manager for Union Pacific Railroad, stated that two USTs were removed from the southeast portion of the Subject Property (LSP LU #1999) in 1990. Along with the removal of the USTs 1,731 tons of petroleum impacted soil was excavated and properly disposed. An initial site assessment was conducted at the site in June 1991. An initial closure report dated May 3, 1991 was submitted to MDNR; however, analytical data indicated groundwater impacts at the site. MDNR requested a monitoring well be installed at the site in a letter dated May 17, 1991. Periodic ground water monitoring activities were initiated at the site in March 1992 and a supplemental site assessment was conducted in May 1994. In May 1998 additional excavation activities were performed at the site and approximately 1,817 tons of impacted soil was removed and disposed. The main excavation area was immediately adjacent to, and south of, the initial soil excavation that was performed in November 1990. Groundwater samples were collected in October 1998 and April 1999 and ground water quality results were below the MDNR LUST Non-Potable Groundwater Cleanup Levels (MDNR, March 1996). A resulting Corrective Action and Groundwater Monitoring Report dated September 7, 1999 was submitted to MDNR and is included in Appendix 4. This report indicates four monitoring wells remaining on-site. Terranext observed one monitoring well on

the Subject Property during the field reconnaissance and a picture is included in Appendix 9. The November 18, 1999 MDNR closure letter regarding the UST removal, as well as a MDNR letter dated November 8, 1999 regarding identification numbers of the site are also included in Appendix 4.

3.4 Property Value Estimation

The City of Sedalia plans to redevelop the Subject Property as a community center or mixed use development; however, no sales or lease prices have been made available.

4.0 RECORDS REVIEW

4.1 Standard Environmental Record Sources

Terranext reviewed federal and state environmental regulatory records to determine the environmental regulatory status of facilities identified within specific distances of the Subject Property. The databases reviewed and search distances for each database are designated by the ASTM Standard Practice E 1527-05. Terranext utilized EDR to obtain a listing of available federal and state records. A copy of the EDR report is included in Appendix 3. Databases searched and the search distances for each database are as follows:

Database	Description	Search Radius (miles)
Federal Databases		
NPL	National Priority List	1.0
Delisted NPL	NPL Deletions	0.5
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System	0.5
CERC-NFRAP	CERCLIS - No Further Remedial Action Planned	0.5
CORRACTS	Corrective Action Report	1.0
RCRIS-TSD	Resource Conservation and Recovery Information System – Treatment, Storage, and Disposal Facilities	0.5
RCRA-LGG/SQG	Resource Conservation and Recovery Act – Large/Small Quantity Generator	0.25
Institutional/ Engineering Controls	Restrictions placed on ground water, construction, and/or property use.	TP
ERNS	Emergency Response Notification System	TP
State/Tribal Databases		
SHWS	State Hazardous Waste Sites (Promulgated Sites) – State/Tribal equivalent to NPL and/or CERCLIS	1.0
SWF/LF	Solid Waste Facilities/Landfill	0.5
LUST/LAST	Leaking Underground/Aboveground Storage Tank Sites	0.5
UST/AST	Registered Underground/Aboveground Storage Sites	0.25
Institutional/ Engineering Controls	Restrictions placed on ground water, construction, and/or property use.	TP
VCP	Voluntary Cleanup Program	0.5
Brownfields	Targeted Brownfield Assessment sites	0.5
NOTES: TP – Target Property		

- **Salty's (Subject Property ?)**, located at 641 E Broadway, was identified as an UST facility in the EDR Report. Two USTs were reportedly removed and a No Further Action (NFA) letter was produced December 1, 1989.
- **Union Pacific Railroad (Subject Property)**, located at 651 E Broadway, was identified as LUST and UST facility in the EDR Report. The USTs were removed in November 1990 in addition to impacted soil. A NFA letter was produced November 18, 1999. A copy of the NFA letter and Closure Report is included in Appendix 4.
- **Missouri Public Service**, located at the intersection of Ingram and 9th Street, was identified UST facility in the EDR Report. No additional information regarding the UST was provided in the EDR Report. This facility was also listed as a LUST facility. A LUST impacted the soil and cleanup was initiated in September 1992; however no NFA letter is reported in the EDR report. A Lust Flag was dated September 30, 2008.
- **Sedalia Maintenance Shop**, located at the intersection of Ingram and 9th Street, was identified UST facility in the EDR Report. Two USTs were reportedly removed in November, 1992. A NFA letter was dated November 12, 1992.
- **Missouri Public Service Commission**, located at the intersection of Ingram and 9th Street, was identified UST facility in the EDR Report. No additional information regarding the UST was provided in the EDR Report. This facility was also listed as a LUST facility. A LUST impacted the facility and cleanup was initiated in December 1989; however no NFA letter is reported in the EDR report. A Lust Flag was dated September 30, 2008.
- **DLCS Sedalia Fire Department,** located at 600 S Hancock, was identified as a RCRA-SQG and FINDS facility in the EDR report.
- **US Rents Its,** located at 530 E 5th Street, was identified as a UST facility in the EDR report. One 1,000 gallon gas UST was reportedly permanently closed in place. An additional UST was reportedly removed and the site received a NFA letter dated August 18, 1994.

- **Break Time #3083,** located at 808 E Broadway, was identified as a UST facility in the EDR report. According to the EDR report two USTs are currently in use. An additional 3 USTs were removed; however, no removal date or NFA letter is noted in the EDR report.
- **Bothwell Regional Health Center,** located at 601 E 14th street, was identified as a RCRA-SQG, FINDS, and LUST facility in the EDR report. A LUST impacted the facility and cleanup was initiated in March 1993; however no NFA letter is reported in the EDR report. A Lust Flag was dated September 30, 2008.
- **Vehicle Maintenance Facility**, located at 901 E 3rd Street, was identified as a UST and LUST facility in the EDR report. A LUST impacted the facility and cleanup was initiated in May 1992; however no NFA letter is reported in the EDR report. A Lust Flag was dated September 30, 2008. An additional 3 USTs was reportedly removed and a NFA letter dated November 16, 1998 was issued to the site. An active UST is also associated with the facility.
- **Quick Run**, located at 216 W Broadway, was identified as a LUST and UST facility in the EDR report. Two LUSTs were removed, remediation was performed at the facility followed by a Tier 1 MRBCA. A NFA letter was issued November 20, 2006.The facility also has two USTs that are reportedly temporarily out of use.
- **C Mart #9550,** located at 300 W Broadway, was identified as a UST and LUST facility in the EDR report. Two USTs were removed in August 1991; however, no NFA letter is identified as issued in the EDR report. The facility has received a LUST flag dated September 30, 2008.
- **Brake Time #3084,** located at 318 W Broadway, is identified as a LUST and UST facility in the EDR report. The facility apparently has two USTs currently in use and it appears MDNR has requested a work plan for site characterization.

Numerous facilities were identified as "orphan sites" due to poor or inadequate address information. None of the facilities listed in the Orphan Summary appear to be adjacent to the Subject Property. No additional information regarding these facilities was provided in the EDR Report.

4.2 Additional Environmental Record Sources

Terranext attempted to obtain additional environmental records and/or information from the following sources:

4.2.1 City of Sedalia Fire Department

Terranext interviewed the City of Sedalia Fire Chief, MR. Mike Ditsfield (?) who stated that in his 35 years in the fire department he did not remember any time the fire department provided an environmental response at the Subject Property.

4.2.2 City of Sedalia

Mr. Keith Riesberg, City Administrator for the City of Sedalia, stated that he was aware of the UST removal and excavation activities at the site and the resulting MDNR closure letter. Mr. Riesberg and Mr. John Simmons, Community Development Director for the City of Sedalia, were present during the field reconnaissance and indicated the area of the former UST excavation, monitoring well, and former Old Sutherland Lumber buildings. Mr. Riesberg also stated that an historic roundhouse existed at the Subject Property and expressed concerns of environmental impacts on the remaining portion of the Subject Property not assessed during the UST removal and excavation activities.

4.3 Physical Setting Sources

Terranext reviewed numerous sources to obtain geological and hydrogeological physical setting sources, as documented in the following sections.

4.3.1 Geology

Surface features were determined by review of the United States Geological Survey (USGS) 7.5-minute series quadrangle map for Sedalia East, Missouri and confirmed during the field reconnaissance (Figure 1, Section 17.0). The topography of the Subject Property consists of generally flat terrain; however has an abrupt slope to the south at the southern boundary of the Subject Property. The elevation of the Subject Property ranges from approximately 895 feet above sea level in the southern portion of the Subject Property to approximately 905 feet above sea level in the remaining portion of the Subject Property.

The state of Missouri is located in the Central Stable Region of the United States and Maries County is located within the Salem Plateau of the Ozark Plateau physiographic province. Based on previous assessments and the EDR report of the Subject Property, the geology in the vicinity of the Subject Property consists of upper Pleistocene deposits consisting of primarily clay with sand and silt with thickness ranging from 10 to 13 feet. Underlying the upper Pleistocene deposits is the Osagean Series bedrock which consists of the Person formation and Burlington Limestone. The upper portion of the bedrock may be fractured.

According to the Soil Conservation District, soils at the Subject Property consist of silt loam; specifically the Arispe and Macksburg silt loams which are somewhat poorly drained due to their fine grained textures.

According to the Federal Emergency Management Agency (FEMA) floodplain map, the Subject Property is not located within a designated floodplain (Appendix 1).

4.3.2 Hydrogeology

The EDR report includes a summary of registered water wells within 1 mile of the Subject Property. One Federal Public Water Supply (PWS) was identified in the

EDR Report within 0.5 mile west of the Subject Property. According to the EDR report, the Aunt Martha's Preschool & Day Care well has had violations for chloroform concentrations. In addition, a USGS well is registered within 1 mile northwest of the Subject Property.

According to information obtained from historical environmental reports (Appendix 4), the MDNR has records of nine water wells drilled within a one mile radius of the Subject Property. The wells are drilled well within the bedrock at depths ranging from 702 feet below ground surface (bgs) to 1,580 feet bgs.

Based on the September 1999 Corrective Action and Groundwater Monitoring Report (Appendix 4), local shallow groundwater depths range from 12.5 feet to 14.5 feet bgs and flow direction at the Subject Property is to the primarily to the south.

4.4 Historical Use of Subject Property

4.4.1 Ownership Information

According to Mr. Rick Harris, the Subject Property has been owned by Union Pacific Railroad since April 29, 1870.

4.4.2 Topographic Maps

Terranext located a topographic map (dated 1973) for Sedalia East, Missouri as indicated in Appendix 6. The Old Sutherlands Lumber buildings are depicted on the Subject Property; however they have since been demolished and removed. Broadway Boulevard, South Hancock Avenue and Lafayette Avenue are also depicted. The rail lines on the Subject Property are also depicted.

4.4.3 Aerial Photographs

Terranext obtained four aerial photographs from EDR (1977, 1986, 1990, and 2005). Copies of the aerial photographs are included in Appendix 7.

The 1977 aerial photograph of the Subject Property depicts buildings associated with Old Sutherlands Lumber at the Subject Property. Broadway Boulevard to the south, South Hancock Avenue to the east, and Lafayette Avenue to the west of the Subject site are also depicted. Structures interpreted to be associated with Cities Service Oil Company and Hudson Oil Company are also depicted.

The 1986 aerial photograph of the Subject Property is too blurry to identify significant observations.

The 1990 aerial photograph of the Subject Property depicts the buildings associated with Old Sutherlands Lumber at the Subject Property. Broadway Boulevard to the south, South Hancock Avenue to the east, and Lafayette Avenue to the west of the Subject site are also depicted. It appears the Structures interpreted to be associated with Cities Service Oil Company and Hudson Oil Company are also depicted.

The 2005 aerial photograph of the Subject Property depicts a vacant site. The structures associated with Old Sutherlands Lumber and the service stations north of Broadway Boulevard appear to be demolished.

4.4.4 Sanborn Fire Insurance Maps

Terranext obtained eight certified Sanborn fire insurance maps dated 1888, 1892, 1898, 1908, 1914, 1925, 1948, and 1963 (Appendix 8). The 1888, 1892, and 1898 Sanborn fire insurance maps depict the Subject Property developed with numerous railroad tracks and sidings, as well as, railroad related turn tables, coal bins, oil storage, ice house, machine shop, repair shop, paint shop, upholstery shop, wood working shop, and lumber sheds.

The 1908 Sanborn fire insurance map depicts less development on the Subject Property. Although there still numerous of railroad track lines and sidings, the

former repair shop and paint shop are vacant and used for storage. Stanley's Coal Yard and related coal sheds occupy the northeast portion of the Subject Property. "Economic" Steam & Electric Company central heating plant is present along Broadway Boulevard in the southwestern portion of the Subject Property.

The 1914 Sanborn fire insurance map no longer depicts the former repair shop and paint shop and it is interpreted they have been demolished at this time. Stanley's Coal Yard and related coal sheds occupy the northeast portion of the Subject Property. "Economic" Steam & Electric Company central heating plant is present along Broadway Boulevard in the southwestern portion of the Subject Property.

The 1925 Sanborn fire insurance map no longer depicts the "Economic" Steam & Electric Company central heating plant present along Broadway Boulevard in the southwestern portion of the Subject Property. Stanley's Coal Company and related coal sheds occupy the northeast portion of the Subject Property. Central Coal Company with related fuel oil and Grand Oil Company appear north of Broadway Boulevard in the southern portion of the Subject Property.

The 1948 Sanborn fire insurance map depicts the Stanley's Coal Company and related coal sheds occupying the northeast portion of the Subject Property. The Central Coal Company, White Eagle Oil Company, The Texas Company, Mid-Continent Petroleum, Hudson Oil Company, Cities Service Oil Company all have related fuel oil storage and appear north of Broadway Boulevard in the southern portion of the Subject Property. The Hudson Oil Company and Cities Service Oil Company appear to have associated service stations as well.

The 1963 Sanborn fire insurance map depicts the Midwest Auto Stores auto parts warehouse in the eastern portion of the Subject Property. The Central Coal Company, Socony Mobil Oil Company, The Texas Company, D-X Sunray Oil

Company, Hudson Oil Company, Cities Service Oil Company all have related fuel oil storage and appear north of Broadway Boulevard in the southern portion of the Subject Property. The Hudson Oil Company and Cities Service Oil Company appear to have associated service stations as well.

4.4.5 City Street Directories

Due to the fact that the Union Pacific Railroad has owned the Subject Property since 1870 and numerous street addresses associated with the sites, Terranext chose not to utilize city street directories as a historical source of information for this Phase I ESA.

4.5 Historical Use of Adjoining Properties

Based on review of historical aerial photographs and Sanborn fire Insurance maps, properties surrounding the Subject Property appear to have primarily been residential with some commercial properties to the east of the Subject Property.

5.0 FIELD RECONNAISSANCE

5.1 Methodology and Limiting Conditions

Terranext has completed this Phase I ESA in compliance with the (American Society for Testing and Materials) ASTM E 1527-05 Standard and Environmental Protection Agency (EPA) All Appropriate Inquiry (AAI) regulation. Any exceptions to, or deletions from, this practice are described in Section 8.0 of this report.

Terranext performed a field reconnaissance of the Subject Property on December 2, 2008. The purpose of the field reconnaissance was to observe and document evidence of recognized environmental conditions on the Subject Property and land use of adjacent properties, as stated in Section 1.0. Photographs were taken during the field reconnaissance, copies of which are included in Appendix 9. A copy of the field notes is included in Appendix 10.

5.2 General Setting

The Subject Property is located in an area of flat grassy terrain surrounded by primarily residential and some commercial properties. The Subject Property does slope down abruptly towards the south and Broadway Boulevard (Highway 50).

5.3 Interior/Exterior Observations

No structures currently exist on the Subject Property.

5.3.1 Hazardous Substances and Petroleum Products

No visible hazardous substances or petroleum products were observed on the surface at the Subject Property during the field reconnaissance.

5.3.2 Unmarked Hazardous Substance Containers

No unmarked hazardous substance containers were observed on the surface at the Subject Property during the field reconnaissance.

5.3.3 Storage Tanks

No storage tanks were observed on the surface at the Subject Property during the field reconnaissance. USTs were removed in 1990 in the southeast portion of the Subject Property and information pertaining to that work is presented in Appendix 4.

5.3.4 Odors

No strong, pungent, or noxious odors were detected on the Subject Property during the field reconnaissance.

5.3.5 Pools of Liquid

No pools of liquid were observed on the Subject Property during the field reconnaissance.

5.3.6 Drums

No drums were observed on the Subject Property during the field reconnaissance.

5.3.7 Indication of PCBs

No indication of poly-chlorinated biphenyl (PCB) contamination was observed on the Subject Property during field reconnaissance.

5.3.8 Pits, Ponds, and Lagoons

No pits, ponds or lagoons were observed on the Subject Property during the field reconnaissance.

5.3.9 Stained Soil or Pavement

No stained soil or pavement was observed on the Subject Property during the field reconnaissance; however crushed stone footprints of historic building structures were apparent.

5.3.10 Stressed Vegetation

Stressed vegetation due to environmental impacts was not observed on-site during the field reconnaissance.

5.3.11 Solid Waste

With the exception of a debris pile, no evidence of solid waste was observed on the Subject Property during the field reconnaissance. A picture of the debris pile is included in Appendix 9.

5.3.12 Waste Water

No evidence of waste water was observed on the Subject Property during the field reconnaissance.

5.3.13 Wells

A historic cistern was observed filled with native soil and some debris. A picture of the interpreted historic cistern is included in Appendix 9. A monitoring well was also observed in the southeastern portion of the Subject Property that is assumed associated with the 1990 UST excavation.

5.3.14 Septic Systems

No evidence of a septic system was observed on the Subject Property during the field reconnaissance.

5.4 Interior Observations

No existing buildings are present on the Subject Property.

6.0 INTERVIEWS

6.1 Interview with Owners

Mr. Rick Harris, Real Estate Manager for Union Pacific Railroad, stated that two USTs and impacted soil were removed and disposed from the southeast portion of the Subject Property. Mr. Rick Harris also stated that the Subject Property has been owned by Union Pacific railroad since April 29, 1870.

6.2 Interview with Site Managers

No current site managers are present at the Subject Property.

6.3 Interview with Occupants

No current occupants are present at the Subject Property.

6.4 Interview with Local Government Officials

Mr. Keith Riesberg, City Administrator for the City of Sedalia, stated that he was aware of the UST removal and excavation activities at the site and the resulting MDNR closure letter. Mr. Riesberg and Mr. John Simmons, Community Development Director for the City of Sedalia, were present during the field reconnaissance and indicated the area of the former UST excavation, monitoring well, and Old Sutherland Lumber buildings. Mr. Riesberg also stated that an historic roundhouse existed at the Subject Property and expressed concerns of environmental impacts on the remaining portion of the Subject Property not assessed during the UST removal and excavation activities.

6.5 Interviews with Others

Terranext interviewed the City of Sedalia Fire Chief, MR. Mike Ditsfield (?) who stated that in his 35 years in the fire department he did not remember any time the fire department provided an environmental response at the Subject Property.

7.0 FINDINGS AND OPINION

- Two USTs and related impacted soil were removed from the Subject Property in 1998. Additional assessment was completed in 1994 and additional removal of impacted soil occurred in 1998. A closure report was submitted to MDNR in September 1999 and a resulting closure letter from MDNR was issued in November 1999. The UST removal and soil excavation occurred in the southeastern portion of the Subject Property and was related to the historic Hudson Oil Company Service Station.
- A debris pile was observed on the Subject Property during the field reconnaissance.
- An interpreted historic cistern was observed on the Subject Property during the field reconnaissance.
- In addition to the historic Hudson Oil Company, there were four additional oil companies and a former coal company located north of Broadway Boulevard in the southern portion of the Subject Property
- Historic use of the Subject property includes rail transportation activities and associated railroad lines, machine shops, and repair shops.

It is Terranext's professional opinion that of these findings historic land use at the Subject Property is a recognized historical environmental condition (REC). Primarily the historic oil companies located in the southern portion of the Subject Property and to some extent the railroad lines and sidings and associated repair and paint shops.

8.0 CONCLUSIONS

Terranext has completed this Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-05 and EPA AAI regulation for the Old Sutherlands Lumber facility located north of East Broadway Boulevard between Lafayette and South Hancock Avenues in Sedalia, Pettis County, Missouri. Any exceptions to, or deletions from, this practice are described in Section 8.0 of this report. This assessment has revealed the following RECs in connection to the Subject Property:

- In addition to the historic Hudson Oil Company, there were four additional oil companies and a former coal company located north of Broadway Boulevard in the southern portion of the Subject Property
- Historic use of the Subject property includes rail transportation activities and associated railroad lines, machine shops, and repair shops.

Terranext recommends a limited Phase II investigation to determine if historic land use at the Subject Property may have caused environmental impacts.

9.0 DEVIATIONS AND/OR DATA GAPS

No deviations or data gaps were encountered during this Phase I ESA.

10.0 REFERENCES

Sedalia East, Missouri Quadrangle (7.5-Minute Series), United States Geological Survey, 1973.

Geologic Map of Missouri, 1979.

EDR Radius Map with GeoCheck®, Old Sutherlands Lumber, East Broadway, Sedalia, MO, November 18, 2008.

EDR Aerial Photo Decade Package, Old Sutherlands Lumber, East Broadway, Sedalia, MO, November 18, 2008.

EDR Certified Sanborn® Map Report, Old Sutherlands Lumber, East Broadway, Sedalia, MO, November 18, 2008.

Pettis County, MO FEMA Floodplain Map, Schneider Corporation, November 23, 2008.

Preliminary Survey Map of Subject Property, Engineering Surveys and Services, 2008.

Union Pacific Railroad, 651 E. Broadway, Sedalia, MO – R0001999 Incident Closure letter, MDNR, November 18, 1999.

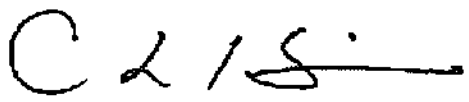
Union Pacific Railroad, Broadway & 7th, Sedalia, MO – R0002030 reference number letter, MDNR, November 8, 1999.

Corrective Action and Groundwater Monitoring Report Union Pacific Railroad Leased Property Former Old Hudson Gasoline Station LSP LU #1999 Sedalia, Missouri, Environmental Decision Group, Inc., September 7, 1999.

11.0 DECLARATION OF ENVIRONMENTAL PROFESSIONAL

I, Christopher Kinn, declare that, to the best of my professional knowledge and belief, I meet the definition of an Environmental Professional as defined in §312.10 of 40 CFR 312. I have the specific qualifications based on education, training, and experience to assess a site of the nature, history, and setting of the Subject Property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Signed:

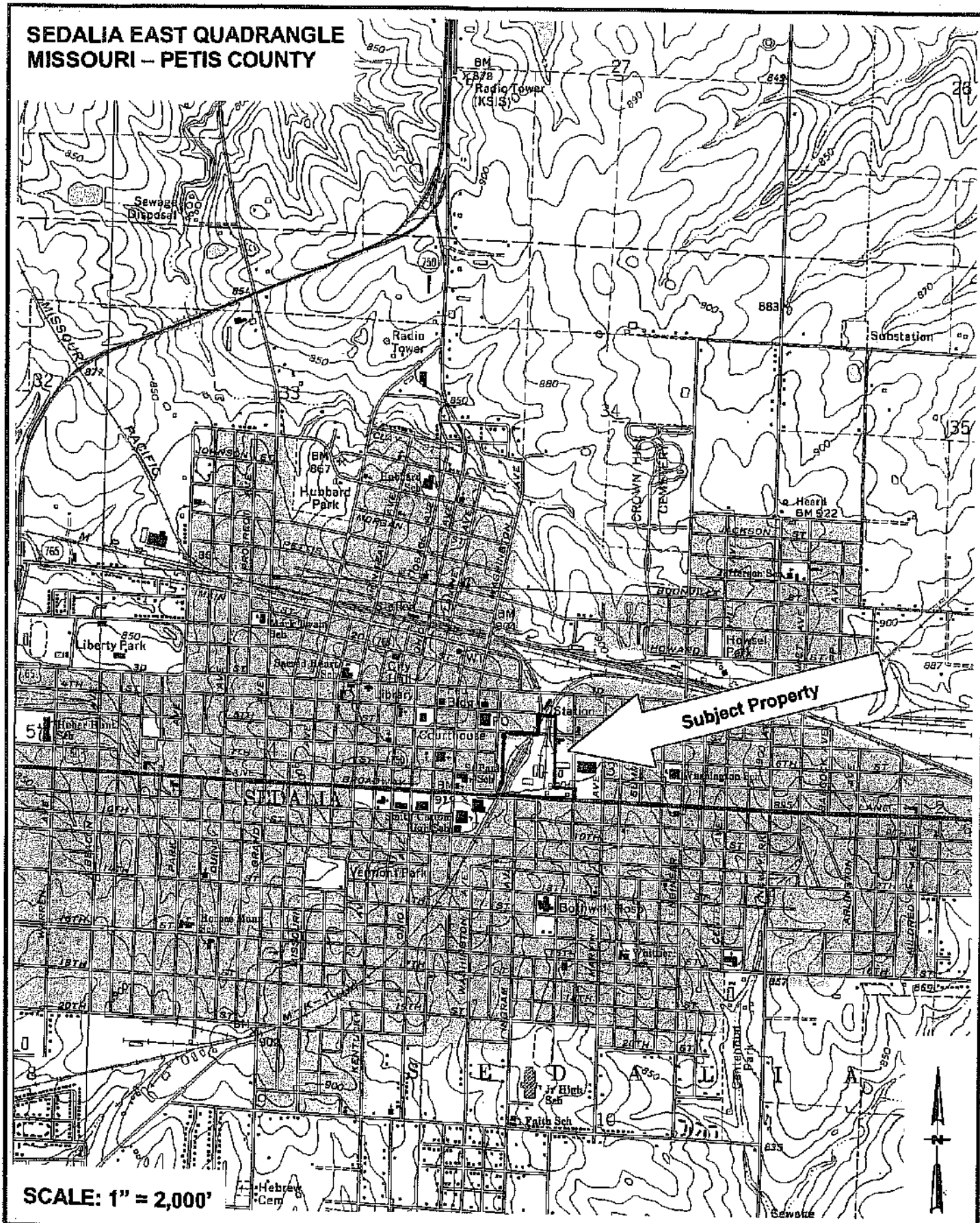


Christopher Kinn, RG
Director, Midwest Operations

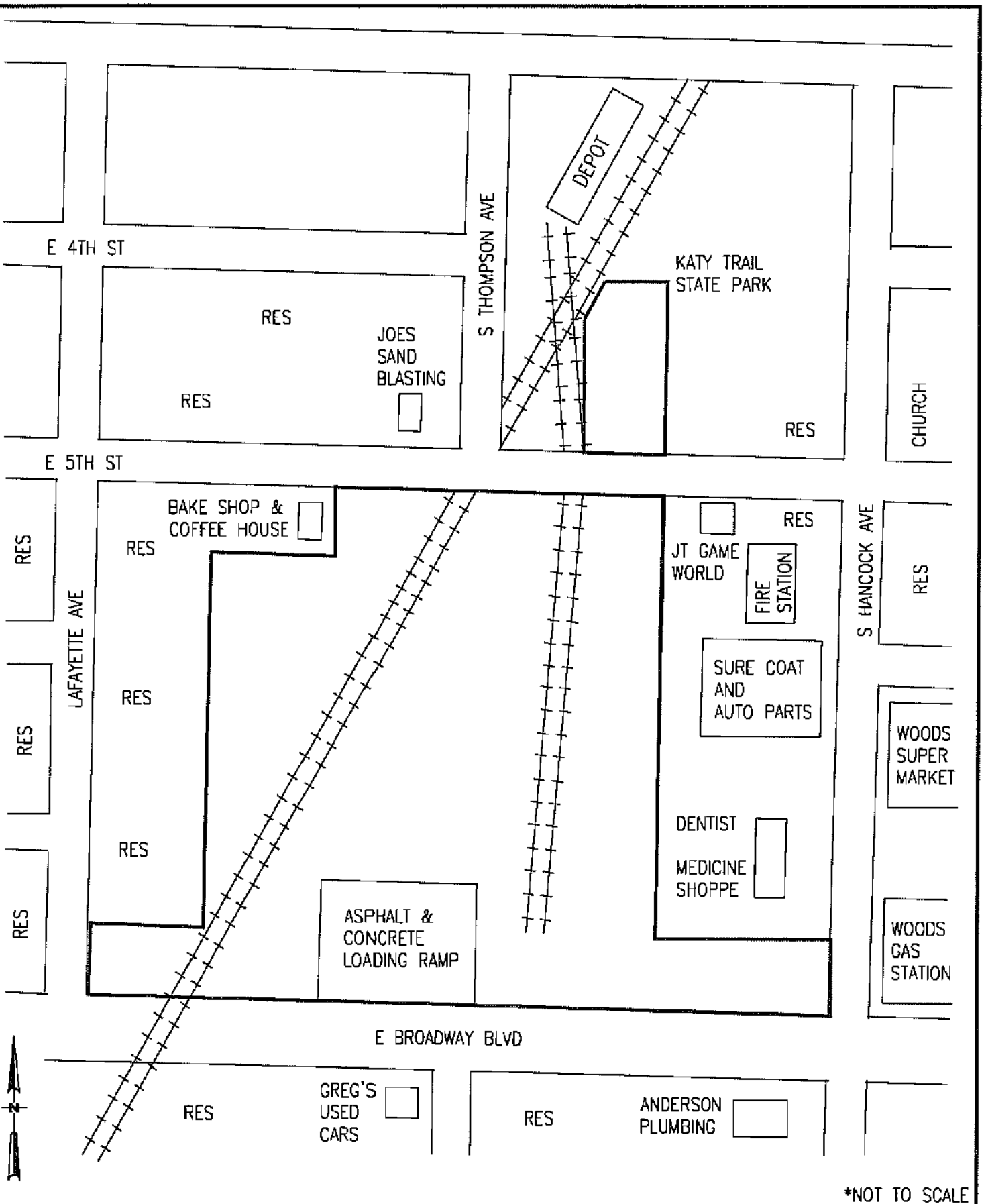
12.0 FIGURES

Figure 1 Site Location Map

Figure 2 Site Plan



PROJ.# 17102589	PAGE#	TerraNext	FIGURE 1 SITE LOCATION MAP 7.5–MINUTE SERIES TOPOGRAPHIC MAP OLD SUTHERLAND LUMBER EAST BROADWAY BOULEVARD SEDALIA, MISSOURI
SCALE: AS SHOWN	DRAWN BY: MSP		
FILE NO. 2589–F1	DESIGNED BY:		
DATE: 12/04/08	APPROVED BY:		



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FILE NO.	DESIGNED BY:
DATE: 10/2/08	APPROVED BY:

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FIGURE 2
GENERAL SITE LOCATION MAP

OLD SUTHERLANDS LUMBER
EAST BROADWAY BOULIVARD
SEDALIA, MISSOURI

13.0 APPENDICES

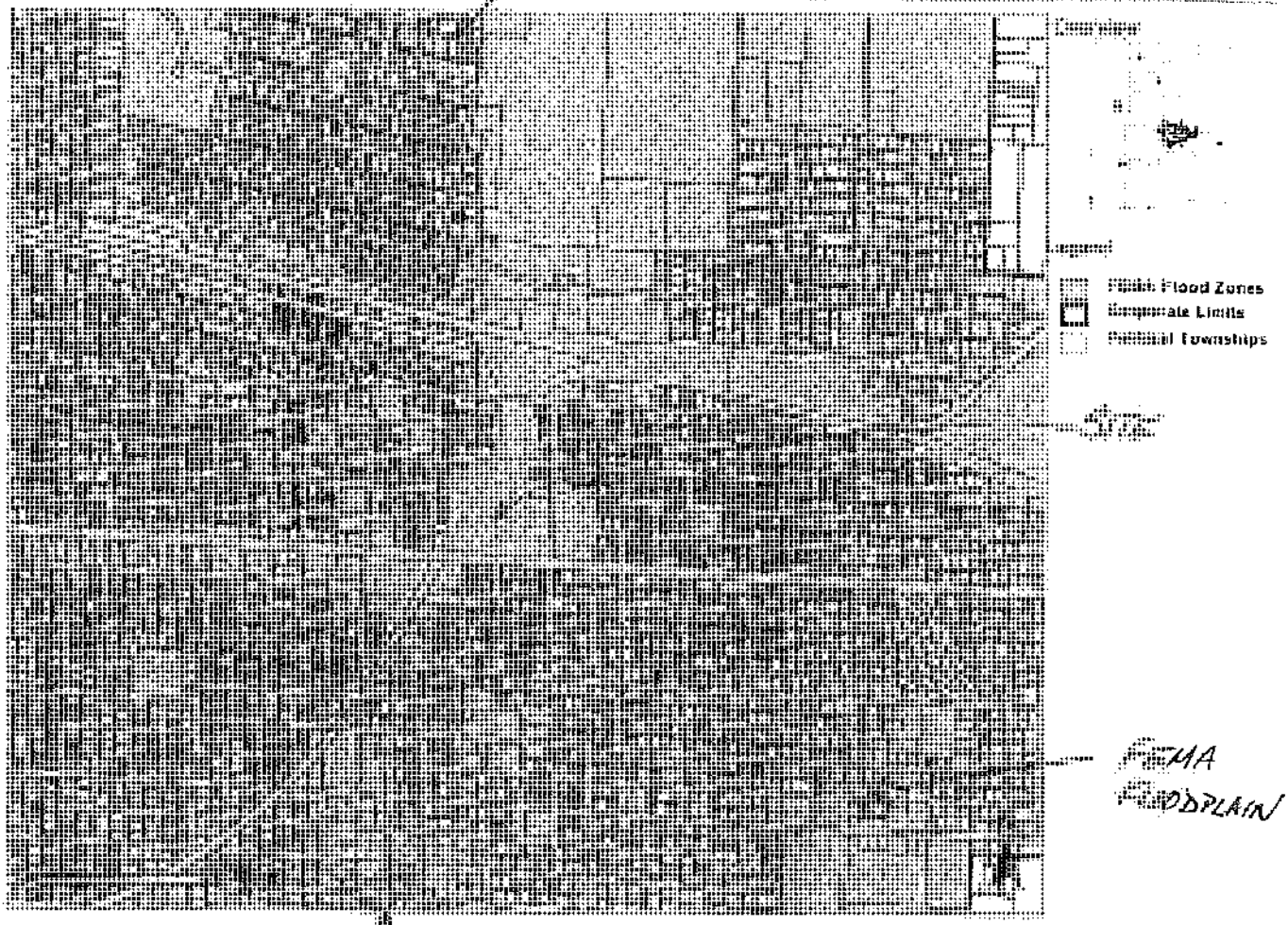
Appendix 1	Floodplain Map
Appendix 2	Information Provided by Client
Appendix 3	Standard Environmental Records (EDR Report)
Appendix 4	Additional Environmental Records
Appendix 5	Property Ownership Records
Appendix 6	Topographic Maps
Appendix 7	Aerial Photograph
Appendix 8	Sanborn® Fire Insurance Maps
Appendix 9	Photographs
Appendix 10	Field Notes
Appendix 11	Qualifications of Environmental Professional

APPENDIX 1

FLOODPLAIN MAP

Pettis County, MO

beacon™



Parcel ID	[redacted]	Alternate ID	N/A	Owner Name	[redacted]
Sec/Twp/Rng		Class	[redacted]	Owner Address	[redacted]
Property Address	E BROADWAY SEDALIA	Acreage	16.40		********** MO *********
District	R001				
Brief Tax Description	15.3AC MID PRT BLK S 5TH ST, W OF HANCOCK N OF BROADWAY & E OF LAFAYETTE & 1.1 AC S SI BLK TO THE N OF 5TH ST 3 45 21				

(Note: Not to be used on legal documents)

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APPENDIX 2

INFORMATION PROVIDED BY CLIENT

Folder No. 00687-06

RIGHT OF ENTRY AGREEMENT

THIS AGREEMENT is made and entered into as of November 13, 2008 by and between **UNION PACIFIC RAILROAD COMPANY**, a Delaware corporation (hereinafter the "Railroad"), and **TERRANEXT, LLC** to be addressed at 13202 West 98th Street, Lenexa, Kansas 66215, (hereinafter the "Licensee").

IT IS MUTUALLY AGREED BY AND BETWEEN THE PARTIES HERETO AS FOLLOWS:

Article 1. **DEFINITION OF LICENSEE.**

For purposes of this Agreement, all references in this Agreement to the Licensee shall include the Licensee's contractors, subcontractors, officers, agents and employees, and others acting under its or their authority.

Article 2. **RIGHT GRANTED; PURPOSE.**

The Railroad hereby grants to the Licensee the right, during the term hereinafter stated and upon and subject to each and all of the terms, provisions and conditions herein contained, to enter upon and have ingress to and egress from the portion of Railroad's property in the vicinity of East Broadway Boulevard and South Hancock Avenue, in Sedalia, Missouri, for the purpose of Phase I and Phase II Environmental Assessment. The right herein granted to Licensee is limited to those portions of the Railroad's property specifically described herein in the location shown on the print marked Exhibit A, attached hereto and hereby made a part hereof, or designated by the Railroad Representative named in Article 4.

Article 3. **TERMS AND CONDITIONS CONTAINED IN EXHIBITS B AND C.**

The terms and conditions contained in Exhibits B and C, hereto attached, are hereby made a part of this Agreement.

Article 4. **ALL EXPENSES TO BE BORNE BY LICENSEE; RAILROAD REPRESENTATIVE.**

The Licensee shall bear any and all costs and expenses associated with any work performed by the Licensee, or any costs or expenses incurred by the Railroad relating to this Agreement. All work performed by Licensee on Railroad's property shall be performed in a manner satisfactory to the representative Manager of Real Estate of the Railroad or his authorized representative (hereinafter the Railroad Representative):

Rick L. Harris, Manager Real Estate
Union Pacific Railroad Company
1400 Douglas Street, Stop 1690
Omaha, NE 68179-1690
Work Bell Phone: (402) 544-8588
Fax: (402) 997-4098
Email: RHARRIS@UP.COM

Article 5. **TERM; TERMINATION.**

A. **The grant of right herein made to Licensee shall commence on the date of this Agreement and continue until December 17, 2008, unless sooner terminated as herein provided. Licensee agrees to notify the Railroad Representative in writing when it has completed its work on Railroad property.**

B. This Agreement may be terminated by either party on ten (10) days written notice to the other party.

Article 6. **CERTIFICATE OF INSURANCE.**

A. Before commencing any work, the Licensee will provide the Railroad with a Certificate issued by its insurance carrier providing the insurance coverage required pursuant to Exhibit C of this Agreement in a policy which contains the following type of endorsement:

> "Union Pacific Railroad Company is named as additional insured with respect to all liabilities arising out of Insured's, as Licensee, performance of any work on the property of the Railroad."

B. Licensee warrants that this Agreement has been thoroughly reviewed by its insurance agent(s)/broker(s) and that said agent(s)/broker(s) has been instructed to procure insurance coverage and an endorsement as required herein.

C. **All insurance correspondence shall be directed to: Union Pacific Railroad Company, Attn.: Rick Harris - Folder No. 687-06, 1400 Douglas Street, Stop 1690, Omaha, Nebraska 68179-1690.**

Article 7. **ENFORCEABILITY; CHOICE OF LAW; CHOICE OF FORUM.**

This Agreement shall be governed, construed, and enforced in accordance with the laws of the state of Nebraska. Litigation arising out of or connected with this Agreement may be instituted and maintained in the courts of the state of Nebraska and Missouri only, and the parties consent to jurisdiction over their person and over the subject matter of any such litigation, in those courts, and consent to service of process issued by such courts.

Article 8. **PROTECTION OF FIBER OPTIC CABLE SYSTEMS.**

Fiber optic cable systems may be buried on Licensor's property. Protection of the fiber optic cable systems is of extreme importance since any break could disrupt service to users resulting in business interruption and loss of revenue and profits. Prior to beginning any work, the Licensee shall telephone the Railroad at **1-800-336-9193** (a 24-hour number) to determine if fiber optic cable is buried anywhere on the property set forth herein. If it is, the Licensee shall also comply with and be subject to the provisions contained in Section 6 of Exhibit B.

Article 9. **CONFIDENTIALITY.**

A. The parties acknowledge that any data or report obtained from any environmental investigation and/or other related work that may be performed on Railroad's property, and all related documents, test results and information (hereinafter "the Environmental Report") is confidential in nature and agree that, to the extent allowable at law, they shall distribute the Environmental Report to only those

officers, directors and employees of Railroad and Licensee who are directly involved in the environmental investigation and/or other related work that may be performed on Railroad's Property.

B. Licensee shall notify Railroad's representative at least 48 hours before any intrusive soil borings or sampling is done on the property; Railroad may, at its option, have its environmental engineer present and Licensee agrees that said engineer may obtain split samples. Upon completion of any work, all holes will be filled to the surrounding ground level with clean, compacted earthen material.

C. Drafts of the Environmental Report shall be delivered to Railroad simultaneously with delivery to Licensee.

D. If Licensee believes that it has discovered hazardous materials on the Railroad property as the result of its investigation, which are required to be reported to any local, state or federal agency, Licensee shall first provide written notice to Licensor and give Licensor an opportunity to participate in any reporting, or, at the election of Licensor, to make such report itself.

E. Licensee agrees to take all reasonable measures to assure continuous confidentiality and protection of the Environmental Report, including keeping copies to a minimum and maintaining a log that identifies who has possession of the Environmental Report.

G. All the terms contained in this Article 9 shall survive completion of discussions and/or negotiations. Notwithstanding anything contained heretofore, Licensor acknowledges having been informed that Licensee must conduct itself in accordance with the Missouri Public Records Act, and that Licensee will be sharing any findings with the City of Sedalia and the Missouri Department of Natural Resources.

Article 10. <u>SPECIAL PROVISION – RAILROAD FLAGMAN; WHEN REQUIRED; FLAGGING CHARGES.</u>

A. No work of any kind shall be performed, and no person, equipment, machinery, tool(s), material(s), vehicle(s), or thing(s) shall be located, operated, placed, or stored within 25 feet of any of Railroad's track(s) at any time, for any reason, unless and until a Railroad flagman is provided to watch for trains, pursuant to the terms of the attached Exhibit 'B'. All expenses connected with the furnishing of said flagman shall be at the sole cost and expense of the Licensee, who shall promptly pay to Railroad all charges connected therewith, within 30 days after presentation of a bill therefore.

B. One and one-half times the current hourly rate is paid for overtime, Saturdays and Sundays; two and one-half times current hourly rate for holidays.

C. Wage rates are subject to change, at any time, by law or by agreement between the Railroad and its employees, and may be retroactive as a result of negotiations or a ruling of an authorized Governmental Agency. Additional charges on labor are also subject to change. If the wage rate or additional charges are changed, the Licensee shall pay on the basis of the new rates and charges.

D. Reimbursement to the Railroad will be required covering the full eight hour day during which any flagman is furnished, unless he can be assigned to other Railroad work during a portion of such day, in which event reimbursement will not be required for the portion of the day during which the flagman is engaged in other work. Reimbursement will also be required for any day not actually worked by said flagman following his assignment to work on the project for which the Railroad is required to pay the flagman and which could not reasonably be avoided by the Railroad Company by assignment of such flagman to other work, even though the Licensee may not be working during such time.

E. Arrangements for flagging are to be made at lenst Ten (10) days in advance of commencing work, with the Railroad Manager of Track Maintenanec.

Article 11. LICENSEE SHALL FURNISH INFORMATION TO THE RAILROAD.

Prior to entering Railroad's property, the Licensee shall also furnish to Railroad a copy of all correspondence (which shall remain a continuing obligation that includes all past and any future correspondence) with any regulatory agencies, or others, that may be involved in this project; a copy of a work plan and a location plan. Prior to the conclusion of this Agreement, the Licensee shall also furnish to the Railroad a copy of all boring logs, and all analytical results obtained hereunder; and advise the Railroad of any and all clean-up activities undertaken with respect to this project and the results and conclusion of same. **All required information shall be directed to Union Pacific Railroad Company, Attn.: Rick Harris - Folder No. 687-06, 1400 Douglas Street, Stop 1690, Omaha, Nebraska 68179-1690.**

Article 12. INSTALLATION OF GROUNDWATER MONITORING WELLS.

Any monitor wells installed pursuant to this Agreement shall be constructed with a locking top that will withstand automobile and truck traffic, and shall be built flush with the surrounding ground, in order to eliminate any tripping hazard to Railroad's employees, or others. The monitor well top(s) shall be kept locked, except when taking samples. On or before the conclusion of this Agreement, howsoever, the Licensee shall furnish to the Railroad, at the address indicated above, written documentation to confirm the lawful removal and closure of all monitor wells and other facilities, and cause Railroad's property to be restored to a comparable condition that existed at the commencement of this Agreement.

Article 13. SPECIAL PROVISION – SCOPE OF WORK.

In the event Phase II Environmental Assessments are to be conducted on the Railroad's property, as permitted in Article 2 of this Agreement, Licensee shall submit a scope of work for review and approval by the Railroad prior to the commencement of any work associated with this Agreement.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed as of the date first herein written.

Railroad:
UNION PACIFIC RAILROAD COMPANY
Federal Taxpayer I.D. #94-6001323

By: _____
Director – Real Estate

Licensee: Terranext, LLC

By: _____

Title: Director, Midwest Operations

(Pursuant to ordinance, resolution, or other evidence of proper authority to execute this instrument, a copy of which shall be attached to the Railroad's original counterpart of this document.)

EXHIBIT B

Section 1 - NOTICE OF COMMENCEMENT OF WORK – FLAGGING.

The Licensee agrees to notify the Railroad Representative at least Ten (10) days in advance of Licensee commencing its work and at least 24 hours in advance of proposed performance of any work by the Licensee in which any person or equipment will be within 25 feet of any track, or will be near enough to any track that any equipment extension (such as, but not limited to, a crane boom) will reach to within 25 feet of any track. Upon receipt of such notice, the Railroad Representative will determine and inform the Licensee whether a flagman need be present and whether the Licensee need implement any special protective or safety measures. If any flagmen or other special protective or safety measures are performed by the Railroad, such services will be provided at Licensee's expense with the understanding that if the Railroad provides any flagging or other services, the Licensee shall not be relieved of any of its responsibilities or liabilities set forth herein.

Section 2 - LIMITATION AND SUBORDINATION OF RIGHTS GRANTED.

a. The foregoing grant of right is subject and subordinate to the prior and continuing right and obligation of the Railroad to use and maintain its entire property including the right and power of the Railroad to construct, maintain, repair, renew, use, operate, change, modify or relocate railroad tracks, roadways, signal, communication, fiber optics, or other wirelines, pipelines and other facilities upon, along or across any or all parts of its property, all or any of which may be freely done at any time or times by the Railroad without liability to the Licensee or to any other party for compensation or damages.

b. The foregoing grant is also subject to all outstanding superior rights (including those in favor of licensees and lessees of the Railroad's property, and others) and the right of the Railroad to renew and extend the same, and is made without covenant of title or for quiet enjoyment.

Section 3 - NO INTERFERENCE WITH RAILROAD'S OPERATION.

No work performed by Licensee shall cause any interference with the constant, continuous and uninterrupted use of the tracks, property and facilities of the Railroad, its lessees, licensees or others, unless specifically permitted under this Agreement, or specifically authorized in advance by the Railroad Representative. Nothing shall be done or suffered to be done by the Licensee at any time that would in any manner impair the safety thereof. When not in use, Licensee's machinery and materials shall be kept at least 50 feet from the centerline of Railroad's nearest track, and there shall be no crossings of Railroad's tracks except at existing open public crossings.

Section 4 - PERMITS.

Prior to beginning any work, the Licensee, at its sole expense, shall obtain all necessary permits to perform any work contemplated by this Agreement.

Section 5 - MECHANIC'S LIENS.

The Licensee shall pay in full all persons who perform labor or provide materials for the work to be performed by Licensee. The Licensee shall not create, permit or suffer any mechanic's or materialmen's liens of any kind or nature to be enforced against any property of the Railroad for any such work performed. The Licensee shall indemnify and hold harmless the Railroad from and against any and

all liens, claims, demands, costs or expenses of whatsoever nature in any way connected with or growing out of such work done, labor performed, or materials furnished.

Section 6 - FIBER OPTIC CABLE SYSTEMS.

In addition to other indemnity provisions in this Agreement, the Licensee shall indemnify and hold the Railroad harmless from and against all costs, liability and expense whatsoever (including, without limitation, attorneys' fees, court costs and expenses) arising out of any act or omission of the Licensee, its contractor, agents and/or employees, that causes or contributes to (1) any damage to or destruction of any telecommunications system on Railroad's property, and (2) any injury to or death of any person employed by or on behalf of any telecommunications company, and/or its contractor, agents and/or employees, on Railroad's property. Licensee shall not have or seek recourse against Railroad for any claim or cause of action for alleged loss of profits or revenue or loss of service or other consequential damage to a telecommunication company using Railroad's property or a customer or user of services of the fiber optic cable on Railroad's property.

Section 7 - COMPLIANCE WITH LAWS.

In the prosecution of the work covered by this Agreement, the Licensee shall comply with all applicable federal, state and local laws, regulations and enactments affecting the work. The Licensee shall use only such methods as are consistent with safety, both as concerns the Licensee, the Licensee's agents and employees, the officers, agents, employees and property of the Railroad and the public in general. The Licensee (without limiting the generality of the foregoing) shall comply with all applicable state and federal occupational safety and health acts and regulations. All Federal Railroad Administration regulations shall be followed when work is performed on the Railroad's property. If any failure by the Licensee to comply with any such laws, regulations, and enactments, shall result in any fine, penalty, cost or charge being assessed, imposed or charged against the Railroad, the Licensee shall reimburse and indemnify the Railroad for any such fine, penalty, cost or charge, including without limitation attorneys' fees, court costs and expenses. The Licensee further agrees in the event of any such action, upon notice thereof being provided by the Railroad, to defend such action free of cost, charge, or expense to the Railroad.

Section 8 - SAFETY INSTRUCTIONS.

Safety of personnel, property, rail operations and the public is of paramount importance in the prosecution of the work pursuant to this Agreement. As reinforcement and in furtherance of overall safety measures to be observed by the Licensee (and not by way of limitation), the following special safety rules shall be followed:

a. The Licensee shall keep the job site free from safety and health hazards and ensure that its employees are competent and adequately trained in all safety and health aspects of the job. The Licensee shall have proper first aid supplies available on the job site so that prompt first aid services can be provided to any person that may be injured on the job site. The Licensee shall promptly notify the Railroad of any U.S. Occupational Safety and Health Administration reportable injuries occurring to any person that may arise during the work performed on the job site. The Licensee shall have a non-delegable duty to control its employees, while they are on the job site or any other property of the Railroad to be certain they do not use, be under the influence of, or have in their possession any alcoholic beverage or illegally obtained drug, narcotic or other substance that may inhibit the safe performance of work by an employee.

b. The employees of the Licensee shall be suitably dressed to perform their duties safely and in a manner that will not interfere with their vision, hearing or free use of their hands or feet. Only waist length shirts with sleeves and trousers that cover the entire leg are to be worn. If flare-legged trousers are worn, the trouser bottoms must be tied to prevent catching. The employees should wear sturdy and protective footwear. Employees shall not wear boots (other than work boots), sandals, canvas-type shoes or other shoes that have thin soles or heels that are higher than normal. In addition, the Licensee shall require its employees to wear personal protective equipment as specified by Railroad rules, regulations or Railroad officials overlooking the work at the job site. In particular, the protective equipment to be worn shall be:

(1) Protective head gear that meets American National Standard-Z89.1-latest revision. It is suggested that all hardhats be affixed with Licensee's or subcontractor's company logo or name.

(2) Eye protection that meets American National Standard for occupational and educational eye and face protection, Z87.1-latest revision. Additional eye protection must be provided to meet specific job situations such as welding, grinding, burning, etc.; and

(3) Hearing protection which affords enough attenuation to give protection from noise levels that will be occurring on the job site.

c. All heavy equipment provided or leased by the Licensee shall be equipped with audible back-up warning devices. If in the opinion of the Railroad Representative any of Licensee's or any of its subcontractors' equipment is unsafe for use on the Railroad's right-of-way, the Licensee, at the request of the Railroad Representative, shall remove such equipment from the Railroad's right-of-way.

Section 9 - INDEMNITY.

a. As used in this Section, "Railroad" includes other railroad companies using the Railroad's property at or near the location of the Licensee's installation and their officers, agents, and employees; "Loss" includes loss, damage, claims, demands, actions, causes of action, penalties, costs, and expenses of whatsoever nature, including court costs and attorneys' fees, which may result from: (i) injury to or death of persons whomsoever (including the Railroad's officers, agents, and employees, the Licensee's officers, agents, and employees, as well as any other person); and (ii) damage to or loss or destruction of property whatsoever (including Licensee's property, damage to the roadbed, tracks, equipment, or other property of the Railroad, or property in its care or custody).

b. As a major inducement and in consideration of the license and permission herein granted, the Licensee agrees to indemnify and hold harmless the Railroad from any Loss which is due to or arises from any cause and is associated in whole or in part with the work performed under this Agreement, a breach of the Agreement or the failure to observe the health and safety provisions herein, or any activity or omission arising out of performance or nonperformance of this Agreement; regardless of whether caused solely or contributed to in part by the negligence or fault of the Railroad.

c. Any liability of either party hereunder to one of its employees under any Workers' Compensation Act or the Federal Employers' Liability Act shall not be questioned or in any way challenged by the other party, nor shall any jury or court findings, resulting from any employee's suit against either party pursuant to any such Act(s), be relied upon or used by either party in any attempt to assert common law liability against the other.

Section 10 - RESTORATION OF PROPERTY.

In the event the Railroad authorizes the Licensee to take down any fence of the Railroad or in any manner move or disturb any of the other property of the Railroad in connection with the work to be performed by Licensee, then in that event the Licensee shall, as soon as possible and at Licensee's sole expense, restore such fence and other property to the same condition as the same were in before such fence was taken down or such other property was moved or disturbed, and the Licensee shall indemnify and hold harmless the Railroad, its officers, agents and employees, against and from any and all liability, loss, damages, claims, demands, costs and expenses of whatsoever nature, arising from the taking down of any fence or the moving or disturbance of any other property of the Railroad.

Section 11 - WAIVER OF BREACH.

The waiver by the Railroad of the breach of any condition, covenant or agreement herein contained to be kept, observed and performed by the Licensee shall in no way impair the right of the Railroad to avail itself of any remedy for any subsequent breach thereof.

Section 12 - ASSIGNMENT – SUBCONTRACTING.

The Licensee shall not assign, sublet or subcontract this Agreement, or any interest therein, without the written consent of the Railroad and any attempt to so assign, sublet or subcontract without the written consent of the Railroad shall be void. If the Railroad gives the Licensee permission to subcontract all or any portion of the work herein described, the Licensee is and shall remain responsible for all work of subcontractors and all work of subcontractors shall be governed by the terms of this Agreement.

Rev 8-2014

EXHIBIT C

Union Pacific Railroad
Contract Insurance Requirements

Right of Entry Agreement

Licensee shall, at its sole cost and expense, procure and maintain during the life of this Agreement (except as otherwise provided in this Agreement) the following insurance coverage:

A. **Commercial General Liability** insurance. Commercial general liability (CGL) with a limit of not less than $5,000,000 each occurrence and an aggregate limit of not less than $10,000,000. CGL insurance must be written on ISO occurrence form CG 00 01 12 04 (or a substitute form providing equivalent coverage).

The policy must also contain the following endorsement, which must be stated on the certificate of insurance:

- Contractual Liability Railroads ISO form CG 24 17 10 01 (or a substitute form providing equivalent coverage) showing "Union Pacific Railroad Company Property" as the Designated Job Site.

B. **Business Automobile Coverage** insurance. Business auto coverage written on ISO form CA 00 01 (or a substitute form providing equivalent liability coverage) with a combined single limit of not less $2,000,000 for each accident.

The policy must contain the following endorsements, which must be stated on the certificate of insurance:

- Coverage For Certain Operations In Connection With Railroads ISO form CA 20 70 10 01 (or a substitute form providing equivalent coverage) showing "Union Pacific Property" as the Designated Job Site.
- Motor Carrier Act Endorsement - Hazardous materials clean up (MCS-90) if required by law.

C. **Workers Compensation and Employers Liability** insurance. Coverage must include but not be limited to:

- Licensee's statutory liability under the workers' compensation laws of the state(s) affected by this Agreement.
- Employers' Liability (Part B) with limits of at least $500,000 each accident, $500,000 disease policy limit $500,000 each employee.

If Licensee is self-insured, evidence of state approval and excess workers compensation coverage must be provided. Coverage must include liability arising out of the U. S. Longshoremen's and Harbor Workers' Act, the Jones Act, and the Outer Continental Shelf Land Act, if applicable.

D. **Railroad Protective Liability** insurance. Licensee must maintain Railroad Protective Liability insurance written on ISO occurrence form CG 00 35 12 04 (or a substitute form providing equivalent coverage) on behalf of Railroad as named insured, with a limit of not less than $2,000,000 per occurrence and an aggregate of $6,000,000. A binder stating the policy is in place must be submitted to Railroad before the work may be commenced and until the original policy is forwarded to Railroad.

E. **Umbrella or Excess** insurance. If Licensee utilizes umbrella or excess policies, these policies must "follow form" and afford no less coverage than the primary policy.

F. **Pollution Liability** insurance. Pollution Liability coverage must be included when the scope of the work as defined in the Agreement includes installation, temporary storage, or disposal of any "hazardous" material that is injurious in or upon land, the atmosphere, or any watercourses; or may cause bodily injury at any time.

Pollution liability coverage must be written on ISO form Pollution Liability Coverage Form Designated Sites CG 00 39 12 04 (or a substitute form providing equivalent liability coverage), with limits of at least $5,000,000 per occurrence and an aggregate limit of $10,000,000.

If the scope of work as defined in this Agreement includes the disposal of any hazardous or non-hazardous materials from the job site, Licensee must furnish to Railroad evidence of pollution legal liability insurance maintained by the disposal site operator for losses arising from the insured facility accepting the materials, with coverage in minimum amounts of $1,000,000 per loss, and an annual aggregate of $2,000,000.

Other Requirements

G. All policy(ies) required above (except worker's compensation and employers liability) must include Railroad as "Additional Insured" using ISO Additional Insured Endorsements CG 20 26, and CA 20 48 (or substitute forms providing equivalent coverage). The coverage provided to Railroad as additional insured shall, to the extent provided under ISO Additional Insured Endorsement CG 20 26, and CA 20 48 provide coverage for Railroad's negligence whether sole or partial, active or passive, and shall not be limited by Licensee's liability under the indemnity provisions of this Agreement.

H. Punitive damages exclusion, if any, must be deleted (and the deletion indicated on the certificate of insurance), unless (a) insurance coverage may not lawfully be obtained for any punitive damages that may arise under this agreement, or (b) all punitive damages are prohibited by all states in which this agreement will be performed..

I. Licensee waives all rights against Railroad and its agents, officers, directors and employees for recovery of damages to the extent these damages are covered by the workers compensation and employers liability or commercial umbrella or excess liability insurance obtained by Licensee required by this agreement.

J. Prior to commencing the work, Licensee shall furnish Railroad with a certificate(s) of insurance, executed by a duly authorized representative of each insurer, showing compliance with the insurance requirements in this Agreement.

K. All insurance policies must be written by a reputable insurance company acceptable to Railroad or with a current Best's Insurance Guide Rating of A- and Class VII or better, and authorized to do business in the state(s) in which the work is to be performed.

L. The fact that insurance is obtained by Licensee or by Railroad on behalf of Licensee will not be deemed to release or diminish the liability of Licensee, including, without limitation, liability under the indemnity provisions of this Agreement. Damages recoverable by Railroad from Licensee or any third party will not be limited by the amount of the required insurance coverage.

APPENDIX 3

STANDARD ENVIRONMENTAL RECORDS (EDR REPORT)

Old Sutherlands Lumber
300 East Broadway
Sedalia, MO 65301

Inquiry Number: 02365968.1r
November 18, 2008

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

FORM-NULL-ZIP

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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

300 EAST BROADWAY
SEDALIA, MO 65301

COORDINATES

Latitude (North):	38.704000 - 38° 42' 14.4"
Longitude (West):	93.222100 - 93° 13' 19.6"
Universal Tranverse Mercator:	Zone 15
UTM X (Meters):	480687.6
UTM Y (Meters):	4283746.0
Elevation:	900 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	38093-F2 SEDALIA EAST, MO
Most Recent Revision:	1973

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:

FEDERAL RECORDS

NPL	National Priority List
Proposed NPL	Proposed National Priority List Sites
Delisted NPL	National Priority List Deletions
NPL LIENS	Federal Superfund Liens
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP	CERCLIS No Further Remedial Action Planned
LIENS 2	CERCLA Lien Information
CORRACTS	Corrective Action Report
RCRA-TSDF	RCRA - Transporters, Storage and Disposal
RCRA-LQG	RCRA - Large Quantity Generators

EXECUTIVE SUMMARY

RCRA-CESQG	RCRA - Conditionally Exempt Small Quantity Generator
RCRA-NonGen	RCRA - Non Generators
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
ERNS	Emergency Response Notification System
HMIRS	Hazardous Materials Information Reporting System
DOT OPS	Incident and Accident Data
US CDL	Clandestine Drug Labs
US BROWNFIELDS	A Listing of Brownfields Sites
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
LUCIS	Land Use Control Information System
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
ODI	Open Dump Inventory
DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations
MINES	Mines Master Index File
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing

STATE AND LOCAL RECORDS

SHWS	Registry of Confirmed Abandoned or Uncontrolled Hazardous Waste Disposal Sites
DEL SHWS	Registry Sites Withdrawn or Deleted
SWF/LF	Permitted Facility List
HIST LF	Solid Waste Facility Database List
LAST	Leaking Aboveground Storage Tanks
AST	Aboveground Petroleum Storage Tanks
SPILLS	Environmental Response Tracking Database
AUL	Sites with Controls
VCP	Voluntary Cleanup Program Site Listing
DRYCLEANERS	Drycleaners in Missouri Listing
BROWNFIELDS	Brownfields Site List
CDL	Environmental Emergency Response System
MO RRC	Certified Hazardous Waste Resource Recovery Facilities
NPDES	Permitted Facility Listing
AIRS	Permit Facility Listing

TRIBAL RECORDS

INDIAN RESERV	Indian Reservations
INDIAN ODI	Report on the Status of Open Dumps on Indian Lands
INDIAN LUST	Leaking Underground Storage Tanks on Indian Land

EXECUTIVE SUMMARY

INDIAN UST..... Underground Storage Tanks on Indian Land
INDIAN VCP..... Voluntary Cleanup Priority Listing

EDR PROPRIETARY RECORDS

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

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.

FEDERAL RECORDS

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 09/10/2008 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DLCS SEDALIA FIRE DEPARTMENT	***600 S HANCOCK***	***NE 1/8 - 1/4 (0.190 mi.)***	***9***	***17***

STATE AND LOCAL RECORDS

LUST: Leaking Underground Storage Tanks.

A review of the LUST list, as provided by EDR, and dated 09/26/2008 has revealed that there are 8 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MISSOURI PUBLIC SERVICE	INGRAM / 9TH	SSW 0 - 1/8 (0.074 mi.)	B6	14
MISSOURI PUBLIC SERVICE COMMIS	9TH / INGRAM	SSW 0 - 1/8 (0.074 mi.)	B8	16
BOTHWELL REGIONAL HEALTH CENTE	***601 E 14TH***	***S 1/4 - 1/2 (0.346 mi.)***	***12***	***28***
VEHICLE MAINTENANCE FACILITY	***901 E 3RD ST***	***NE 1/4 - 1/2 (0.405 mi.)***	***13***	***31***
QUICK RUN	***216 W BROADWAY***	***W 1/4 - 1/2 (0.407 mi.)***	***14***	***37***
Date Of NFA Letter From DNR: 11/20/2006				
C MART #9560	***300 W BROADWAY***	***W 1/4 - 1/2 (0.454 mi.)***	***C15***	***43***
BREAK TIME #3084	***318 W BROADWAY***	***W 1/4 - 1/2 (0.466 mi.)***	***C16***	***47***

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
UNION PACIFIC RAILROAD	651 E BROADWAY	E 0 - 1/8 (0.071 mi.)	A2	8

UST: Underground Storage Tank Information.

A review of the UST list, as provided by EDR, and dated 09/26/2008 has revealed that there are 7 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MISSOURI PUBLIC SERVICE	INGRAM & 9TH	SSW 0 - 1/8 (0.074 mi.)	B4	10
SEDALIA MAINTENANCE SHOP	9TH & INGRAM	SSW 0 - 1/8 (0.074 mi.)	B5	12
MISSOURI PUBLIC SERVICE COMMIS	9TH & INGRAM	SSW 0 - 1/8 (0.074 mi.)	B7	15
US RENTS IT	530 E 5TH ST	NNW 1/8 - 1/4 (0.192 mi.)	10	19

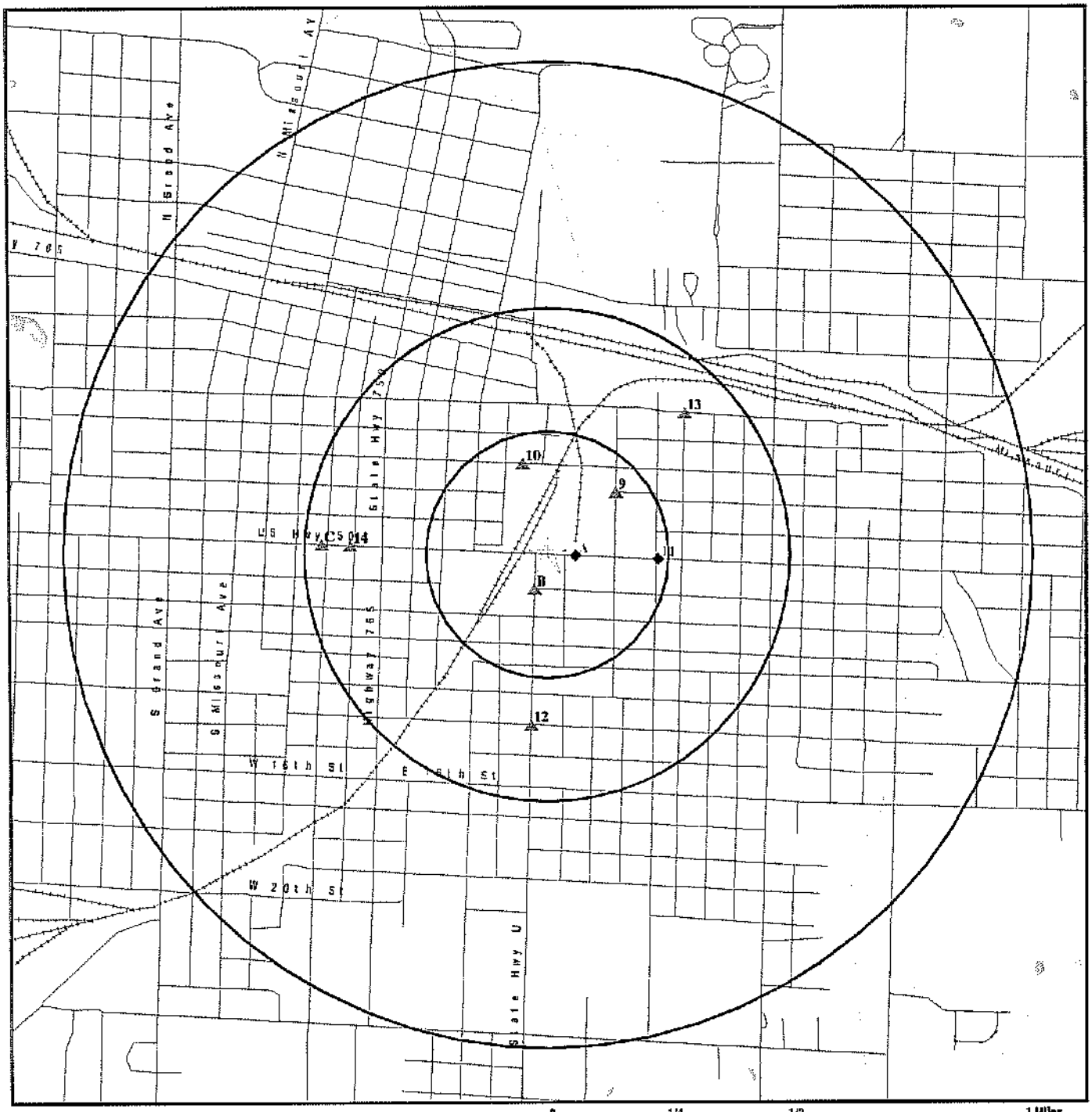
Lower Elevation	Address	Direction / Distance	Map ID	Page
SALTY'S	641 E BROADWAY	E 0 - 1/8 (0.057 mi.)	A1	6
UNION PACIFIC RAILROAD	651 E BROADWAY	E 0 - 1/8 (0.071 mi.)	A3	9
BREAK TIME #3083	808 E BROADWAY	E 1/8 - 1/4 (0.228 mi.)	11	22

EXECUTIVE SUMMARY

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

Site Name	Database(s)
MID MO ELECTRIC CO	CERC-NFRAP
VAN DYKE SITE	CERC-NFRAP
BREAKTIME MFA	LUST
GENERAL CONTRACTORS INC	UST
MM-41 SEDALIA	UST
BOB'S MARINA	UST
NORTH 65 DERBY	UST
BREAKTIME MFA	UST
MUDDY CREEK GENERAL STORE	UST
TYSON FEED MILL	AST
HOWARD OIL COMPANY	AST
NORTH 65 SINCLAIR TRUCK STOP	AST
TEMP STOP #103	AST
MUDDY CREEK GENERAL EAGLE STOP	AST
TYSON LIVE HALL	AST
SHOW ME FABRICATION INC	RCRA-SQG, FINDS
DONS TRUCK TOWING	FINDS, RCRA-NonGen
TRANS CENTRAL SUPPLIERS INC	RCRA-NonGen
WILLIAMS PIPE LINE SEDALIA STATION	RCRA-NonGen
LAFARGE PETTIS QUARRY	FINDS, RCRA-NonGen
SEDALIA DEPOT KATY TRAIL	RCRA-NonGen

OVERVIEW MAP - 02365968.1r



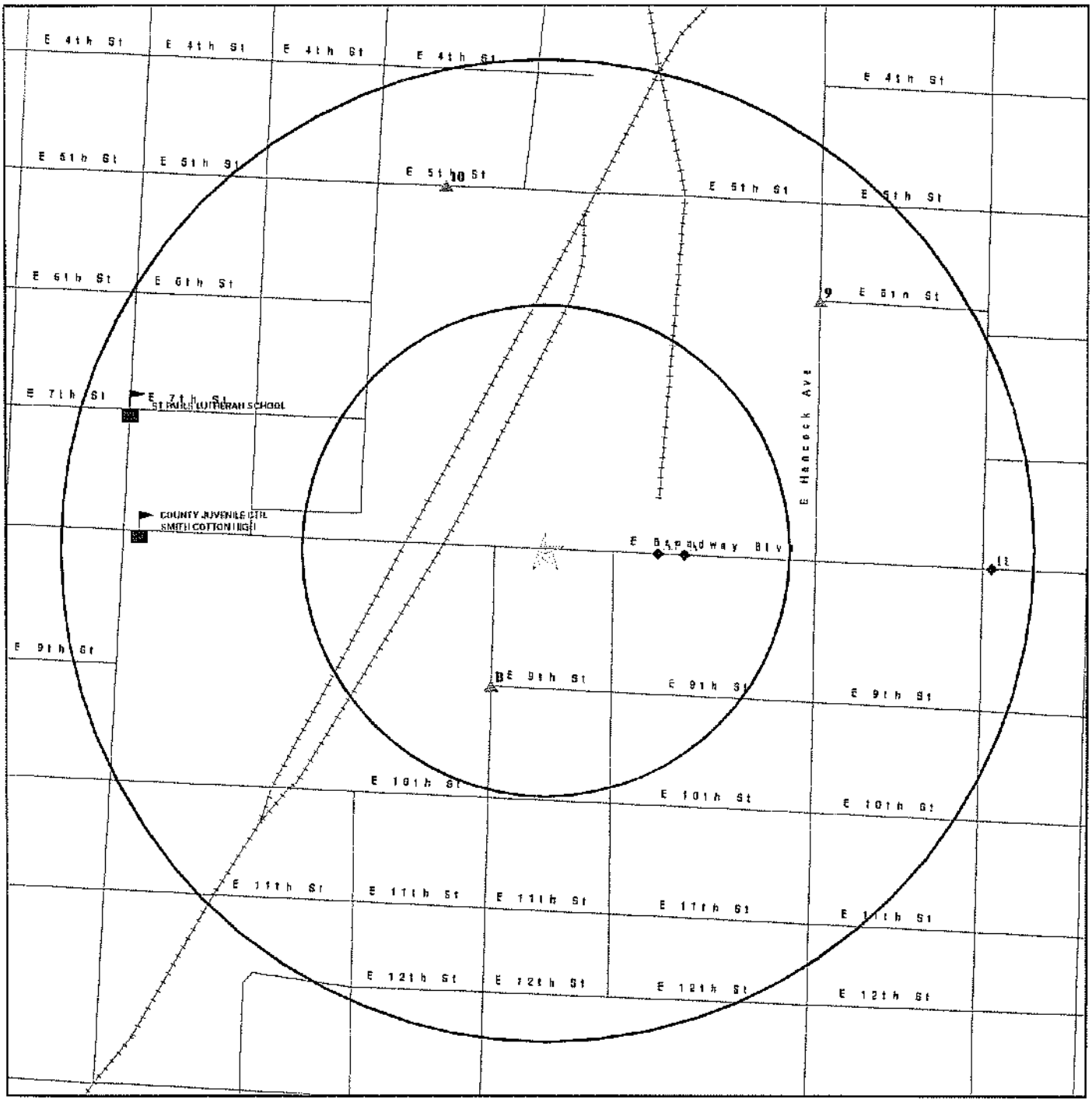
- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines
- National Wetland Inventory

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: Old Sutherlands Lumber ADDRESS: 300 East Broadway Sedalia MO 65301 LAT/LONG: 38.7040 / 93.2221	CLIENT: Terranext CONTACT: Christopher Kinn INQUIRY #: 02365968.1r DATE: November 18, 2008 12:46 pm

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DETAIL MAP - 02365968.1r



0 1/16 1/8 1/4 Miles

- 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

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: Old Sutherlands Lumber	CLIENT: Terranext
ADDRESS: 300 East Broadway Sedalia MO 65301	CONTACT: Christopher Kinn
LAT/LONG: 38.7040 / 93.2221	INQUIRY #: 02365968.1r
	DATE: November 18, 2008 12:46 pm

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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
FEDERAL RECORDS								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.500	0	0	0	NR	NR	0
LIENS 2		TP	NR	NR	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRA-TSDF		0.500	0	0	0	NR	NR	0
RCRA-LQG		0.250	0	0	NR	NR	NR	0
RCRA-SQG		0.250	0	1	NR	NR	NR	1
RCRA-CESQG		0.250	0	0	NR	NR	NR	0
RCRA-NonGen		0.250	0	0	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
ERNS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
DOT OPS		TP	NR	NR	NR	NR	NR	0
US CDL		TP	NR	NR	NR	NR	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
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
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
STATE AND LOCAL RECORDS								
SHWS		1.000	0	0	0	0	NR	0
DEL SHWS		1.000	0	0	0	0	NR	0
SWF/LF		0.500	0	0	0	NR	NR	0
HIST LF		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
LUST		0.500	3	0	5	NR	NR	8
UST		0.250	5	2	NR	NR	NR	7
LAST		0.500	0	0	0	NR	NR	0
AST		0.250	0	0	NR	NR	NR	0
SPILLS		TP	NR	NR	NR	NR	NR	0
AUL		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
BROWNFIELDS		0.500	0	0	0	NR	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
MO RRC		TP	NR	NR	NR	NR	NR	0
NPDES		TP	NR	NR	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
TRIBAL RECORDS								
INDIAN RESERV		1.000	0	0	0	0	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
INDIAN VCP		0.500	0	0	0	NR	NR	0
EDR PROPRIETARY RECORDS								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1
East
< 1/8
0.057 mi.
303 ft.

SALTY'S
641 E BROADWAY
SEDALIA, MO 65301

UST U001160863
N/A

Site 1 of 3 in cluster A

Relative:
Lower

UST:
Facility ID: ST0006352

Actual:
899 ft.

Owner:
Owner ID: OW04817
Owner Name: KATY RAILROAD
Owner Address: 641 E BROADWAY
Owner City,St,Zip: SEDALIA, MO 65301
Owner County Code: 159
Owner Phone: 8264123
Mail Was Not Deliverable: Yes
Is Owner Active?: No
Date Registration Received: Not reported
Date Record Added: 06/30/1995 00:00:00
Date Record Edited: 08/26/1996 00:00:00
Name of Person Editing Record: N$HOEGR

Comments: Not reported

Tank ID: 1
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: No
Date Tank Installed: 1/1/1976
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: 4/14/1987
Date Tank Permanently Closed/ Removed: 12/1/1989
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: 8/26/1996
Person Adding/Editing Record: N$HOEGR
Amt Assessed By Current Cycle: 0
Amount Curently Due: 0
Date Of NFA Letter: 12/1/1989
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: Not reported
Date Of Aprroval Letter: Not reported
Firm Closing Tank: Not reported
Date Closure Report Received: Not reported
Registration End Date: Not reported

SALTY'S (Continued) **U001160863**

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

Tank Compartment:

Tank Compartment PK:	15898
Tank PK:	15898
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
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:	04/14/1987 00:00:00
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:	1/1/1976
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:	4/14/1987
Date Tank Permanently Closed/ Removed:	12/1/1989
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

SALTY'S (Continued) U001160863

Date Record Edited:	8/26/1996
Person Adding/Editing Record:	NSHOEGR
Amt Assessed By Current Cycle:	0
Amount Curently Due:	0
Date Of NFA Letter:	12/1/1989
Is Tank Used For Emergency Generator:	No
Date Closure Notice Received:	Not reported
Date Of Aprroval Letter:	Not reported
Firm Closing Tank:	Not reported
Date Closura Report Received:	Not reported
Registration End Date:	Not reported
LockDut Flag:	No
Site Useage:	Not reported
Risk Type:	Not reported
Soil Type:	Not reported
GW Flow:	Not reported
Offsite Impect:	Not reported
Free Product:	Not reported
Drinking Water:	Not reported

Tank Compartment:

Tank Compartment PK:	15899
Tank PK:	15899
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
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 Substence:	Not reported
Case Number:	Not reported
Mixture:	0
Date of Last Use:	04/14/1987 00:00:00
Spill Protection:	0
Tanks Use:	0

A2 **UNION PACIFIC RAILROAD** LUST S104395528
East **651 E BROADWAY** N/A
< 1/8 **SEDALIA, MO 65301**
0.071 mi.
375 ft. **Site 2 of 3 in cluster A**

Relative: **Lower**

Actual: **898 ft.**

LUST:

Facility ID:	ST5800077
Region:	KC
Spill Number:	Not reported
Release Date:	11/13/1990
Release Type:	UNDERGROUND STORAGE TANK
Source:	Not reported
Media Affected:	SOIL

UNION PACIFIC RAILROAD (Continued) S104395528

Date Cleanup Started:	11/13/1990
Date Cleanup Finished:	11/12/1999
Active:	No
Date Of NFA Letter From DNR:	**Not reported**
Date Record Meets Archive Criteria:	Not reported
Remediation ID:	R001999
Funding Agency:	1
Rank:	Not reported
Emergeny Response Date:	Not reported
Emergency Cleanup Start:	Not reported
Referred To DGLS for Investigation:	Not reported
Contractor Performing Clean Up:	ENVIRONMENTAL DECISION GROUP, INC
Remediation Techniques:	Excavation
RBCA NFA:	0
Project Manager:	L
Next Correspondence/Update With Fac:	Not reported
Date Added:	6/30/1995
Date Record Edited:	1/19/2000
Person Adding Or Editing Record:	NREQHW-MURRH
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:	9/30/2003
Lust 2b Flag:	-1
Lust 2b Flag Date:	9/30/2008
Lust 3a Flag:	-1
Lust 3a Flag Date:	9/30/2003
Lust 3b Flag:	-1
Lust 3b Flag Date:	9/30/2008
Lust 4 Flag:	0
Lust 4 Flag Date:	Not reported
Lat/Long (dms):	Not reported
Comments:	USTs removed, exc 3500 tons soil. soil & gw samples < cu 11-12-99 vg rev well closure doc. site can be closed.

A3
East
< 1/8
0.071 mi.
375 ft.

UNION PACIFIC RAILROAD
651 E BROADWAY
SEDALIA, MO 65301

UST U003980725
N/A

Site 3 of 3 in cluster A

Relative:
Lower

UST:
Facility ID: ST5800077

Actual:
898 ft.

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

UNION PACIFIC RAILROAD (Continued) U003980725

Comments: 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
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 Aprroval 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

B4 **MISSOURI PUBLIC SERVICE** **UST** **U003980972**
SSW **INGRAM & 9TH** **N/A**
< 1/8 **SEDALIA, MO 65301**
0.074 mi.
391 ft. **Site 1 of 5 in cluster B**

Relative:
Higher

UST:
Facility ID: ST5800482

Actual:
906 ft.

Owner:
Owner ID: Not reported
Owner Name: Not reported

MISSOURI PUBLIC SERVICE (Continued) U003980972

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

Comments: 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
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 Aprroval 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

B5 **SEDALIA MAINTENANCE SHOP** UST U000752854
SSW **9TH & INGRAM** N/A
< 1/8 **SEDALIA, MO 65301**
0.074 mi.
391 ft. **Site 2 of 5 in cluster B**

Relative: UST:
Higher Facility ID: ST0004152

Actual: Owner:
906 ft. Owner ID: OW02228
Owner Name: UTILICORP UNITED INC DBA MO PUB SER
Owner Address: 10700 E 350 HWY
Owner City,St,Zip: KANSAS CITY, MO 64138
Owner County Code: 95
Owner Phone: 5255627
Mail Was Not Deliverable: No
Is Owner Active?: No
Date Registration Received: Not reported
Date Record Added: 06/30/1995 00:00:00
Date Record Edited: 09/22/1998 00:00:00
Name of Person Editing Record: NRSVIETS

Comments: 1-2000 GAL GAS

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: Present
Other Type Tank Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 11/12/1992
Date Tank Permanently Closed/ Removed: 11/12/1992
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: 11/12/1992
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: 9/16/1992
Date Of Aprroval Letter: 11/12/1992
Firm Closing Tank: MISSOURI PUBLIC SERVICE
Date Closure Report Received: Not reported
Registration End Date: Not reported

SEDALIA MAINTENANCE SHOP (Continued) **U000752854**

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

Tank Compartment:
Tank Compartment PK: 10103
Tank PK: 10103
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: 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: 11/12/1992 00:00:00
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: Not reported
Other Type Tank Extrn Protec: Not reported
Tank External Protec Date: Not reported
Date Tank Last Used: 2/3/1992
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

SEDALIA MAINTENANCE SHOP (Continued) U000752854

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 Aprroval 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

Tank Compartment:

Tank Compartment PK:	10104
Tank PK:	10104
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:	Other
Substance Other:	Not reported
Hazerdous Substance:	Not reported
Case Number:	Not reported
Mixture:	0
Date of Last Use:	02/03/1992 00:00:00
Spill Protection:	0
Tanks Use:	0

B6 **MISSOURI PUBLIC SERVICE** LUST S104395808
SSW **INGRAM / 9TH** N/A
< 1/8 **SEDALIA, MO 65301**
0.074 mi.
391 ft. **Site 3 of 5 in cluster B**

Relative: LUST:
Higher

Facility ID:	ST5800482
Region:	KC
Actual: Spill Number:	Not reported
906 ft. Release Date:	9/28/1992
Release Type:	UNDERGROUND STORAGE TANK
Source:	Not reported
Media Affected:	SOIL

MISSOURI PUBLIC SERVICE (Continued) S104395808

Date Cleanup Started:	9/28/1992
Date Cleanup Finished:	11/12/1992
Active:	No
Date Of NFA Letter From DNR:	**Not reported**
Date Record Meets Archive Criteria:	Not reported
Remediation ID:	R003526
Funding Agency:	1
Rank:	Not reported
Emergeny 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:	6/30/1995
Date Record Edited:	11/10/1998
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:	9/30/2003
Lust 2b Flag:	-1
Lust 2b Flag Date:	9/30/2008
Lust 3a Flag:	-1
Lust 3a Flag Date:	9/30/2003
Lust 3b Flag:	-1
Lust 3b Flag Date:	9/30/2008
Lust 4 Flag:	0
Lust 4 Flag Date:	Not reported
Lat/Long (dms):	Not reported

Comments: Not reported

B7 **MISSOURI PUBLIC SERVICE COMMISSION** **UST** **U003980561**
SSW **9TH & INGRAM** **N/A**
< 1/8 **SEDALIA, MO 65301**
0.074 mi.
391 ft. **Site 4 of 5 in cluster B**

Relative: UST:
Higher

Facility ID:	ST5700098

Actual: Owner:
906 ft.

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

MISSOURI PUBLIC SERVICE COMMISSION (Continued) U003980561

Comments: Not reported

Tank ID: Not reported
Tank Double Wall: Not reported
Tank Type: Not reported
Tank Status: Not reported
Meet 98 Updete 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
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 Aprroval 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

B8 **MISSOURI PUBLIC SERVICE COMMISSION** LUST S104908456
SSW **9TH / INGRAM** N/A
< 1/8 **SEDALIA, MO 65301**
0.074 mi.
391 ft. **Site 5 of 5 in cluster B**

Relative: LUST:
Higher
Facility ID: ST5700098
Region: KC
Actual: Spill Number: Not reported
906 ft. Release Date: 12/21/1989
Release Type: UNDERGROUND STORAGE TANK

MISSOURI PUBLIC SERVICE COMMISSION (Continued) **S104908456**

Source:	Not reported
Media Affected:	Not reported
Date Cleanup Started:	12/21/1989
Date Cleanup Finished:	1/27/1992
Active:	No
Date Of NFA Letter From DNR:	**Not reported**
Date Record Meets Archive Criteria:	Not reported
Remediation ID:	R001559
Funding Agency:	1
Rank:	Not reported
Emergeny 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:	6/30/1995
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:	9/30/2003
Lust 2b Flag:	-1
Lust 2b Flag Date:	9/30/2008
Lust 3a Flag:	-1
Lust 3a Flag Date:	9/30/2003
Lust 3b Flag:	-1
Lust 3b Flag Date:	9/30/2008
Lust 4 Flag:	0
Lust 4 Flag Date:	Not reported
Lat/Long (dms):	Not reported

Comments: Not reported

9
NE
1/8-1/4
0.190 mi.
1002 ft.

DLCS SEDALIA FIRE DEPARTMENT
600 S HANCOCK
SEDALIA, MO 65301

RCRA-SQG **1001228996**
FINDS **MOR000024521**

Relative:
Higher

Actual:
908 ft.

RCRA-SQG:

Date form received by agency:	12/21/1998
Facility name:	DLCS SEDALIA FIRE DEPARTMENT
Facility address:	600 S HANCOCK SEDALIA, MO 65301
EPA ID:	MOR000024521
Mailing address:	PO BOX 176 JEFFERSON CITY, MO 65102
Contact:	BRAD HARRIS
Contact address:	PO BOX 176 JEFFERSON CITY, MO 65102
Contact country:	US
Contact telephone:	(573) 526-4794
Contact email:	Not reported
EPA Region:	07

DLCS SEDALIA FIRE DEPARTMENT (Continued) **1001228996**

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: MO DEPT OF NATURAL RESOURCES
Owner/operator address: PO BOX 176
JEFFERSON CITY, MO 65102
Owner/operator country: Not reported
Owner/operator telephone: (573) 526-3315
Legal status: State
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: D000
Waste name: Not Defined

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: 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

DLCS SEDALIA FIRE DEPARTMENT (Continued) **1001228996**

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: D018
Waste name: BENZENE

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

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.

10
NNW
1/8-1/4
0.192 mi.
1016 ft.

US RENTS IT
530 E 5TH ST
SEDALIA, MO 65301

UST U000753979
N/A

Relative:
Higher

Actual:
910 ft.

UST:
Facility ID: ST0006326

Owner:
Owner ID: OW01519
Owner Name: US & GENTGES INCORPORATED d/b/a US RENTS-IT
Owner Address: 1513 INDUSTRIAL DRIVE
Owner City,St,Zip: JEFFERSON CITY, MO 65101
Owner County Code: 51
Owner Phone: 6364105
Mail Was Not Deliverable: No
Is Owner Active?: No
Date Registration Received: Not reported
Date Record Added: 06/30/1995 00:00:00
Date Record Edited: 06/20/2006 00:00:00
Name of Person Editing Record: PURVIS, K

Comments: 1-1000 GAL GAS

Tank ID: 1
Tank Double Wall: 0

US RENTS IT (Continued) U000753979

Tank Type: Below Ground
Tank Status: Permanently Closed in place
Meet 98 Update Requirements: No
Date Tank Installed: 1/1/1956
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: 6/1/1984
Date Tank Permanently Closed/ Removed: 6/1/1984
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: 7/11/1996
Person Adding/Editing Record: Not reported
Amt Assessed By Current Cycle: 0
Amount Currently Due: 0
Date Of NFA Letter: 6/1/1984
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

Tank Compartment:
Tank Compartment PK: 15847
Tank PK: 15847
Compartment No: 1
Compartment Status: Permanently Closed in place
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: Empty
Substance Other: Not reported

US RENTS IT (Continued) U000753979

Hazardous Substance: Not reported
Case Number: Not reported
Mixture: 0
Date of Last Use: 06/01/1984 00:00:00
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: 1/1/1985
Tank Material: Steel
Other Type Of Tank Material: Not reported
Tank Internal Protection: Other
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: 8/18/1994
Date Tank Permanently Closed/ Removed: 8/18/1994
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: 7/11/1996
Person Adding/Editing Record: Not reported
Amt Assessed By Current Cycle: 0
Amount Curently Due: 0
Date Of NFA Letter: 8/18/1994
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: 5/4/1993
Date Of Aprroval Letter: 8/18/1994
Firm Closing Tank: U.S. & GENTGES
Date Closure Report Received: 8/16/1994
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

Tank Compartment:
Tank Compartment PK: 15848
Tank PK: 15848
Compartment No: 1
Compartment Status: Removed

US RENTS IT (Continued) U000753979

Compartment Temp Verified Dt:	Not reported
Capacity:	1000
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:	08/16/1994 00:00:00
Spill Protection:	0
Tanks Use:	0

11
East
1/8-1/4
0.228 mi.
1206 ft.

BREAK TIME #3083 UST U000749106
808 E BROADWAY N/A
SEDALIA, MO 65301

Relative:
Lower

Actual:
892 ft.

UST:
Facility ID: ST0002295

Owner:
Owner ID: OW10215
Owner Name: MFA PETROLEUM COMPANY
Owner Address: PO BOX 519
Owner City,St,Zip: COLUMBIA, MO 65205
Owner County Code: 19
Owner Phone: 4420171
Mail Was Not Deliverable: No
Is Owner Active?: Yes
Date Registration Received: Not reported
Date Record Added: 06/30/1995 00:00:00
Date Record Edited: 06/08/2007 00:00:00
Name of Person Editing Record: KIRCHNER, M

Comments: Not reported

Tank ID: 1
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Curently in use
Meet 98 Update Requirements: Yes
Date Tank Installed: 5/27/1987
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: Sacrificial
Other Type Tank Extrn Protec: Not reported
Tank External Protec Date: 5/9/2002

BREAK TIME #3083 (Continued) **U000749106**

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
Temporery 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:	10/25/2007
Person Adding/Editing Record:	MASCHLER, H.
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 Aprroval Letter:	Not reported
Firm Closing Tank:	Not reported
Date Closure Report Received:	Not reported
Registration End Date:	9/30/2013
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

Tank Compartment:

Tank Compartment PK:	5790
Tank PK:	5790
Compartment No:	1
Compartment Status:	Curently in use
Compartment Temp Verified Dt:	Not reported
Capacity:	10000
Pipe Installation Dt:	01/02/1997 00:00:00
Pipe System:	1
Pipe Material:	2
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:	-1
Tanks Use:	0

Tank ID:	2
Tank Double Wall:	0
Tank Type:	Below Ground

BREAK TIME #3083 (Continued) U000749106

Tank Status:	**Curently in use**
Meet 98 Update Requirements:	Yes
Date Tank Installed:	5/27/1987
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:	Sacrificial
Other Type Tank Extrn Protec:	Not reported
Tank External Protec Date:	5/9/2002
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:	6/30/1995
Date Record Edited:	10/25/2007
Person Adding/Editing Record:	MASCHLER, H.
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 Aprroval Letter:	Not reported
Firm Closing Tank:	Not reported
Date Closure Report Received:	Not reported
Registration End Date:	9/30/2013
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

Tank Compartment:

Tank Compartment PK:	5791
Tank PK:	5791
Compartment No:	1
Compartment Status:	Curently in use
Compartment Temp Verified Dt:	Not reported
Capacity:	10000
Pipe Installation Dt:	01/02/1997 00:00:00
Pipe System:	1
Pipe Material:	2
Pipe Material Other:	Not reported
Pipe Protection:	Not reported
Pipe Protection Dt:	Not reported
Pipe Double Wall:	0
Substance:	Ethanol / E85
Substance Other:	Not reported
Hazardous Substance:	Not reported

BREAK TIME #3083 (Continued) U000749106

Case Number:	Not reported
Mixture:	0
Date of Last Use:	Not reported
Spill Protection:	-1
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:	1/1/1981
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:	1/1/1987
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:	2/4/1999
Date Record Edited:	Not reported
Person Adding/Editing Record:	NREQHW-FASTT
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 Aprrovel 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

Tank Compartment:

Tank Compartment PK:	5792
Tank PK:	5792
Compartment No:	1
Compartment Status:	Removed
Compartment Temp Verified Dt:	Not reported

BREAK TIME #3083 (Continued) U000749106

Capacity:	12000
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:	01/01/1987 00:00:00
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:	1/1/1981
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:	1/1/1987
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:	2/4/1999
Date Record Edited:	2/4/1999
Person Adding/Editing Record:	NREQHW-FASTT
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 Aprroval 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

BREAK TIME #3083 (Continued) **U000749106**

Soil Type: Not reported
GW Flow: Not reported
Offsite Impact: Not reported
Free Product: Not reported
Drinking Water: Not reported

Tank Compartment:
Tank Compartment PK: 5793
Tank PK: 5793
Compartment No: 1
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 12000
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: 01/01/1987 00:00:00
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: 1/1/1981
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: 1/1/1987
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: 2/4/1999
Date Record Edited: Not reported
Person Adding/Editing Record: NREQHW-FASTT
Amt Assessed By Current Cycle: 0

BREAK TIME #3083 (Continued) U000749106

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 Aprroval 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

Tank Compartment:

Tank Compartment PK:	5794
Tank PK:	5794
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
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:	01/01/1987 00:00:00
Spill Protection:	0
Tanks Use:	0

12
South
1/4-1/2
0.348 mi.
1826 ft.

BOTHWELL REGIONAL HEALTH CENTER
601 E 14TH
SEDALIA, MO 65301

RCRA-SQG **1000830707**
FINDS **MOD985820042**
LUST

Relative:
Higher

Actual:
903 ft.

RCRA-SQG:

Date form received by agency:	03/15/1993
Facility name:	BOTHWELL REGIONAL HEALTH CENTER
Facility address:	601 E 14TH SEDALIA, MO 65301
EPA ID:	MOD985820042
Mailing address:	E 14TH SEDALIA, MO 65301
Contact:	DAVID SMITH
Contact address:	PO BOX 469GMF SPRINGFIELD, MO 658010469

BOTHWELL REGIONAL HEALTH CENTER (Continued) **1000830707**

Contact country:	US
Contact telephone:	(417) 831-5052
Contact email:	Not reported
EPA Region:	07
Land type:	Municipal
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:	BOTHWELL REGIONAL HEALTH CENTER
Owner/operator address:	601 E 14TH SEDALIA, MO 65301
Owner/operator country:	Not reported
Owner/operator telephone:	(816) 826-8833
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:	D098
Waste name:	D098

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date:	07/25/2003
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State

FINDS:

Other Pertinent Environmental Activity Identified at Site

BOTHWELL REGIONAL HEALTH CENTER (Continued) 1000830707

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.

LUST:

Facility ID:	ST0006360
Region:	KC
Spill Number:	Not reported
Release Date:	10/26/1992
Release Type:	UNDERGROUND STORAGE TANK
Source:	Not reported
Media Affected:	Not reported
Date Cleanup Started:	3/2/1993
Date Cleanup Finished:	5/18/1993
Active:	No
Date Of NFA Letter From DNR:	Not reported
Date Record Meets Archive Criteria:	Not reported
Remediation ID:	R003617
Funding Agency:	1
Rank:	Not reported
Emergeny 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:	6/30/1995
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:	9/30/2003
Lust 2b Flag:	-1
Lust 2b Flag Date:	9/30/2008
Lust 3a Flag:	-1
Lust 3a Flag Date:	9/30/2003
Lust 3b Flag:	-1
Lust 3b Flag Date:	9/30/2008

BOTHWELL REGIONAL HEALTH CENTER (Continued) **1000830707**

Lust 4 Flag: 0
Lust 4 Flag Date: Not reported
Lat/Long (dms): Not reported
Comments: Not reported

13
NE
1/4-1/2
0.405 mi.
2137 ft.

VEHICLE MAINTENANCE FACILITY
901 E 3RD ST
SEDALIA, MO 65301

LUST U001829566
UST N/A

Relative:
Higher

Actual:
908 ft.

LUST:

Facility ID:	ST0008742
Region:	KC
Spill Number:	Not reported
Release Date:	5/5/1992
Release Type:	UNDERGROUND STORAGE TANK
Source:	Not reported
Media Affected:	Not reported
Date Cleanup Started:	5/5/1992
Date Cleanup Finished:	12/29/1992
Active:	No
Date Of NFA Letter From DNR:	**Not reported**
Date Record Meets Archive Criteria:	Not reported
Remediation ID:	R003332
Funding Agency:	1
Rank:	Not reported
Emergeny 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:	6/30/1995
Date Record Edited:	3/22/1999
Person Adding Or Editing Record:	NREQHW-GARRV
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:	9/30/2003
Lust 2b Flag:	-1
Lust 2b Flag Date:	9/30/2008
Lust 3a Flag:	-1
Lust 3a Flag Date:	9/30/2003
Lust 3b Flag:	-1
Lust 3b Flag Date:	9/30/2008
Lust 4 Flag:	0
Lust 4 Flag Date:	Not reported
Lat/Long (dms):	Not reported

Comments: Not reported

UST:
Facility ID: ST0008742

VEHICLE MAINTENANCE FACILITY (Continued) U001829566

Owner:
Owner ID: OW04818
Owner Name: CITY OF SEDALIA
Owner Address: 200 S OSAGE, MUNICIPAL BLDG
Owner City,St,Zip: SEDALIA, MO 65301
Owner County Code: 159
Owner Phone: 8273000
Mail Was Not Deliverable: No
Is Owner Active?: Yes
Date Registration Received: Not reported
Date Record Added: 06/30/1995 00:00:00
Date Record Edited: 04/19/1999 00:00:00
Name of Person Editing Record: NREQHW-LENOM

Comments: Not reported

Tank ID: 1
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: No
Date Tank Installed: 1/1/1982
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: 12/5/1998
Date Tank Permanently Closed/ Removed: 11/16/1998
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: 4/9/1996
Person Adding/Editing Record: Not reported
Amt Assessed By Current Cycle: 0
Amount Curently Due: 0
Date Of NFA Letter: 11/16/1998
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: 11/10/1998
Date Of Aprroval Letter: 11/16/1998
Firm Closing Tank: CRS
Date Closure Report Received: 3/17/1999
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

VEHICLE MAINTENANCE FACILITY (Continued) U001829566

Free Product: Not reported
Drinking Water: Not reported

Tank Compartment:
Tank Compartment PK: 21812
Tank PK: 21812
Compartment No: 1
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 5000
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: 12/05/1998 00:00:00
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: 1/1/1982
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: 12/5/1998
Date Tank Permanently Closed/ Removed: 11/16/1998
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: 4/9/1996
Person Adding/Editing Record: Not reported
Amt Assessed By Current Cycle: 0
Amount Curently Due: 0
Date Of NFA Letter: 11/16/1998
Is Tank Used For Emergency Generator: No

VEHICLE MAINTENANCE FACILITY (Continued) U001829566

Date Closure Notice Received:	11/10/1998
Date Of Aprroval Letter:	11/16/1998
Firm Closing Tank:	CRS
Date Closure Report Received:	3/17/1999
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

Tank Compartment:

Tank Compartment PK:	21813
Tank PK:	21813
Compartment No:	1
Compartment Status:	Removed
Compartment Temp Verified Dt:	Not reported
Capacity:	5000
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:	12/05/1998 00:00:00
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:	1/1/1982
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:	12/5/1998
Date Tank Permanently Closed/ Removed:	11/16/1998
Tank Fees Waived:	No
Expedite Closure On Tank?:	No
Responsible Person Expediting Closure:	Not reported

VEHICLE MAINTENANCE FACILITY (Continued) **U001829565**

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:	4/9/1996
Person Adding/Editing Record:	admin 8/5/98
Amt Assessed By Current Cycle:	0
Amount Curently Due:	0
Date Of NFA Letter:	11/16/1998
Is Tank Used For Emergency Generator:	No
Date Closure Notice Received:	11/10/1998
Date Of Aprroval Letter:	11/16/1998
Firm Closing Tank:	CRS
Date Closure Report Received:	3/17/1999
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

Tank Compartment:

Tank Compartment PK:	21814
Tank PK:	21814
Compartment No:	1
Compartment Status:	Removed
Compartment Temp Verified Dt:	Not reported
Capacity:	5000
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:	12/05/1998 00:00:00
Spill Protection:	0
Tanks Use:	0

Tank ID:	4
Tank Double Wall:	0
Tank Type:	Below Ground
Tank Status:	**Curently in use**
Meet 98 Update Requirements:	Yes
Date Tank Installed:	12/22/1998
Tank Material:	Fiberglass
Other Type Of Tank Material:	Not reported

VEHICLE MAINTENANCE FACILITY (Continued) U001829566

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:	6/2/1999
Date Record Edited:	6/14/1999
Person Adding/Editing Record:	NREQHW-WILDB
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 Aprroval Letter:	Not reported
Firm Closing Tank:	Not reported
Date Closure Report Received:	Not reported
Registration End Date:	9/30/2010
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

Tank Compartment:

Tank Compartment PK:	21815
Tank PK:	21815
Compartment No:	1
Compartment Status:	Curently in use
Compartment Temp Verified Dt:	Not reported
Capacity:	20000
Pipe Installation Dt:	Not reported
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:	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:	-1
Tanks Use:	0

14 **QUICK RUN** LUST U000749664
West **216 W BROADWAY** UST N/A
1/4-1/2 **SEDALIA, MO 65301**
0.407 mi.
2148 ft.

Relative: **Higher**

Actual: **910 ft.**

LUST:

Facility IO:	ST0010593
Region:	KC
Spill Number:	Not reported
Release Date:	10/8/1981
Release Type:	UNDERGROUND STORAGE TANK
Source:	12
Media Affected:	OFF SITE, SOIL
Date Cleanup Started:	10/1/1991
Date Cleanup Finished:	11/14/2006
Active:	No
Date Of NFA Letter From DNR:	**11/20/2006**
Date Record Meets Archive Criteria:	9/5/2007
Remediation ID:	R001019
Funding Agency:	12
Rank:	53
Emergeny Response Date:	8/13/1986
Emergency Cleanup Start:	Not reported
Referred To DGLS for Investigation:	Not reported
Contractor Performing Clean Up:	Philip Environmental Services Corp.
Remediation Techniques:	Corrective Action, Excavation, Monitoring, Soil Vapor Extraction, Tank Closure
RBCA NFA:	-1
Project Manager:	M
Next Correspondence/Update With Fac:	Not reported
Date Added:	6/30/1995
Date Record Edited:	4/6/2007
Person Adding Or Editing Record:	CHIBNALL, T
Facility Sent To State Archive:	No
Date Remediation Unit Closed The File:	Not reported
Site Affecid By Funding Level From PSTIF:	No
Lust 2a Flag:	-1
Lust 2a Flag Date:	1/1/1900
Lust 2b Flag:	-1
Lust 2b Flag Date:	9/30/2003
Lust 3a Flag:	-1
Lust 3a Flag Date:	1/1/1900
Lust 3b Flag:	-1
Lust 3b Flag Date:	3/31/2007
Lust 4 Flag:	0
Lust 4 Flag Date:	Not reported
Lat/Long (dms):	38 42 16 / 93 13 50

Comments: 7/25/95 JM REQUESTED EXPLANATION FOR CONTAMINANT INCREASE IN GROUNDWATER. ADDITIONAL CORRECTIVE ACTION MAY BE REQUIRED. REQUESTED SVE UPDATE. 6/13/96 SJ ASSESSMENT OF JUNE 95 GROUNDWATER MONITORING RESULTS INDICATE PRESISTENT GW CONTAMINATION. NEED FURTHER CAP (TQ REMOVE GROUND WATER CONTAMINATION) & FURTHER ASSESSMENT DOWNGRADIENT FROM MW-CMW-6. 3/4/98 vg approved work plan for installation of dg well. 10/7/99 HRM Sent status update letter. 12/01/99 HRM Received letter from contractor stating the workplan is forthcoming. 08/02/00 HRM Reviewed 2nd qtr GWM rpt. 01/19/01 HRM Reviewed 3rd qtr GWM rpt. 4/24/01 TH reveiwed 4th qtr GWM and HVE. 5/25/01 TH reviewed workplan for total fluid recovery and gwm. 10/23/01 TH reviewed revised workplan 2/19/02 TH revieved copy of letter sent to current owner about new

QUICK RUN (Continued) **U000749664**

release. Evidently tank tightness test failed. We do not have a copy. 5/7/02 TH reviewed gwm report. 8/9/02 TH reviewed gwm report 3-5-03; LJB, rcv'd PSTIFltr RE: GWM requested 3-4-03, probably related to vapors in duplex ER. 10-16-03; LJB, rvw'd ER GWM rpt, 5 wells hot, no FP, nothing to surprizing. New consultant is Philip Environmental Services Corp. Rvw'd ER Summery report, ER appears abated.Need CAP, 60 days. 5-14-04; rvw'd 6-03 air sampling data, benzene at 4 ppbv or less. Also rvw'd WP for qtrly air sampling and air ventring if required, approved. PESC wants to do MRCA, approved. 90 days roe RBCA & RMP. 7-20-04; LJB, rvw'd WP for add SC, 8 DP boreholes + 3 new MWs, approv'd. Also, collect air samples, approved. Agree w/ proposal to do MRBCA. 2-15-05; LJB, rvw'd copy of revised cost estimate sent to PSTIF. WP has been apprv'd. No response needed. 3-2-05; LJB, Paul Anderson with PSI called to discluss site. Delay in SC field work hasa been caused by off-site access delays. He expects to resolve and have report(s) by July 1, 2005. 6-15-05; LJB, Paul Anderson with PSI called to request 30 day extension for report. Gave verbal approval. 10-4-05; LJB, reviewed site characteization report, 12 direct-push plus 5 soil borings completed as MWs. SC appears complete, 60 days for MRBCA. 1/23/06:HM:Revd T-1 report of 10/17/05. Reqestd response to 6 items. 10/10/06:HM:Revd response of 6/22/06. Approvd one round of GW samples and inspection of subsurface utility. 11/14/06 MA rev vapor screening/groundwater monitoring report along with a Tier 1 MRBCA report. Based on risk assessment, the representative concentrations do not exceed the applicable Tier 1 RBTLs. The remaining impact do not pose threat to human health or the environment. Issued a NOFA letter. 03/16/07 - Received work plan for well abandonment. - LL

UST:
Facility ID: ST0010593

Owner:
Owner ID: OW10827
Owner Name: GARRISON & MUSICK
Owner Address: 673 S. ODELL
Owner City,St,Zip: MARSHALL, MO 65340 2501
Owner County Code: 195
Owner Phone: 8869959
Mail Was Not Deliverable: No
Is Owner Active?: Yes
Date Registration Received: 11/18/1999 00:00:00
Date Record Added: 11/19/1999 00:00:00
Date Record Edited: 04/22/2003 00:00:00
Name of Person Editing Record: PURVIS, K

Comments: Not reported

Tank ID: 1
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: No
Date Tank Installed: 1/1/1968
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: None

QUICK RUN (Continued) **U000749664**

Other Type Tank Extrn Protec:	Not reported
Tank External Protec Date:	Not reported
Date Tank Last Used:	9/1/1991
Date Tank Permanently Closed/ Removed:	10/1/1991
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:	7/31/1996
Person Adding/Editing Record:	N$HOEGR
Amt Assessed By Current Cycle:	0
Amount Curently Due:	0
Date Of NFA Letter:	10/1/1991
Is Tank Used For Emergency Generator:	No
Date Closure Notice Received:	8/23/1991
Date Of Aprroval Letter:	10/1/1991
Firm Closing Tank:	COMMONWEALTH CONSTRUCTION
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

Tank Compartment:

Tank Compartment PK:	26048
Tank PK:	26048
Compartment No:	1
Compartment Status:	Removed
Compartment Temp Verified Dt:	Not reported
Capacity:	7500
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:	09/01/1991 00:00:00
Spill Protection:	0
Tanks Use:	0

Tank ID: 2

QUICK RUN (Continued) U000749664

Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed
Meet 98 Update Requirements: No
Date Tank Installed: 1/1/1968
Tank Material: Steel
Other Type Of Tank Meterial: Not reported
Tank Internal Protection: Not reported
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: 9/1/1991
Date Tank Permanently Closed/ Removed: 10/1/1991
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: 7/31/1996
Person Adding/Editing Record: N$HOEGR
Amt Assessed By Current Cycle: 0
Amount Curently Due: 0
Date Of NFA Letter: 10/1/1991
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: 8/23/1991
Date Of Aprroval Letter: 10/1/1991
Firm Closing Tank: COMMONWEALTH CONSTRUCTION
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

Tank Compartment:
Tank Compartment PK: 26049
Tank PK: 26049
Compartment No: 1
Compartment Status: Removed
Compartment Temp Verified Dt: Not reported
Capacity: 7500
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

QUICK RUN (Continued) U000749664

Substance Other: Not reported
Hazardous Substance: Not reported
Case Number: Not reported
Mixture: 0
Date of Last Use: 09/01/1991 00:00:00
Spill Protection: 0
Tanks Use: 0

Tank ID: 3
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Temporarily out of use
Meet 98 Update Requirements: Yes
Date Tank Installed: 1/1/1991
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: Sacrificial
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: 6/30/1995
Date Record Edited: 1/11/2008
Person Adding/Editing Record: HEISLER, J
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 Aprroval Letter: Not reported
Firm Closing Tank: Not reported
Date Closure Report Received: Not reported
Registration End Date: 9/30/2013
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

Tank Compartment:
Tank Compartment PK: 26050
Tank PK: 26050
Compartment No: 1

QUICK RUN (Continued) U000749664

Compartment Status:	Temporarily out of use
Compartment Temp Verified Dt:	Not reported
Capacity:	12000
Pipe Installation Dt:	01/01/1991 00:00:00
Pipe System:	1
Pipe Material:	2
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:	-1
Tanks Use:	0

Tank ID:	4
Tank Double Wall:	0
Tank Type:	Below Ground
Tank Status:	**Temporarily out of use**
Meet 98 Update Requirements:	Yes
Date Tank Installed:	1/1/1991
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:	Sacrificial
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:	6/30/1995
Date Record Edited:	1/11/2008
Person Adding/Editing Record:	HEISLER, J
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 Aprroval Letter:	Not reported
Firm Closing Tank:	Not reported
Date Closure Report Received:	Not reported
Registration End Date:	9/30/2013
LockOut Flag:	No

QUICK RUN (Continued) **U000749664**

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

Tank Compartment:

Tank Compartment PK:	26051
Tank PK:	26051
Compartment No:	1
Compartment Status:	Temporarily out of use
Compartment Temp Verified Dt:	Not reported
Capacity:	12000
Pipe Installation Dt:	01/01/1991 00:00:00
Pipe System:	1
Pipe Material:	2
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:	-1
Tanks Use:	0

C15 **C MART #9560** LUST U001162860
West **300 W BROADWAY** UST N/A
1/4-1/2 **SEDALIA, MO 65301**
0.454 mi.
2398 ft. **Site 1 of 2 in cluster C**

Relative:
Higher

Actual:
911 ft.

LUST:

Facility ID:	ST0007389
Region:	KC
Spill Number:	Not reported
Release Date:	2/9/1990
Release Type:	UNDERGROUND STORAGE TANK
Source:	Not reported
Media Affected:	Not reported
Date Cleanup Started:	2/9/1990
Date Cleanup Finished:	8/1/1991
Active:	No
Date Of NFA Letter From DNR:	**Not reported**
Date Record Meets Archive Criteria:	Not reported
Remediation ID:	R001302
Funding Agency:	1
Rank:	Not reported
Emergeny Response Date:	Not reported
Emergency Cleanup Start:	Not reported
Referred To DGLS for Investigation:	Not reported
Contractor Performing Clean Up:	Not reported

C MART #9560 (Continued) **U001162860**

Remediation Techniques:	Excavation
RBCA NFA:	0
Project Manager:	L
Next Correspondence/Update With Fac:	Not reported
Date Added:	6/30/1995
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:	9/30/2003
Lust 2b Flag:	-1
Lust 2b Flag Date:	9/30/2008
Lust 3a Flag:	-1
Lust 3a Flag Date:	9/30/2003
Lust 3b Flag:	-1
Lust 3b Flag Date:	9/30/2008
Lust 4 Flag:	0
Lust 4 Flag Date:	Not reported
Lat/Long (dms):	Not reported
Comments: Not reported	

UST:

Facility ID:	ST0007389

Owner:

Owner ID:	OW03807
Owner Name:	COASTAL MART INC
Owner Address:	9 GREENWAY PLAZA SUITE 2810
Owner City,St,Zip:	HOUSTON, TX 77046
Owner County Code:	Not reported
Owner Phone:	6776767
Mail Was Not Deliverable:	No
Is Owner Active?:	No
Date Registration Received:	Not reported
Date Record Added:	06/30/1995 00:00:00
Date Record Edited:	12/01/1998 00:00:00
Name of Person Editing Record:	NRESSD

Comments: Not reported

Tank ID:	1
Tank Double Wall:	0
Tank Type:	Below Ground
Tank Status:	**Removed**
Meet 98 Update Requirements:	No
Date Tank Installed:	1/1/1968
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:	None
Other Type Tank Extrn Protec:	Not reported
Tank External Protec Date:	Not reported
Date Tank Last Used:	8/21/1991

C MART #9560 (Continued) U001162860

Date Tank Permanently Closed/ Removed: 8/21/1991
Tank Fees Waived: Yes
Expedite Closure On Tank?: No
Responsible Person Expediting Closure: Not reported
Temporary Status Verified Date: Not reported
Admin Fee 586: 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: 8/21/1991
Is Tank Used For Emergency Generator: No
Date Closure Notice Received: 4/11/1991
Date Of Aprroval Letter: 8/21/1991
Firm Closing Tank: COASTAL MART
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

Tank Compartment:
Tank Compartment PK: 18680
Tank PK: 18680
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
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: 08/21/1991 00:00:00
Spill Protection: 0
Tanks Use: 0

Tank ID: 2
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Removed

C MART #9560 (Continued) **U001162860**

Meet 98 Update Requirements:	No
Date Tank Installed:	1/1/1968
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:	None
Other Type Tank Extrn Protec:	Not reported
Tank External Protec Date:	Not reported
Date Tank Last Used:	8/21/1991
Date Tank Permanently Closed/ Removed:	8/21/1991
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 Administretively 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:	8/21/1991
Is Tank Used For Emergency Generator:	No
Date Closure Notice Received:	4/11/1991
Date Of Aprroval Letter:	8/21/1991
Firm Closing Tank:	COASTAL MART
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

Tank Compartment:

Tank Compartment PK:	18681
Tank PK:	18681
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
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

C MART #9560 (Continued) **U001162860**

Mixture:	0
Date of Last Use:	08/21/1991 00:00:00
Spill Protection:	0
Tanks Use:	0

C16 **BREAK TIME #3084** LUST U001160862
West **318 W BROADWAY** UST N/A
1/4-1/2 **SEDALIA, MO 65301**
0.466 mi.
2459 ft. **Site 2 of 2 in cluster C**

Relative: LUST:
Higher

Facility ID:	ST0012580
Region:	KC
Actual: Spill Number:	Not reported
911 ft. Release Date:	Not reported
Release Type:	UNKNOWN
Source:	6
Media Affected:	-, SOIL
Date Cleanup Started:	Not reported
Date Cleanup Finished:	Not reported
Active:	Yes
Date Of NFA Letter From DNR:	**Not reported**
Date Record Meets Archive Criteria:	Not reported
Remediation ID:	R007708
Funding Agency:	1
Rank:	30
Emergeny Response Date:	Not reported
Emergency Cleanup Start:	Not reported
Referred To DGLS for Investigation:	Not reported
Contractor Performing Clean Up:	Not reported
Remediation Techniques:	Not reported
RBCA NFA:	0
Project Manager:	M
Next Correspondence/Update With Fac:	2/10/2005
Date Added:	12/19/2003
Date Record Edited:	8/10/2007
Person Adding Or Editing Record:	ALHALABI, M
Facility Sent To State Archive:	No
Date Remediation Unit Closed The File:	Not reported
Site Affecid By Funding Level From PSTIF:	No
Lust 2a Flag:	0
Lust 2a Flag Date:	Not reported
Lust 2b Flag:	0
Lust 2b Flag Date:	Not reported
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):	38 42 18 / 93 13 54

Comments: 12/18/03 kk rev an emergency response report dated April 18, 2003, submitted by MHS Environmental, Incorporated, for the above referenced facility. The report was received on June 18, 2003. The analytical data contained in the report, indicates that soil contamination in excess of the department s cleanup guidelines exists at the site. A site characterization plan to conduct

BREAK TIME #3084 (Continued) **U001160882**

additional investigation to define the extent of contamination should be submitted within 60 days of receipt of this letter. 1/10/05 MAS: Rev'd WP for SC. Prepared under old guidance and omit sect 7 of interim MRBCA. Therefore, asked for new proposal for SC.

UST:
Facility ID: ST0012580

Owner:
Owner ID: OW10215
Owner Name: MFA PETROLEUM COMPANY
Owner Address: PO BOX 519
Owner City,St,Zip: COLUMBIA, MO 65205
Owner County Code: 19
Owner Phone: 4420171
Mail Was Not Deliverable: No
Is Owner Active?: Yes
Date Registration Received: Not reported
Date Record Added: 06/30/1995 00:00:00
Date Record Edited: 06/08/2007 00:00:00
Name of Person Editing Record: KIRCHNER, M

Comments: Not reported

Tank ID: 1
Tank Double Wall: 0
Tank Type: Below Ground
Tank Status: Curently In use
Meet 98 Update Requirements: Yes
Date Tank Installed: 1/1/1978
Tank Material: Steel
Other Type Of Tank Material: Not reported
Tank Internal Protection: Yes
Other Tank Internal Protection: Not reported
Tank Internal Protection Date: 11/5/1991
Tank External Protection: Present
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: 6/30/1995
Date Record Edited: 10/22/2007
Person Adding/Editing Record: MASCHLER, H.
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 Aprroval Letter: Not reported
Firm Closing Tank: Not reported

BREAK TIME #3084 (Continued) **U001160862**

Date Closure Report Received:	Not reported
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

Tank Compartment:

Tank Compartment PK:	31459
Tank PK:	31459
Compartment No:	1
Compartment Status:	Curently in use
Compartment Temp Verified Dt:	Not reported
Capacity:	10000
Pipe Installation Dt:	11/19/1997 00:00:00
Pipe System:	1
Pipe Material:	2
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:	-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:	1/1/1978
Tank Material:	Steel
Other Type Of Tank Material:	Not reported
Tank Internal Protection:	Yes
Other Tank Internal Protection:	Not reported
Tank Internal Protection Date:	11/5/1991
Tank External Protection:	Present
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

BREAK TIME #3084 (Continued) **U001160862**

Registration Fee 586:	75
Date Record Added:	6/30/1995
Date Record Edited:	10/22/2007
Person Adding/Editing Record:	MASCHLER, H.
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 Aprroval Letter:	Not reported
Firm Closing Tank:	Not reported
Date Closure Report Received:	Not reported
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

Tank Compartment:

Tank Compartment PK:	31460
Tank PK:	31460
Compartment No:	1
Compartment Status:	Curently in use
Compartment Temp Verified Dt:	Not reported
Capacity:	10000
Pipe Installation Dt:	11/19/1997 00:00:00
Pipe System:	1
Pipe Material:	2
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:	-1
Tanks Use:	0

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SEDALIA	A100191654	TYSON FEED MILL	HWY 50 TT	65301	AST
SEDALIA	A100191655	HOWARD OIL COMPANY	HIGHWAY 50 WEST	65301	AST
SEDALIA	1000376171	DONS TRUCK TOWING	S 65 HWY	65301	FINDS, RCRA-NonGen
SEDALIA	1002955024	MID MO ELECTRIC CO	HWY 65 S	65301	CERC-NFRAP
SEDALIA	1007106224	TRANS CENTRAL SUPPLIERS INC	4701 S 65 HWY	65301	RCRA-NonGen
SEDALIA	1011489952	WILLIAMS PIPE LINE SEDALIA STATION	HWY 65	65301	RCRA-NonGen
SEDALIA	A100191663	NORTH 65 SINCLAIR TRUCK STOP	22928 HWY 65 NORTH	65301	AST
SEDALIA	A100191664	TEMP STOP #103	HWY 65 S	65301	AST
SEDALIA	S104395867	BREAKTIME MFA	HWY 65 / N OHIO	65301	LUST
SEDALIA	U000284535	GENERAL CONTRACTORS INC	N 65 HWY	65301	UST
SEDALIA	U000751871	MM-41 SEDALIA	HWY 65	65301	UST
SEDALIA	U001160843	BOB'S MARINA	HWY 65 S	65301	UST
SEDALIA	U001160860	NORTH 65 DERBY	HWY 65 N	65301	UST
SEDALIA	U003981012	BREAKTIME MFA	HWY 65 & N OHIO	65301	UST
SEDALIA	1000868624	SHOW ME FABRICATION INC	29723 E HWY 50	65301	RCRA-SQG, FINDS
SEDALIA	1001220878	LAFARGE PETTIS QUARRY	21469 W HWY 50	65301	FINDS, RCRA-NonGen
SEDALIA	A100191660	MUDDY CREEK GENERAL EAGLE STOP	23685 HWY MM	65301	AST
SEDALIA	U003979977	MUDDY CREEK GENERAL STORE	23685 HWY MM	65301	UST
SEDALIA	A100191659	TYSON LIVE HALL	OLD HWY 50	65301	AST
SEDALIA	1003876473	VAN DYKE SITE	N STATE FAIR BLVD & HWY H	65301	CERC-NFRAP
SEDALIA	1007107921	SEDALIA DEPOT KATY TRAIL	3RD ST W OF HANCOCK AVE	65301	RCRA-NonGen

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.

FEDERAL RECORDS

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: 08/13/2008
Date Data Arrived at EDR: 08/27/2008
Date Made Active in Reports: 09/23/2008
Number of Days to Update: 27

Source: EPA
Telephone: N/A
Last EDR Contact: 09/29/2008
Next Scheduled EDR Contact: 01/26/2009
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 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

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: 04/30/2008
Date Data Arrived at EDR: 05/06/2008
Date Made Active in Reports: 06/09/2008
Number of Days to Update: 34

Source: EPA
Telephone: N/A
Last EDR Contact: 09/29/2008
Next Scheduled EDR Contact: 01/26/2009
Data Release Frequency: Quarterly

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: 08/14/2008
Date Data Arrived at EDR: 08/27/2008
Date Made Active in Reports: 09/23/2008
Number of Days to Update: 27

Source: EPA
Telephone: N/A
Last EDR Contact: 09/29/2008
Next Scheduled EDR Contact: 01/26/2009
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPL LIENS: Federal Superfund Liens

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

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

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: No Update Planned

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: 07/09/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 08/25/2008
Number of Days to Update: 34

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 10/16/2008
Next Scheduled EDR Contact: 01/12/2009
Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 12/03/2007
Date Data Arrived at EDR: 12/06/2007
Date Made Active in Reports: 02/20/2008
Number of Days to Update: 76

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 09/15/2008
Next Scheduled EDR Contact: 12/15/2008
Data Release Frequency: Quarterly

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: 08/19/2008
Date Data Arrived at EDR: 08/29/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/11/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/02/2008
Next Scheduled EDR Contact: 12/01/2008
Data Release Frequency: Quarterly

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: 09/10/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: 913-551-7003
Last EDR Contact: 09/23/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Quarterly

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 09/10/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: 913-551-7003
Last EDR Contact: 09/23/2008
Next Scheduled EDR Contact: 11/17/2008
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: 09/10/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: 913-551-7003
Last EDR Contact: 09/23/2008
Next Scheduled EDR Contact: 11/17/2008
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: 09/10/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: 913-551-7003
Last EDR Contact: 09/23/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Varies

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: 09/10/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: 913-551-7003
Last EDR Contact: 09/23/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 07/23/2008
Date Data Arrived at EDR: 07/29/2008
Date Made Active in Reports: 08/25/2008
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 09/29/2008
Next Scheduled EDR Contact: 12/29/2008
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 07/23/2008
Date Data Arrived at EDR: 07/29/2008
Date Made Active in Reports: 08/25/2008
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 06/30/2008
Next Scheduled EDR Contact: 09/29/2008
Data Release Frequency: Varies

ERNS: Emergency Response Notification System

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

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 01/23/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 54

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 10/21/2008
Next Scheduled EDR Contact: 01/19/2009
Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 04/30/2008
Date Data Arrived at EDR: 07/15/2008
Date Made Active in Reports: 08/25/2008
Number of Days to Update: 41

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 10/16/2008
Next Scheduled EDR Contact: 01/12/2009
Data Release Frequency: Annually

DOT OPS: Incident and Accident Data

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

Date of Government Version: 05/14/2008
Date Data Arrived at EDR: 05/28/2008
Date Made Active in Reports: 08/08/2008
Number of Days to Update: 72

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 08/29/2008
Next Scheduled EDR Contact: 11/24/2008
Data Release Frequency: Varies

CDL: Clandestine Drug Labs

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

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/26/2007
Number of Days to Update: 25

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 10/31/2008
Next Scheduled EDR Contact: 12/22/2008
Data Release Frequency: Quarterly

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: 07/01/2008
Date Data Arrived at EDR: 08/25/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 10/16/2008
Next Scheduled EDR Contact: 01/12/2009
Data Release Frequency: Semi-Annually

DOD: Department of Defense Sites

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

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

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 11/07/2008
Next Scheduled EDR Contact: 02/02/2009
Date 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: 12/31/2007
Date Data Arrived at EDR: 09/05/2008
Date Made Active in Reports: 09/23/2008
Number of Days to Update: 18

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 09/05/2008
Next Scheduled EDR Contact: 12/29/2008
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: 09/09/2008
Next Scheduled EDR Contact: 12/08/2008
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: 04/25/2008
Date Data Arrived at EDR: 06/12/2008
Date Made Active in Reports: 08/25/2008
Number of Days to Update: 74

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/20/2008
Next Scheduled EDR Contact: 01/19/2009
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: 06/18/2008
Date Data Arrived at EDR: 07/11/2008
Date Made Active in Reports: 08/25/2008
Number of Days to Update: 45

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/29/2008
Next Scheduled EDR Contact: 12/29/2008
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 07/13/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 09/15/2008
Next Scheduled EDR Contact: 12/15/2008
Data Release Frequency: Varies

ODI: Open Dump Inventory

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

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

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

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

Date of Government Version: 03/25/2008
Date Data Arrived at EDR: 04/17/2008
Date Made Active in Reports: 05/15/2008
Number of Days to Update: 28

Source: EPA, Region 9
Telephone: 415-972-3336
Last EDR Contact: 09/22/2008
Next Scheduled EDR Contact: 12/22/2008
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: 08/07/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/23/2008
Next Scheduled EDR Contact: 12/22/2008
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: 12/31/2006
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 09/19/2008
Next Scheduled EDR Contact: 12/15/2008
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
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 10/14/2008
Next Scheduled EDR Contact: 01/12/2009
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: 07/12/2008
Date Data Arrived at EDR: 07/18/2008
Date Made Active in Reports: 08/25/2008
Number of Days to Update: 38

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 09/15/2008
Next Scheduled EDR Contact: 12/15/2008
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: 07/12/2008
Date Data Arrived at EDR: 07/18/2008
Date Made Active in Reports: 08/25/2008
Number of Days to Update: 38

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 09/15/2008
Next Scheduled EDR Contact: 12/15/2008
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

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

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

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

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

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

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: 12/31/2006
Date Data Arrived at EDR: 03/14/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/14/2008
Next Scheduled EDR Contact: 01/12/2009
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 07/31/2008
Date Data Arrived at EDR: 08/13/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 10/14/2008
Next Scheduled EDR Contact: 01/12/2009
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: 12/04/2007
Date Data Arrived at EDR: 02/07/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 39

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 09/18/2008
Next Scheduled EDR Contact: 11/03/2008
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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

Date of Government Version: 07/08/2008
Date Data Arrived at EDR: 08/05/2008
Date Made Active in Reports: 08/25/2008
Number of Days to Update: 20

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 09/29/2008
Next Scheduled EDR Contact: 12/29/2008
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: 07/29/2008
Date Data Arrived at EDR: 07/31/2008
Date Made Active in Reports: 08/25/2008
Number of Days to Update: 25

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 10/29/2008
Next Scheduled EDR Contact: 01/26/2009
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/01/2008
Date Data Arrived at EDR: 07/09/2008
Date Made Active in Reports: 08/25/2008
Number of Days to Update: 47

Source: EPA
Telephone: (913) 551-7003
Last EDR Contact: 09/29/2008
Next Scheduled EDR Contact: 12/29/2008
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
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

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

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: 12/31/2005
Date Data Arrived at EDR: 03/06/2007
Date Made Active in Reports: 04/13/2007
Number of Days to Update: 38

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/12/2008
Next Scheduled EDR Contact: 12/08/2008
Data Release Frequency: Biennially

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: 09/08/2008
Date Data Arrived at EDR: 09/10/2008
Date Made Active in Reports: 09/23/2008
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/10/2008
Next Scheduled EDR Contact: 02/09/2009
Data Release Frequency: Varies

STATE AND LOCAL RECORDS

HWS DETAIL: Registry Annual Report

Each site is described in detail in this annual report and includeds 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: 06/30/2007
Date Data Arrived at EDR: 04/29/2008
Date Made Active in Reports: 05/30/2008
Number of Days to Update: 31

Source: Department of Natural Resources
Telephone: 573-751-3176
Last EDR Contact: 09/29/2008
Next Scheduled EDR Contact: 12/29/5007
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/06/2008
Date Data Arrived at EDR: 10/07/2008
Date Made Active in Reports: 11/10/2008
Number of Days to Update: 34

Source: Department of Natural Resources
Telephone: 573-751-1990
Last EDR Contact: 10/06/2008
Next Scheduled EDR Contact: 12/22/2008
Data Release Frequency: Quarterly

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
Date Data Arrived at EDR: 06/29/2006
Date Made Active in Reports: 07/18/2006
Number of Days to Update: 19

Source: Department of Natural Resources
Telephone: 573-522-3710
Last EDR Contact: 10/06/2008
Next Scheduled EDR Contact: 12/22/2008
Data Release Frequency: Annually

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: 11/03/2008
Date Data Arrived at EDR: 11/03/2008
Date Made Active in Reports: 11/10/2008
Number of Days to Update: 7

Source: Department of Natural Resources
Telephone: 573-751-5401
Last EDR Contact: 10/27/2008
Next Scheduled EDR Contact: 01/12/2009
Data Release Frequency: Quarterly

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
Date Data Arrived at EDR: 07/19/2006
Date Made Active in Reports: 08/18/2006
Number of Days to Update: 30

Source: Department of Natural Resources
Telephone: 573-751-5401
Last EDR Contact: 10/14/2008
Next Scheduled EDR Contact: 01/12/2009
Data Release Frequency: No Update Planned

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: 09/26/2008
Date Data Arrived at EDR: 10/08/2008
Date Made Active in Reports: 11/10/2008
Number of Days to Update: 33

Source: Department of Natural Resources
Telephone: 573-751-0135
Last EDR Contact: 10/08/2008
Next Scheduled EDR Contact: 01/05/2009
Data Release Frequency: Semi-Annually

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: 09/26/2008
Date Data Arrived at EDR: 10/08/2008
Date Made Active in Reports: 11/11/2008
Number of Days to Update: 34

Source: Department of Natural Resources
Telephone: 573-751-0135
Last EDR Contact: 10/08/2008
Next Scheduled EDR Contact: 01/05/2009
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LAST: Leaking Aboveground Storage Tanks
A listing of leaking aboveground storage tanks.

Date of Government Version: 09/26/2008
Date Data Arrived at EDR: 10/08/2008
Date Made Active in Reports: 11/10/2008
Number of Days to Update: 33

Source: Department of Natural Resources
Telephone: 573-751-6822
Last EDR Contact: 10/08/2008
Next Scheduled EDR Contact: 01/05/2009
Data Release Frequency: Quarterly

AST: Aboveground Petroleum Storage Tanks
Registered Aboveground Storage Tanks.

Date of Government Version: 11/03/2008
Date Data Arrived at EDR: 11/04/2008
Date Made Active in Reports: 11/12/2008
Number of Days to Update: 8

Source: Department of Agriculture
Telephone: 573-751-7062
Last EDR Contact: 10/06/2008
Next Scheduled EDR Contact: 01/05/2009
Data Release Frequency: Semi-Annually

SPILLS: Environmental Response Tracking Database
Releases of hazardous substances reported to the department's Environmental Emergency Response (EER) section.

Date of Government Version: 10/07/2008
Date Data Arrived at EDR: 10/08/2008
Date Made Active in Reports: 11/10/2008
Number of Days to Update: 33

Source: Department of Natural Resources
Telephone: 573-526-3349
Last EDR Contact: 10/06/2008
Next Scheduled EDR Contact: 01/05/2009
Data Release Frequency: Semi-Annually

AUL: Sites with Controls
Activity and use limitations include both engineering controls and institutional controls.

Date of Government Version: 09/26/2008
Date Data Arrived at EDR: 10/08/2008
Date Made Active in Reports: 11/10/2008
Number of Days to Update: 33

Source: Department of Natural Resources
Telephone: 573-751-3176
Last EDR Contact: 10/08/2008
Next Scheduled EDR Contact: 01/05/2009
Data Release Frequency: Varies

VCP: Sites Participating in the Voluntary Cleanup Program
Sites participating in the Voluntary Cleanup Program.

Date of Government Version: 09/26/2008
Date Data Arrived at EDR: 10/08/2008
Date Made Active in Reports: 11/10/2008
Number of Days to Update: 33

Source: Department of Natural Resources
Telephone: 573-526-8913
Last EDR Contact: 10/08/2008
Next Scheduled EDR Contact: 01/05/2009
Data Release Frequency: Semi-Annually

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: 08/11/2008
Date Data Arrived at EDR: 08/11/2008
Date Made Active in Reports: 09/03/2008
Number of Days to Update: 23

Source: Department of Natural Resources
Telephone: 573-526-8913
Last EDR Contact: 11/10/2008
Next Scheduled EDR Contact: 02/09/2009
Date Release Frequency: Varies

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: 09/26/2008
Date Data Arrived at EDR: 10/06/2008
Date Made Active in Reports: 11/10/2008
Number of Days to Update: 33

Source: Department of Natural Resources
Telephone: 573-526-8913
Last EDR Contact: 10/06/2008
Next Scheduled EDR Contact: 01/05/2009
Data Release Frequency: Semi-Annually

CDL: Environmental Emergency Response System
Incidents reported to the Department of Natural Resources where drug lab materials were involved.

Date of Government Version: 10/07/2008
Date Data Arrived at EDR: 10/08/2008
Date Made Active in Reports: 11/10/2008
Number of Days to Update: 33

Source: Department of Natural Resources
Telephone: 573-751-3443
Last EDR Contact: 10/06/2008
Next Scheduled EDR Contact: 01/05/2009
Data Release Frequency: Varies

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: 09/08/2008
Date Data Arrived at EDR: 09/08/2008
Date Made Active in Reports: 09/23/2008
Number of Days to Update: 15

Source: Department of Natural Resources
Telephone: 573-751-3176
Last EDR Contact: 09/08/2008
Next Scheduled EDR Contact: 12/08/2008
Data Release Frequency: Semi-Annually

NPDES: Permitted Facility Listing
A listing of permitted facilities from the Water Pollution Branch.

Date of Government Version: 10/29/2008
Date Data Arrived at EDR: 10/31/2008
Date Made Active in Reports: 11/10/2008
Number of Days to Update: 10

Source: Department of Natural Resources
Telephone: 573-751-7023
Last EDR Contact: 10/27/2008
Next Scheduled EDR Contact: 01/26/2009
Data Release Frequency: Varies

AIRS: Permit Facility Listing
A listing of Air Pollution Control Program permits.

Date of Government Version: 10/20/2008
Date Data Arrived at EDR: 10/21/2008
Date Made Active in Reports: 11/10/2008
Number of Days to Update: 20

Source: Department of Natural Resources
Telephone: 573-751-4817
Last EDR Contact: 10/20/2008
Next Scheduled EDR Contact: 01/05/2009
Data Release Frequency: Varies

TRIBAL RECORDS

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 11/07/2008
Next Scheduled EDR Contact: 02/02/2009
Data Release Frequency: Semi-Annually

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

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

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 08/25/2008
Next Scheduled EDR Contact: 11/24/2008
Data Release Frequency: Varies

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

Date of Government Version: 08/22/2008
Date Data Arrived at EDR: 08/22/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 18

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
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: 10/10/2008
Date Data Arrived at EDR: 10/10/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

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

Date of Government Version: 03/17/2008
Date Data Arrived at EDR: 03/27/2008
Date Made Active in Reports: 05/05/2008
Number of Days to Update: 40

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 08/18/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Varies

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

Date of Government Version: 09/05/2008
Date Data Arrived at EDR: 09/05/2008
Date Made Active in Reports: 09/23/2008
Number of Days to Update: 18

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
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: 03/17/2008
Date Data Arrived at EDR: 03/27/2008
Date Made Active in Reports: 05/06/2008
Number of Days to Update: 40

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Date Release Frequency: Semi-Annually

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: 03/12/2008
Date Data Arrived at EDR: 03/14/2008
Date Made Active in Reports: 03/20/2008
Number of Days to Update: 6

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

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

Date of Government Version: 08/21/2008
Date Data Arrived at EDR: 09/04/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 5

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R4: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 03/17/2008
Date Data Arrived at EDR: 03/27/2008
Date Made Active in Reports: 05/06/2008
Number of Days to Update: 40

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 09/08/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 27

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 09/05/2008
Date Data Arrived at EDR: 09/05/2008
Date Made Active in Reports: 09/23/2008
Number of Days to Update: 18

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 06/01/2007
Date Data Arrived at EDR: 06/14/2007
Date Made Active in Reports: 07/05/2007
Number of Days to Update: 21

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 08/18/2008
Next Scheduled EDR Contact: 11/17/2008
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 08/21/2008
Date Data Arrived at EDR: 09/04/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 5

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 09/05/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 27

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

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

Date of Government Version: 03/12/2008
Date Data Arrived at EDR: 03/14/2008
Date Made Active in Reports: 03/20/2008
Number of Days to Update: 6

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 08/22/2008
Date Data Arrived at EDR: 08/22/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 18

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

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
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 10/20/2008
Next Scheduled EDR Contact: 01/19/2009
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 10/20/2008
Next Scheduled EDR Contact: 01/19/2009
Data Release Frequency: Varies

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: 12/31/2005
Date Data Arrived at EDR: 06/15/2007
Date Made Active in Reports: 08/20/2007
Number of Days to Update: 66

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 09/12/2008
Next Scheduled EDR Contact: 12/08/2008
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 07/23/2008
Date Data Arrived at EDR: 08/28/2008
Date Made Active in Reports: 09/11/2008
Number of Days to Update: 14

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/28/2008
Next Scheduled EDR Contact: 11/24/2008
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: 09/08/2008
Next Scheduled EDR Contact: 12/08/2008
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 10/07/2008
Date Data Arrived at EDR: 10/10/2008
Date Made Active in Reports: 10/28/2008
Number of Days to Update: 18

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 09/15/2008
Next Scheduled EDR Contact: 12/15/2008
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 08/22/2008
Date Made Active in Reports: 09/08/2008
Number of Days to Update: 17

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 10/06/2008
Next Scheduled EDR Contact: 01/05/2009
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.

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.

STREET AND ADDRESS INFORMATION

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GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

OLD SUTHERLANDS LUMBER
300 EAST BROADWAY
SEDALIA, MO 65301

TARGET PROPERTY COORDINATES

Latitude (North):	38.70400 - 38° 42' 14.4"
Longitude (West):	93.2221 - 93° 13' 19.6"
Universal Tranverse Mercator:	Zone 15
UTM X (Meters):	480687.6
UTM Y (Meters):	4283746.0
Elevation:	900 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	38093-F2 SEDALIA EAST, MO
Most Recent Revision:	1973

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

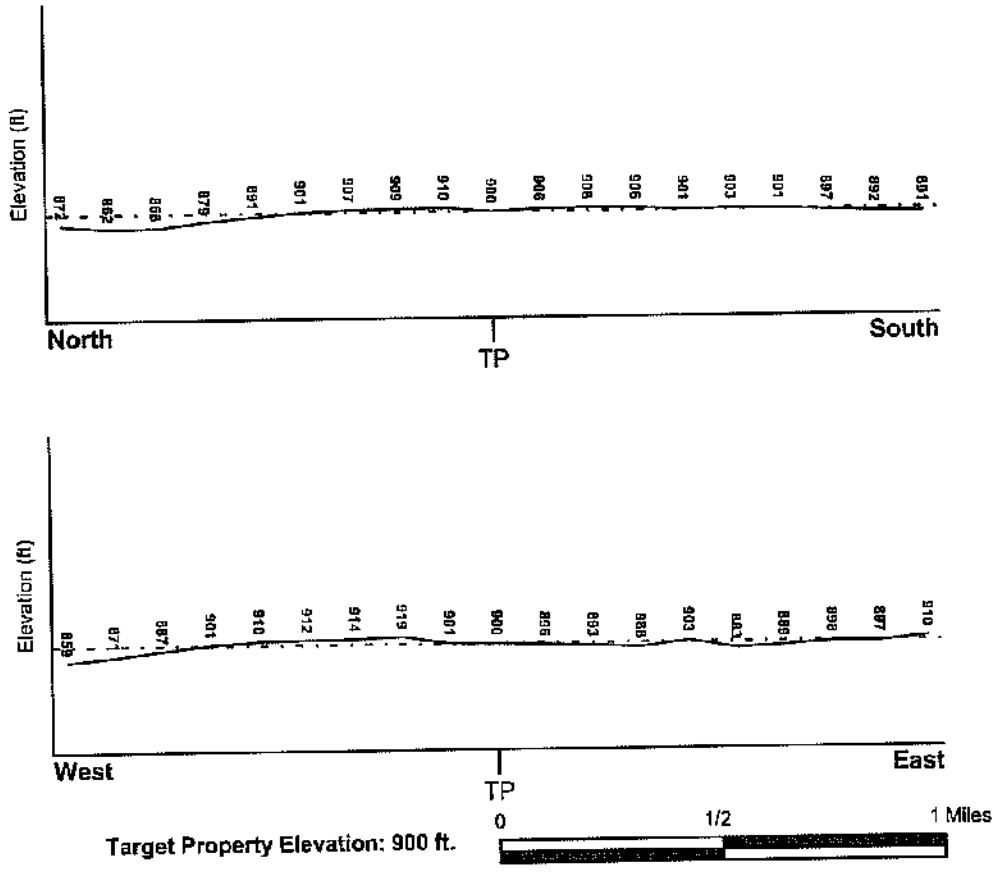
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General East

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
PETTIS, MO	Not Available

Flood Plain Panel at Target Property: Not Reported

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
SEDALIA EAST	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.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
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

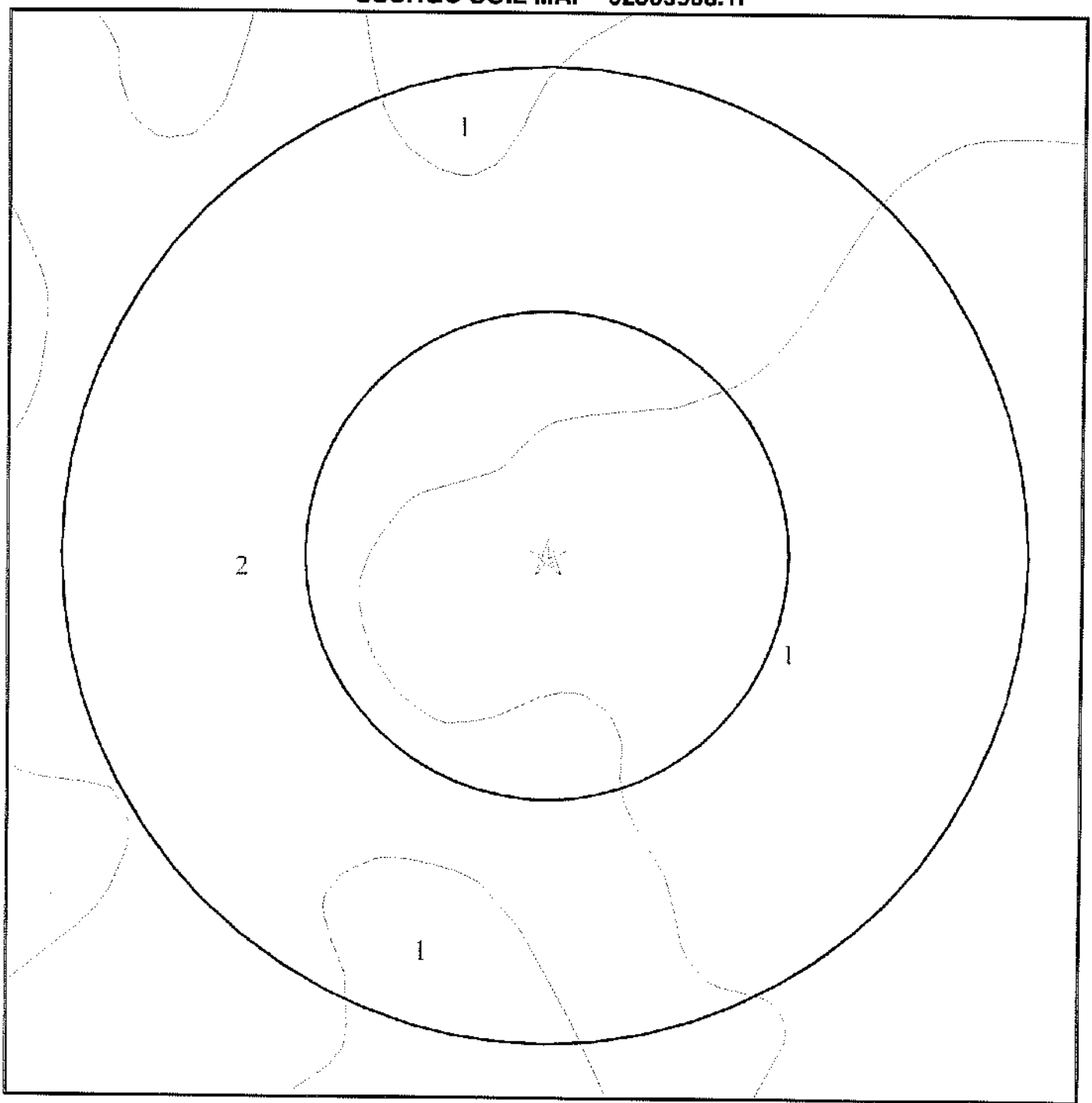
Era:	Paleozoic
System:	Mississippian
Series:	Osagean and Kinderhookian Series
Code:	M1 *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 02365968.1r



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

SITE NAME:	Old Sutherlands Lumber	CLIENT:	Terranext
ADDRESS:	300 East Broadway	CONTACT:	Christopher Kinn
	Sedalia MO 65301	INQUIRY #:	02365968.1r
LAT/LONG:	38.7040 / 93.2221	DATE:	November 18, 2008 12:46 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Arispe

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 92 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	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	Max: 14 Min: 4	Max: 7.3 Min: 5.6
2	7 inches	29 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 5.6
3	29 inches	59 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 5.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: Macksburg

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: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 92 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 6.5 Min: 5.1
2	11 inches	44 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 6.5 Min: 5.1
3	44 inches	59 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 6.5 Min: 5.1

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

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
2	USGS2592549	1/2 - 1 Mile NW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	MO3172256	1/4 - 1/2 Mile West

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 02365968.1r



- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location

SITE NAME: Old Sutherlands Lumber ADDRESS: 300 East Broadway Sedalia MO 65301 LAT/LONG: 38.7040 / 93.2221	CLIENT: Terranext CONTACT: Christopher Kinn INQUIRY #: 02365968.1r DATE: November 18, 2008 12:46 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
1 West 1/4 - 1/2 Mile Higher	FRDS PWS	MO3172256

PWS ID:	MO3172256	PWS Status:	Active
Date Initiated:	9306	Date Deactivated:	Not Reported
PWS Name:	AUNT MARTHA'S PRESCHOOL & DAY MCVEY ROAD ROUTE 6, BOX 63 SEDALIA, MO 65301		

Pwsid:	MO3172256	Epa region:	07
State:	MO	County:	Pettis
Pws name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Population Served:	65	Pwssvcconn:	1
PWS Source:	Groundwater		
Pws type:	NTNCWS		
Status:	Active	Owner type:	Private
Facility id:	67674		
Facility name:	WELL		
Facility type:	Treatment_plant	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Contact name:	CANNON, MARTHA H		
Original name:	CANNON, MARTHA H		
Contact phone:	660-827-5848	Contact address1:	2345 MCVEY RD
Contact address2:	Not Reported	Contact city:	SEDALIA
Contact zip:	65301-0000		

Pwsid:	MO3172256	Epa region:	07
State:	MO	County:	Pettis
Pws name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Population Served:	65	Pwssvcconn:	1
PWS Source:	Groundwater		
Pws type:	NTNCWS		
Status:	Active	Owner type:	Private
Facility id:	75991		
Facility name:	TOTAL STORAGE		
Facility type:	Storage	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Contact name:	CANNON, MARTHA H		
Original name:	CANNON, MARTHA H		
Contact phone:	660-827-5848	Contact address1:	2345 MCVEY RD
Contact address2:	Not Reported	Contact city:	SEDALIA
Contact zip:	65301-0000		

Pwsid:	MO3172256	Epa region:	07
State:	MO	County:	Pettis
Pws name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Population Served:	65	Pwssvcconn:	1
PWS Source:	Groundwater		
Pws type:	NTNCWS		
Status:	Active	Owner type:	Private
Facility id:	79163		
Facility name:	WELL		
Facility type:	Well	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		

Contact name:	CANNON, MARTHA H		
Original name:	CANNON, MARTHA H		
Contact phone:	660-827-5848	Contact address1:	2345 MCVEY RD
Contact address2:	Not Reported	Contact city:	SEDALIA
Contact zip:	65301-0000		
Pwsid:	MO3172256	Epa region:	07
State:	MO	County:	Pettis
Pws name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Population Served:	65	Pwssvcconn:	1
PWS Source:	Groundwater		
Pws type:	NTNCWS		
Status:	Active	Owner type:	Private
Facility id:	66010		
Facility name:	DISTRIBUTION SYSTEM		
Facility type:	Distribution_system_zone	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Contact name:	CANNON, MARTHA H		
Original name:	CANNON, MARTHA H		
Contact phone:	660-827-5848	Contact address1:	2345 MCVEY RD
Contact address2:	Not Reported	Contact city:	SEDALIA
Contact zip:	65301-0000		
Pwsid:	MO3172256	Epa region:	07
State:	MO	County:	Pettis
Pws name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Population Served:	65	Pwssvcconn:	1
PWS Source:	Groundwater		
Pws type:	NTNCWS		
Status:	Active	Owner type:	Private
Facility id:	90863		
Facility name:	CHEMICAL SAMPLES		
Facility type:	Sampling_station	Treatment process:	hypochlorination, pre
Treatment objective:	disinfection		
Contact name:	CANNON, MARTHA H		
Original name:	CANNON, MARTHA H		
Contact phone:	660-827-5848	Contact address1:	2345 MCVEY RD
Contact address2:	Not Reported	Contact city:	SEDALIA
Contact zip:	65301-0000		

Addressee / Facility:	Not Reported		
Facility Latitude:	38 42 15	Facility Longitude:	093 13 41
City Served:	AUNT MARY'S		
Treatment Class:	Treated	Population:	00000065

Violations information not reported.

ENFORCEMENT INFORMATION:

Truedate:	03/31/2008	Pwsid:	MO3172256
Pwsname:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Relpopsrvd:	65	Pwstypecod:	NTNC
Viold:	201	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Minor (TCR)		
Compliperbe:	4/1/2001 0:00:00		
Compliperen:	4/30/2001 0:00:00	Enfdate:	5/29/2001 0:00:00
Enf action:	State Violation/Reminder Notice		
Violmeasur:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate:	03/31/2008	Pwsid:	MO3172256
Pwsname:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Retpopsrvd:	65	Pwstypecod:	NTNC
Viold:	201	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Minor (TCR)		
Compiperbe:	4/1/2001 0:00:00		
Compiperen:	4/30/2001 0:00:00	Enfdate:	5/29/2001 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	Not Reported		

Truedate:	03/31/2008	Pwsid:	MO3172256
Pwsname:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Retpopsrvd:	65	Pwstypecod:	NTNC
Viold:	201	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Minor (TCR)		
Compiperbe:	4/1/2001 0:00:00		
Compiperen:	4/30/2001 0:00:00	Enfdate:	5/29/2001 0:00:00
Enf action:	Not Reported		
Violmeasur:	Not Reported		

Truedate:	03/31/2008	Pwsid:	MO3172256
Pwsname:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Retpopsrvd:	65	Pwstypecod:	NTNC
Viold:	201	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Minor (TCR)		
Compiperbe:	4/1/2001 0:00:00		
Compiperen:	4/30/2001 0:00:00	Enfdate:	5/29/2001 0:00:00
Enf action:	Not Reported		
Violmeasur:	Not Reported		

Truedate:	03/31/2008	Pwsid:	MO3172256
Pwsname:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Retpopsrvd:	65	Pwstypecod:	NTNC
Viold:	6308801	Contaminant:	COLIFORM (TCR)
Viol. Type:	MCL, Monthly (TCR)		
Compiperbe:	8/1/2001 0:00:00		
Compiperen:	8/31/2001 0:00:00	Enfdate:	9/18/2001 0:00:00
Enf action:	Not Reported		
Violmeasur:	Not Reported		

Truedate:	03/31/2008	Pwsid:	MO3172256
Pwsname:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Retpopsrvd:	65	Pwstypecod:	NTNC
Viold:	6308801	Contaminant:	COLIFORM (TCR)
Viol. Type:	MCL, Monthly (TCR)		
Compiperbe:	8/1/2001 0:00:00		
Compiperen:	8/31/2001 0:00:00	Enfdate:	9/18/2001 0:00:00
Enf action:	Not Reported		
Violmeasur:	Not Reported		

Truedate:	03/31/2008	Pwsid:	MO3172256
Pwsname:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Retpopsrvd:	65	Pwstypecod:	NTNC
Viold:	6308801	Contaminant:	COLIFORM (TCR)
Viol. Type:	MCL, Monthly (TCR)		
Compiperbe:	8/1/2001 0:00:00		
Compiperen:	8/31/2001 0:00:00	Enfdate:	9/18/2001 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate:	03/31/2008	Pwsid:	MO3172256
Pwsname:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Retpopsrvd:	65	Pwstypecod:	NTNC
Violid:	6308801	Contaminant:	COLIFORM (TCR)
Viol. Type:	MCL, Monthly (TCR)		
Compiperbe:	8/1/2001 0:00:00		
Compiperen:	8/31/2001 0:00:00	Enfdate:	9/18/2001 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	Not Reported		

Truedate:	03/31/2008	Pwsid:	MO3172256
Pwsname:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Retpopsrvd:	65	Pwstypecod:	NTNC
Violid:	6308902	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Major (TCR)		
Compiperbe:	4/1/2002 0:00:00		
Compiperen:	4/30/2002 0:00:00	Enfdate:	6/6/2002 0:00:00
Enf action:	Not Reported		
Violmeasur:	Not Reported		

Truedate:	03/31/2008	Pwsid:	MO3172256
Pwsname:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Retpopsrvd:	65	Pwstypecod:	NTNC
Violid:	6308902	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Major (TCR)		
Compiperbe:	4/1/2002 0:00:00		
Compiperen:	4/30/2002 0:00:00	Enfdate:	6/6/2002 0:00:00
Enf action:	Not Reported		
Violmeasur:	Not Reported		

Truedate:	03/31/2008	Pwsid:	MO3172256
Pwsname:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Retpopsrvd:	65	Pwstypecod:	NTNC
Violid:	6308902	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Major (TCR)		
Compiperbe:	4/1/2002 0:00:00		
Compiperen:	4/30/2002 0:00:00	Enfdate:	6/6/2002 0:00:00
Enf action:	State Violation/Reminder Notice		
Violmeasur:	Not Reported		

Truedate:	03/31/2008	Pwsid:	MO3172256
Pwsname:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Retpopsrvd:	65	Pwstypecod:	NTNC
Violid:	6308902	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Major (TCR)		
Compiperbe:	4/1/2002 0:00:00		
Compiperen:	4/30/2002 0:00:00	Enfdate:	6/6/2002 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	Not Reported		

Truedate:	03/31/2008	Pwsid:	MO3172256
Pwsname:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Retpopsrvd:	65	Pwstypecod:	NTNC
Violid:	6309303	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Major (TCR)		
Compiperbe:	8/1/2003 0:00:00		
Compiperen:	8/31/2003 0:00:00	Enfdate:	9/24/2003 0:00:00
Enf action:	Not Reported		
Violmeasur:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate:	03/31/2008	Pwsid:	MO3172256
Pwsname:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Retpopsrvd:	65	Pwstypecod:	NTNC
Viold:	6309303	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Major (TCR)		
Compiperbe:	8/1/2003 0:00:00		
Compiperen:	8/31/2003 0:00:00	Enfdate:	9/24/2003 0:00:00
Enf action:	Not Reported		
Violmeasur:	Not Reported		

Truedate:	03/31/2008	Pwsid:	MO3172256
Pwsname:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Retpopsrvd:	65	Pwstypecod:	NTNC
Viold:	6309303	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Major (TCR)		
Compiperbe:	8/1/2003 0:00:00		
Compiperen:	8/31/2003 0:00:00	Enfdate:	9/24/2003 0:00:00
Enf action:	State Violation/Reminder Notice		
Violmeasur:	Not Reported		

Truedate:	03/31/2008	Pwsid:	MO3172256
Pwsname:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Retpopsrvd:	65	Pwstypecod:	NTNC
Viold:	6309303	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Major (TCR)		
Compiperbe:	8/1/2003 0:00:00		
Compiperen:	8/31/2003 0:00:00	Enfdate:	9/24/2003 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	Not Reported		

Truedate:	03/31/2008	Pwsid:	MO3172256
Pwsname:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Retpopsrvd:	65	Pwstypecod:	NTNC
Viold:	6309706	Contaminant:	COLIFORM (TCR)
Viol. Type:	MCL, Monthly (TCR)		
Compiperbe:	6/1/2006 0:00:00		
Compiperen:	6/30/2006 0:00:00	Enfdate:	7/12/2006 0:00:00
Enf action:	Not Reported		
Violmeasur:	Not Reported		

Truedate:	03/31/2008	Pwsid:	MO3172256
Pwsname:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Retpopsrvd:	65	Pwstypecod:	NTNC
Viold:	6309706	Contaminant:	COLIFORM (TCR)
Viol. Type:	MCL, Monthly (TCR)		
Compiperbe:	6/1/2006 0:00:00		
Compiperen:	6/30/2006 0:00:00	Enfdate:	8/1/2006 0:00:00
Enf action:	State Public Notif Received		
Violmeasur:	Not Reported		

Truedate:	03/31/2008	Pwsid:	MO3172256
Pwsname:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Retpopsrvd:	65	Pwstypecod:	NTNC
Viold:	6309706	Contaminant:	COLIFORM (TCR)
Viol. Type:	MCL, Monthly (TCR)		
Compiperbe:	6/1/2006 0:00:00		
Compiperen:	6/30/2006 0:00:00	Enfdate:	8/1/2006 0:00:00
Enf action:	Not Reported		
Violmeasur:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate:	03/31/2008	Pwsid:	MO3172256
Pwsname:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Retpopsrvd:	65	Pwstypecod:	NTNC
Violid:	6309706	Contaminant:	COLIFORM (TCR)
Viol. Type:	MCL, Monthly (TCR)		
Complperbe:	6/1/2006 0:00:00		
Complperen:	6/30/2006 0:00:00	Enfdate:	7/12/2006 0:00:00
Enf action:	State Violation/Reminder Notice		
Violmeasur:	Not Reported		

Truedate:	03/31/2008	Pwsid:	MO3172256
Pwsname:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Retpopsrvd:	65	Pwstypecod:	NTNC
Violid:	6309706	Contaminant:	COLIFORM (TCR)
Viol. Type:	MCL, Monthly (TCR)		
Complperbe:	6/1/2006 0:00:00		
Complperen:	6/30/2006 0:00:00	Enfdate:	7/12/2006 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	Not Reported		

Truedate:	03/31/2008	Pwsid:	MO3172256
Pwsname:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Retpopsrvd:	65	Pwstypecod:	NTNC
Violid:	6309706	Contaminant:	COLIFORM (TCR)
Viol. Type:	MCL, Monthly (TCR)		
Complperbe:	6/1/2006 0:00:00		
Complperen:	6/30/2006 0:00:00	Enfdate:	7/12/2006 0:00:00
Enf action:	Not Reported		
Violmeasur:	Not Reported		

Truedate:	03/31/2008	Pwsid:	MO3172256
Pwsname:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Retpopsrvd:	65	Pwstypecod:	NTNC
Violid:	6309807	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Major (TCR)		
Complperbe:	12/1/2006 0:00:00		
Complperen:	12/31/2006 0:00:00	Enfdate:	1/25/2007 0:00:00
Enf action:	Not Reported		
Violmeasur:	Not Reported		

Truedate:	03/31/2008	Pwsid:	MO3172256
Pwsname:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Retpopsrvd:	65	Pwstypecod:	NTNC
Violid:	6309807	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Major (TCR)		
Complperbe:	12/1/2006 0:00:00		
Complperen:	12/31/2006 0:00:00	Enfdate:	3/22/2007 0:00:00
Enf action:	Not Reported		
Violmeasur:	Not Reported		

Truedate:	03/31/2008	Pwsid:	MO3172256
Pwsname:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Retpopsrvd:	65	Pwstypecod:	NTNC
Violid:	6309807	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Major (TCR)		
Complperbe:	12/1/2006 0:00:00		
Complperen:	12/31/2006 0:00:00	Enfdate:	1/25/2007 0:00:00
Enf action:	Not Reported		
Violmeasur:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate:	03/31/2008	Pwsid:	MO3172256
Pwsname:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Retpopsrvd:	65	Pwstypecod:	NTNC
Violid:	6309807	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Major (TCR)		
Compiperbe:	12/1/2006 0:00:00		
Compiperen:	12/31/2006 0:00:00	Enfdate:	1/25/2007 0:00:00
Enf action:	State Violation/Reminder Notice		
Violmeasur:	Not Reported		

Truedate:	03/31/2008	Pwsid:	MO3172256
Pwsname:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Retpopsrvd:	65	Pwstypecod:	NTNC
Violid:	6309807	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Major (TCR)		
Compiperbe:	12/1/2006 0:00:00		
Compiperen:	12/31/2006 0:00:00	Enfdate:	1/25/2007 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	Not Reported		

Truedate:	03/31/2008	Pwsid:	MO3172256
Pwsname:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Retpopsrvd:	65	Pwstypecod:	NTNC
Violid:	6309807	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Major (TCR)		
Compiperbe:	12/1/2006 0:00:00		
Compiperen:	12/31/2006 0:00:00	Enfdate:	3/22/2007 0:00:00
Enf action:	State Public Notif Received		
Violmeasur:	Not Reported		

Truedate:	03/31/2008	Pwsid:	MO3172256
Pwsname:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Retpopsrvd:	65	Pwstypecod:	NTNC
Violid:	6309907	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Minor (TCR)		
Compiperbe:	2/1/2007 0:00:00		
Compiperen:	2/28/2007 0:00:00	Enfdate:	3/19/2007 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	Not Reported		

Truedate:	03/31/2008	Pwsid:	MO3172256
Pwsname:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Retpopsrvd:	65	Pwstypecod:	NTNC
Violid:	6309907	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Minor (TCR)		
Compiperbe:	2/1/2007 0:00:00		
Compiperen:	2/28/2007 0:00:00	Enfdate:	3/19/2007 0:00:00
Enf action:	State Violation/Reminder Notice		
Violmeasur:	Not Reported		

Truedate:	03/31/2008	Pwsid:	MO3172256
Pwsname:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Retpopsrvd:	65	Pwstypecod:	NTNC
Violid:	6309907	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Minor (TCR)		
Compiperbe:	2/1/2007 0:00:00		
Compiperen:	2/28/2007 0:00:00	Enfdate:	3/19/2007 0:00:00
Enf action:	Not Reported		
Violmeasur:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate:	03/31/2008	Pwsid:	MO3172256
Pwsname:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Retpopsrvd:	65	Pwstypecod:	NTNC
Violid:	6309907	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Minor (TCR)		
Complperbe:	2/1/2007 0:00:00		
Complperen:	2/28/2007 0:00:00	Enfdate:	3/19/2007 0:00:00
Enf action:	Not Reported		
Violmeasur:	Not Reported		

Truedate:	03/31/2008	Pwsid:	MO3172256
Pwsname:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Retpopsrvd:	65	Pwstypecod:	NTNC
Violid:	6310108	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Major (TCR)		
Complperbe:	2/1/2008 0:00:00		
Complperen:	2/29/2008 0:00:00	Enfdate:	3/27/2008 0:00:00
Enf action:	Not Reported		
Violmeasur:	Not Reported		

Truedate:	03/31/2008	Pwsid:	MO3172256
Pwsname:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Retpopsrvd:	65	Pwstypecod:	NTNC
Violid:	6310108	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Major (TCR)		
Complperbe:	2/1/2008 0:00:00		
Complperen:	2/29/2008 0:00:00	Enfdate:	3/27/2008 0:00:00
Enf action:	Not Reported		
Violmeasur:	Not Reported		

Truedate:	03/31/2008	Pwsid:	MO3172256
Pwsname:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Retpopsrvd:	65	Pwstypecod:	NTNC
Violid:	6310108	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Major (TCR)		
Complperbe:	2/1/2008 0:00:00		
Complperen:	2/29/2008 0:00:00	Enfdate:	3/27/2008 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	Not Reported		

Truedate:	03/31/2008	Pwsid:	MO3172256
Pwsname:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Retpopsrvd:	65	Pwstypecod:	NTNC
Violid:	6310108	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Major (TCR)		
Complperbe:	2/1/2008 0:00:00		
Complperen:	2/29/2008 0:00:00	Enfdate:	3/27/2008 0:00:00
Enf action:	State Violation/Reminder Notice		
Violmeasur:	Not Reported		

System Name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Violation Type:	Monitoring, Routine Minor (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	04/01/01 - 04/30/01		
Violation ID:	201		
Enforcement Date:	05/29/01	Enf. Action:	State Public Notif Requested

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

ENFORCEMENT INFORMATION:

System Name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Violation Type:	Monitoring, Routine Minor (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	04/01/01 - 04/30/01		
Violation ID:	201		
Enforcement Date:	05/29/01	Enf. Action:	State Violation/Reminder Notice
System Name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Violation Type:	Monitoring, Routine Minor (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	4/1/2001 0:00:00 - 4/30/2001 0:00:00		
Violation ID:	201		
Enforcement Date:	5/29/2001 0:00:00	Enf. Action:	State Violation/Reminder Notice
System Name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Violation Type:	Monitoring, Routine Minor (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	4/1/2001 0:00:00 - 4/30/2001 0:00:00		
Violation ID:	201		
Enforcement Date:	5/29/2001 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	8/1/2001 0:00:00 - 8/31/2001 0:00:00		
Violation ID:	6308801		
Enforcement Date:	9/18/2001 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	08/01/01 - 08/31/01		
Violation ID:	6308801		
Enforcement Date:	09/18/01	Enf. Action:	State Public Notif Requested
System Name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	08/01/01 - 08/31/01		
Violation ID:	6308801		
Enforcement Date:	09/18/01	Enf. Action:	State Formal NOV Issued
System Name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	8/1/2001 0:00:00 - 8/31/2001 0:00:00		
Violation ID:	6308801		
Enforcement Date:	9/18/2001 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	4/1/2002 0:00:00 - 4/30/2002 0:00:00		
Violation ID:	6308902		
Enforcement Date:	6/6/2002 0:00:00	Enf. Action:	State Violation/Reminder Notice
System Name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	4/1/2002 0:00:00 - 4/30/2002 0:00:00		
Violation ID:	6308902		
Enforcement Date:	6/6/2002 0:00:00	Enf. Action:	State Public Notif Requested

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ENFORCEMENT INFORMATION:

System Name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	04/01/02 - 04/30/02		
Violation ID:	6308902		
Enforcement Date:	06/06/02	Enf. Action:	State Public Notif Requested
System Name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	04/01/02 - 04/30/02		
Violation ID:	6308902		
Enforcement Date:	06/06/02	Enf. Action:	State Violation/Reminder Notice
System Name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	8/1/2003 0:00:00 - 8/31/2003 0:00:00		
Violation ID:	6309303		
Enforcement Date:	9/24/2003 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	8/1/2003 0:00:00 - 8/31/2003 0:00:00		
Violation ID:	6309303		
Enforcement Date:	9/24/2003 0:00:00	Enf. Action:	State Violation/Reminder Notice
System Name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	08/01/03 - 08/31/03		
Violation ID:	6309303		
Enforcement Date:	09/24/03	Enf. Action:	State Violation/Reminder Notice
System Name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	08/01/03 - 08/31/03		
Violation ID:	6309303		
Enforcement Date:	09/24/03	Enf. Action:	State Public Notif Requested
System Name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	6/1/2006 0:00:00 - 6/30/2006 0:00:00		
Violation ID:	6309706		
Enforcement Date:	No Enf Action as of	Enf. Action:	10/17/2006 0:00:00
System Name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	06/01/06 - 06/30/06		
Violation ID:	6309706		
Enforcement Date:	07/12/06	Enf. Action:	State Violation/Reminder Notice
System Name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	06/01/06 - 06/30/06		
Violation ID:	6309706		
Enforcement Date:	07/12/06	Enf. Action:	State Public Notif Requested

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ENFORCEMENT INFORMATION:

System Name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	06/01/06 - 06/30/06		
Violation ID:	6309706		
Enforcement Date:	08/01/06	Enf. Action:	State Public Notif Received
System Name:	AUNT MARTHAS PRESCHOOL & DAY CARE		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	12/1/2006 0:00:00 - 12/31/2006 0:00:00		
Violation ID:	6309807		
Enforcement Date:	4/12/2007 0:00:00	Enf. Action:	Not Reported
System Name:	AUNT MARTHA'S PRESCHOOL &		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1995-03-01 - 1995-03-31		
Violation ID:	9500313		
Enforcement Date:	1995-05-16	Enf. Action:	State Public Notif Requested
System Name:	AUNT MARTHA'S PRESCHOOL &		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1995-03-01 - 1995-03-31		
Violation ID:	9500313		
Enforcement Date:	1995-05-16	Enf. Action:	State Violation/Reminder Notice
System Name:	AUNT MARTHA'S PRESCHOOL &		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1995-03-01 - 1995-03-31		
Violation ID:	9500313		
Enforcement Date:	1995-06-26	Enf. Action:	State Public Notif Received
System Name:	AUNT MARTHA'S PRESCHOOL &		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1994-11-01 - 1994-11-30		
Violation ID:	9501102		
Enforcement Date:	1995-01-06	Enf. Action:	State Public Notif Received
System Name:	AUNT MARTHA'S PRESCHOOL &		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1994-11-01 - 1994-11-30		
Violation ID:	9501102		
Enforcement Date:	1994-12-13	Enf. Action:	State Public Notif Requested
System Name:	AUNT MARTHA'S PRESCHOOL &		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1994-11-01 - 1994-11-30		
Violation ID:	9501102		
Enforcement Date:	1994-12-13	Enf. Action:	State Formal NOV Issued
System Name:	AUNT MARTHA'S PRESCHOOL &		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1995-12-01 - 1995-12-31		
Violation ID:	9601233		
Enforcement Date:	1996-01-31	Enf. Action:	State Violation/Reminder Notice

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ENFORCEMENT INFORMATION:

System Name:	AUNT MARTHA'S PRESCHOOL &		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1995-12-01 - 1995-12-31		
Violation ID:	9601233		
Enforcement Date:	1996-01-31	Enf. Action:	State Public Notif Requested
System Name:	AUNT MARTHA'S PRESCHOOL &		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1998-06-01 - 1998-06-30		
Violation ID:	98000002		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported

CONTACT INFORMATION:

Name:	AUNT MARTHAS PRESCHOOL & DAY CARE	Population:	65
Contact:	CANNON, MARTHA H	Phone:	660-827-5848
Address:	2345 MCVEY RD SEDALIA, MO 65301		

2
NW
1/2 - 1 Mile
Lower

FED USGS **USGS2592549**

Agency cd:	USGS	Site no:	384240093140001
Site name:	T45N R21W 04ABA1		
Latitude:	384240		
Longitude:	0931400	Dec lat:	38.71112744
Dec lon:	-93.23353929	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	29
State:	29	County:	159
Country:	US	Land net:	NENWNES04 T45N R21W 5
Location map:	SEDALIA EAST	Map scale:	24000
Altitude:	885.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Lamine. Missouri. Area = 1120 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19160101
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:	GUNTER SANDSTONE MEMBER OF GASCONADE DOLOMITE		
Well depth:	815	Hole depth:	815
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

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Peak flow data count: 0
Water quality data end date: 1956-03-01
Ground water data begin date: 0000-00-00
Ground water data count: 0

Water quality data begin date: 1956-03-01
Water quality data count: 1
Ground water data end date: 0000-00-00

Ground-water levels, Number of Measurements: 0

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RADON

AREA RADON INFORMATION

State Database: MO Radon

Radon Test Results

County	Average	Max Pci/L	Min Pci/L	Num Samples
PETTIS	2	12.4	<0.5	19

Federal EPA Radon Zone for PETTIS County: 2

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: 65301

Number of sites tested: 10

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.800 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	3.060 pCi/L	90%	10%	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.

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.

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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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

STREET AND ADDRESS INFORMATION

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APPENDIX 4

ADDITIONAL ENVIRONMENTAL RECORDS

Mel Carnahan, Governor • Stephen M. Mahfood, Director
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL QUALITY
P.O. Box 176 Jefferson City, MO 65102-0176

November 18, 1999

Mr. Jeff McDermott
Union Pacific Railroad
416 Dodge Street, Room 930
Omaha, NE 68179

RE: Union Pacific Railroad, 651 E. Broadway, Sedalia, MO - R0001999
Incident Closure

Dear Mr. McDermott:

The Tanks Section of the Hazardous Waste Program has received and reviewed the well closure documentation submitted on November 10, 1999, for the site referenced above. The closure of these wells satisfies our remediation requirements for this site.

Based upon a review of the analytical data and other information submitted, the department finds that no additional investigation or remedial action is currently required with regard to these petroleum substances. However, the department's finding is based solely on the information contained in these reports, and this finding does not constitute a certification or guarantee of the quality of the remedial action conducted or with regard to the lack of contamination on the property.

In the event a future petroleum-related environmental problem arises in the vicinity of this property, the department reserves the right to require responsible parties to conduct additional investigation and/or remedial actions.

If you have any questions regarding technical aspects of the work, please contact Ms. Valerie Garrett of my staff at (573) 751-6822.

Sincerely,

HAZARDOUS WASTE PROGRAM

Jim Growney, Chief
Remediation Unit

JG:vgl

c: Mr. David Pate, Williams & Company
Mr. Kenneth Rose, Environmental Decision Group, Inc.
Mr. Jim Wells, Jefferson City Regional Office

Recycled Paper

Mel Carnahan, Governor • Stephen M. Mahfood, Director
STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL QUALITY
P.O. Box 176 Jefferson City, MO 65102-0176

December ??,
November 8, 1999

Mr. Steve McNaughton
Union Pacific Railroad
1416 Dodge Street, RM 930
Omaha, NE 68179

RE: Union Pacific Railroad, Broadway & 7th, Sedalia, MO - R0002030

Dear Mr. McNaughton:

The Tanks Section of the Hazardous Waste Program received and reviewed the November 29, 1999, letter from Safety-Kleen for the above referenced facility. The letter states that the release identification numbers R1999 and R2030 are for the same facility. Since R1999 has received a no further action letter, R2030 will be closed as a release file and archived and combined with the contents of R1999.

If you have any questions regarding this letter, you may contact Mr. Hugh Murrell of my staff at (573) 751-6822.

Sincerely,

HAZARDOUS WASTE PROGRAM

Jim Growney, Chief
Remediation Unit

JG:hme

Enclosure

c: Ms. Susan Finnegan, Safety Kleen Consulting
Mr. David Pate, Williams & Company
Mr. Dave Dowdy, Jefferson City Regional Office

Recycled Paper

CORRECTIVE ACTION AND GROUNDWATER MONITORING REPORT UNION PACIFIC RAILROAD LEASED PROPERTY FORMER OLD HUDSON GASOLINE STATION LSP LU #1999 SEDALIA, MISSOURI

PREPARED FOR:
UNION PACIFIC RAILROAD
ENVIRONMENTAL MANAGEMENT
1416 DODGE STREET
OMAHA, NEBRASKA 68179

PREPARED BY:

ENVIRONMENTAL DECISION GROUP, INC.
Innovative Services • Advanced Technology

5665 FLATIRON PARKWAY
BOULDER, COLORADO 80301

SEPTEMBER 7, 1999

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EXECUTIVE SUMMARY

On November 10, 1990, two 12,000 gallon, gasoline USTs were removed from the former Old Hudson Gas Station site at 651 East Broadway Boulevard, Sedalia, Missouri (LSP LU#1999). During excavation, EDG personnel observed gasoline-stained soil in the immediate vicinity of the tanks. The MDNR was notified of the release and approximately 1,731 tons of petroleum hydrocarbon impacted soil was excavated and transported by truck to the Central Missouri landfill in Sedalia, Missouri for offsite disposal.

Initial and supplemental site assessments were conducted at the former UST site in June 1991 and May 1994, respectively. Periodic groundwater monitoring activities were initiated at the site in March 1992. The results of the site assessments and groundwater monitoring activities are summarized in this report.

In May 1998 EDG coordinated the excavation and offsite disposal of approximately 1,817 tons of soil from two separate areas located in the southern and central portions of the site. The main excavation, completed in May 1998, encompassed the area immediately adjacent to, and south of, the initial soil excavation that was completed in November 1990. Following completion of the excavation activities, confirmation soil samples were collected from the bottom and side-walls of the excavations. The confirmation soil samples were laboratory analyzed for Total Petroleum Hydrocarbons (TPH) as gasoline and Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) by EPA Method 8020/OA1, Total Extractable Hydrocarbons (TEPH) by EPA Method 8015/OA2, and Methyl-tert-butyl Ether (MTBE) by EPA Method 8020. The soil sample analytical results were then compared to the site-specific soil cleanup levels in order to determine if the soil remediation efforts were complete. All final confirmation soil samples collected from the two excavations reported TPH, BTEX, and MTBE concentrations below the site cleanup levels.

Since the completion of remedial corrective actions in May 1998, two semi-annual groundwater monitoring events have been conducted at the site. Water samples collected in October 1998 and April 1999 were analyzed for TPH and BTEX constituents. Groundwater quality results for both monitoring events were below the MDNR LUST Non-Potable Groundwater Cleanup Levels (MDNR, March 1996).

In accordance with the findings and conclusions of this report, EDG recommends that no further action is required regarding the petroleum hydrocarbon impacts related to the former USTs.

1. INTRODUCTION

This underground storage tank (UST) corrective measures and groundwater monitoring report presents the results of the soil remediation and groundwater monitoring that was conducted by Environmental Decision Group (EDG) for Union Pacific Railroad (UPRR). The UST site is located at 651 East Broadway Boulevard, Sedalia, Missouri (State ID# R0001999). The corrective measures and groundwater monitoring activities described in this report were conducted in accordance with the corrective action plan (EDG, February 1995) that was approved by the Missouri Department of Natural Resources (MDNR) on March 13, 1995.

1.1. PURPOSE AND SCOPE

The purpose of the corrective measures and groundwater monitoring activities is to fulfill the requirements set forth by the MDNR in order to achieve site closure.

The scope of the corrective measures and groundwater monitoring activities involved the following tasks:

- Review of previous UST removal, site assessment and site remedial actions;
- Over-excavation and off-site disposal of approximately 1,817 tons of petroleum hydrocarbon impacted soil;
- Collection and laboratory analyses of confirmation soil samples from the base and side-walls of the soil excavations;
- Collection and laboratory analyses of groundwater samples on a semi-annual basis following completion of the site soil remedial actions; and
- Preparing a corrective measures and groundwater monitoring report.

All tables and figures for this report are included in the "Tables" and "Figures" sections after the "References" section of this report.

1.2. Background Information

Site Description and History

The former UST site (LSP LU#1999) is located at 651 East Broadway Boulevard, Sedalia, Missouri (Figure 1). The property is located in a commercial/non-residential area, is comparatively flat, and encompasses approximately one acre. The property is owned by UPRR and historically has been leased to various petroleum distributors (Figure 2). Formally a gasoline station was located in the southern portion of the site, bordering Broadway Boulevard. In addition, a bulk fuel distribution facility and automobile and truck repair facility were located in the central and northern portions of the site property. Currently the property is vacant and UPRR is negotiating the sale of the site property following completion of the UST remediation and site closure.

2. TANK REMOVAL AND SITE ASSESSMENT SUMMARY

In October 1990, two 12,000 gallon, steel, gasoline USTs were located on the UPRR lease property. The tanks were previously used in conjunction with the Old Hudson Gasoline Station. The exact age and the date that the tanks were last in use is unknown.

2.1. Tank Excavation and Corrective Action (November 10, 1990)

In October 1990, EDG conducted the necessary agency notification, paid the appropriate permit application fees, and received authorization to remove two gasoline tanks from the site. On November 10, 1990, the USTs were excavated and shipped by truck to Tanks Away, Inc. in Federal Heights, Colorado for offsite disposal. During excavation, EDG personnel observed gasoline-stained soil in the immediate vicinity of the tanks. After excavation, inspection of the tanks revealed that one tank possessed a small (approximate quarter-inch) hole due to corrosion. At this time the MDNR was notified of the release, and corrective actions were initiated.

From November 13 through 15, 1990, approximately 1,731 tons (1,154 cubic yards) of petroleum hydrocarbon impacted soil was excavated and transported by truck to the Central Missouri landfill in Sedalia, Missouri for offsite disposal. The area excavated included the tank berths, the area beneath the associated piping, and the former pump islands. Following excavation, six confirmation soil

samples and two groundwater samples were collected from within the open excavation. Laboratory analyses reported total petroleum hydrocarbon (TPH) and benzene, toluene, ethylbenzene, xylene (BTEX) concentrations in soil at below the MDNR Leaking Underground Storage Tank (LUST) Corrective Action Cleanup Goals. However, one groundwater sample reported a benzene concentration of 0.220 mg/L, which exceeded the MDNR LUST Non-Potable Groundwater Cleanup Guideline of 0.05 mg/L. The results of the UST removal and soil excavation were presented in the *Site Assessment Leaking Underground Storage Tank Closures* report (USPCI/EDG, January 1991).

2.2. Initial Site Assessment

EDG conducted an initial site assessment of the UPRR lease property in June 1991. The initial assessment included the drilling of six soil borings and installation of three groundwater monitoring wells (Figure 3). The initial assessment also included the collection of eight soil samples and four groundwater samples for laboratory analyses (Table 1). The findings of the initial site assessment indicated that elevated levels of gasoline-range hydrocarbons remained in the shallow soil and groundwater at the site. The results of the site assessment were presented in the *Site Assessment, Leaking Underground Storage Tank Closures* (USPCI/EDG, February 27, 1992).

2.3. Supplemental Site Assessment

EDG conducted a supplemental site assessment at the UPRR lease property in May 1994. The supplemental site assessment included the drilling of nine soil borings and the installation of five groundwater monitoring wells (Figure 3). The supplemental assessment also included the collection of 13 soil samples and nine groundwater samples for laboratory analysis (Table 2). The findings of the supplemental site assessment further confirmed that petroleum hydrocarbon impacted soil and groundwater remained at the site.

Additional assessment activities included an evaluation of historical information that was available for the site and surrounding area. A survey of registered wells reported that the closest active water well is approximately one quarter mile southwest of the site. Records indicate that this well was drilled in 1942 and completed to a depth of 1,580 feet. Evaluation of all three wells located within one half mile radius of the site indicates that the local area wells produce water from depths that are significantly below the shallow surface aquifer. The results of the supplemental site assessment are presented in the *Supplemental Site Characterization Report and Feasibility Study* (USPCI/EDG, February 3, 1995).

2.4. GROUNDWATER MONITORING

In June 1991 EDG installed three groundwater monitoring wells at the site. In May 1994 EDG installed an additional five monitoring wells, including two offsite, downgradient wells (MW-5 and MW-6). Periodic groundwater monitoring activities, including water level measurement and groundwater sample collection, were initiated at the site in March 1992. The cumulative groundwater monitoring analytical results are presented in Table 3. The cumulative groundwater elevation measurements are presented in Table 4.

3. CORRECTIVE ACTIONS, MAY 21 – 27, 1998

In May 1998 EDG returned to the site in an attempt to over-excavate the remaining areas of hydrocarbon impacted soils. During this second phase of soil excavation, a total of approximately 1,817 tons (1,211 cubic yards) of soil were removed from two separate areas of excavation located in the southern and central portions of the site (Figure 4). The main excavation encompassed the area immediately adjacent to, and south of, the initial soil excavation that was completed in November 1990. The Product Line Excavation encompassed a small area in the central portion of the site with observed hydrocarbon impacts. Descriptions of the excavation activities, including the results of the conformation soil sampling, are presented below.

3.1. EXCAVATION PROCEDURES AND SAFETY PRECAUTIONS

Prior to excavation, EDG completed a comprehensive underground utility clearance of the site. EDG personnel and contractors reviewed and signed the site-specific EDG Health and Safety Plan. A Missouri Department of Transportation approved traffic control plan was instituted to divert traffic from the right lane on the north side of Highway 50 in close proximity to the site. A flashing diversion sign with intermittent orange safety cones were placed to merge traffic into one lane. The sidewalk around the site was barricaded and pedestrian traffic was detoured. As excavation activities progressed, a temporary orange fence was placed around the open excavation. Excavation equipment was parked overnight on the site such to further block access to the open excavation.

Initial excavation activities included the removal of surface concrete in the area of the Main Excavation. Approximately 100 feet of concrete sidewalk and the remaining portion of the former service station driveway were removed to allow for the excavation of the underlying soils. Photographs of the excavation procedures are presented in Appendix A.

3.2. Main Excavation

The results of the UST removal and soil excavation (November 1990), the initial site assessment (February 1992), and the supplemental site assessment (February 1995), were used to direct the soil excavation activities in May 1998. An EDG geologist was present to direct the soil excavation and to employ field screening techniques to help determine the remaining lateral and vertical extent of petroleum hydrocarbon impacts in soil. Soil screening techniques employed by EDG included:

- Head-space screening using a hand-operated organic vapor monitor (OVM),
- visual and olfactory observations, and
- soil location with respect to the areas of known impact as determined during previous site assessment activities.

The main excavation bordered State Highway 50 to the south and covered a surface area of approximately 4,000 square feet (Figure 5). The excavation dimensions were roughly 100 feet long by 40 feet wide. Depths within the main excavation ranged from 9 to 15 feet below ground surface. Groundwater was not encountered during completion of the main excavation.

3.3. Product Line Excavation

During removal of an abandoned product line, hydrocarbon impacted soils were discovered in a small area in the central portion of the site. The discovery prompted the completion of a second, smaller excavation (Figure 6). The product line excavation was directed by the onsite EDG geologist based upon field screening techniques. The second excavation was completed down to the surface of the underlying bedrock at 12.5 feet. Groundwater was not encountered during completion of the product line excavation.

3.4. Confirmation Soil Sampling and MDNR Soil Cleanup Levels

Following completion of the excavation activities, confirmation soil samples were collected from the bottom and side-walls of the excavations. Side-wall samples were collected one foot above the bottom of the excavation. Soil samples were submitted to Pace Analytical Services,

Inc. in Lenexa, Kansas for laboratory testing. The confirmation soil samples were laboratory analyzed for Total Petroleum Hydrocarbons (TPH) as gasoline and Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) by EPA Method 8020/OA1, Total Extractable Hydrocarbons (TEPH) by EPA Method 8015/OA2, and Methyl-tert-butyl Ether (MTBE) by EPA Method 8020.

The soil cleanup levels for the site were determined following the MDNR Underground Storage Tank Closure Guidance Document (MDNR, March 1996). A MDNR LUST Soil Cleanup Guidelines for Undisturbed Soil score sheet was completed based on site-specific information and recorded a total site score of 95. As determined by the site score, the corresponding soil cleanup levels listed in the MDNR guidance are as follows:

TPH	200 mg/kg
BTEX	1/5/10/10 mg/kg

The MDNR LUST Soil Cleanup Guidelines for Undisturbed Soil score sheet for the site is presented in Appendix B.

3.5. Main Excavation – Conformation Soil Sample Results

The main excavation was considered complete when: 1) laboratory results of the confirmation soil samples were below site cleanup levels, 2) stained soil was no longer visible, 3) gasoline odors were no longer present, and 4) OVM readings were less than 10 ppm in representative samples. To determine the effectiveness of the remedial actions, eight confirmation soil samples were collected from the side-walls and floor of the main excavation and laboratory analyzed on a rush basis (Figure 5). The soil sample analytical results were then compared to the site-specific soil cleanup levels.

One soil sample (SW-W13), taken from the southern wall of the excavation exceeded soil cleanup level for TPH (SW-W13, 590 mg/kg TPH). Following receipt of the soil analytical result, additional soil was removed from the southern wall of the excavation. This area was then re-sampled and the resulting analysis reported TPH concentrations below the soil cleanup levels (SW-2W12, 51 mg/kg TPH). All other confirmation soil samples collected from the main excavation reported TPH and BTEX concentrations below the site cleanup levels. The confirmation soil sample analytical results for the main excavation are presented in Table 5, and the laboratory data sheets and chain of custody records are presented in Appendix C.

3.6. Product Line Excavation – Confirmation Soil Samples

The same evaluation criteria used in the main excavation were used in the product line excavation to determine the effectiveness of the remedial actions. Four confirmation soil samples were collected from the side-walls and floor of the product line excavation. In addition, one soil sample (PL) was collected from 6 inches beneath the ruptured product line, at a depth of approximately three feet. Laboratory analyses reported that TPH concentrations in the shallow product line sample exceeded the site soil cleanup levels (PL, 312 mg/kg TPH). However, an additional sample (soil sample NWL-6) was later collected from approximately the same location as the product line sample, but at a depth of 6 feet, following excavation of impacted soil. Laboratory analyses of soil sample NWL-6 reported a TPH concentration below the site cleanup level of 200 mg/kg (NWL-6, 120 mg/kg TPH). All other confirmation soil samples collected from the product line excavation reported TPH and BTEX concentrations below site cleanup levels. The confirmation soil analytical results for the product line excavation are presented in Table 5 and laboratory data sheets and chain of custody records are presented in Appendix C.

3.7. Monitor Well Impacts

Four shallow onsite groundwater monitoring wells (MW-1, MW-2, MW-3 and MW-4) were decommissioned during completions of the corrective actions. The former monitoring wells ranged in depth between 12.5 feet and 14.5 feet. At each location, grout, casing and filterpack in each monitoring well was completely removed through over-excavation activities that exceeded the total depth of the well. Figure 3 shows the four former monitoring well locations as well as the four existing monitoring wells locations (MW-5, MW-6, MW-7 and MW-8).

3.8. Excavation Closure

Following receipt of the confirmation soil sample analytical results, the open excavations were backfilled to ground surface. Approximately 1,400 tons of clean backfill was imported and placed in the open excavations. Concrete slabs removed during excavation activities were also used as fill for the Main Excavation. The excavations were then thoroughly compacted. An additional 85 tons of topsoil were imported to aid in the restoration of plant growth on the property. Lastly the concrete sidewalk along the north side of Highway 50 was replaced.

3.9. Soil Disposal

During the May 1998 soil remediation activities approximately 1,817 tons of hydrocarbon impacted soil was excavated and transferred by truck to the Allied Waste Industries, Inc., Show Me Landfill in Warrensburg, Missouri. The final truck shipment of soil was received by the landfill on May 27, 1998. Copies of the soil disposal documentation including landfill weight tickets and cumulative summary are presented in Appendix D.

4. GROUNDWATER MONITORING

In June 1991 EDG installed three groundwater monitoring wells during completion of the initial site assessment. In May 1994 EDG returned and installed five additional monitoring wells, including two offsite, downgradient wells (MW-5 and MW-6). Groundwater monitoring activities, including collecting water level measurements and groundwater samples, were initiated at the site in March 1992. A cumulative summary of groundwater monitoring activities was presented to the MDNR in the *Groundwater Monitoring Report* (Laidlaw/EDG, June 7, 1995). A brief summary of site hydrology and groundwater impacts is presented below.

4.1. Site Hydrology and Groundwater Impacts

Shallow groundwater at the site was first encountered during drilling at depths ranging from 8 to 12 feet below ground surface. The groundwater appears to be partially confined by the shallow underlying fine-grained sediments (clay). An increase of approximately 4 to 6 feet was reported between the depth to where groundwater was first encountered during drilling and the static water level elevation measures in the completed monitoring wells. Groundwater elevation measurements recorded over a period of eight years indicate that the shallow groundwater gradient (flow direction) is predominantly to the southeast. In addition, historic elevation measurements indicate that groundwater elevations fluctuate as much as 4 feet at the site.

In June 1991, TPH and BTEX concentrations were detected in two onsite monitoring wells (MW-2 and MW-3). In May 1994, TPH and BTEX concentrations were detected in one offsite, downgradient monitoring well (MW-5). Since the initial sampling events, TPH and

BTEX concentrations in groundwater have decreased at each monitoring well location. Cumulative groundwater analytical results are presented in Table 3.

4.2. Groundwater Monitoring, October 1998 and April 1999

Since the completion of May 1998 soil excavation, two semi-annual groundwater monitoring events were conducted in October 1998 and April 1999. Groundwater samples were collected from all four remaining monitoring well locations and laboratory analyzed for TPH and BTEX constituents. Groundwater analytical results for both monitoring events reported TPH and BTEX concentrations below the MDNR LUST Non-Potable Groundwater Cleanup Levels (MDNR, March 1996, presented in Appendix B). Cumulative groundwater analytical results are presented in Table 3. Laboratory data sheets and chain of custody records for the two most recent groundwater sampling events are presented in Appendix E. Cumulative groundwater elevation measurements are presented in Table 4.

4.3. Natural Attenuation / Biodegradation

Natural attenuation results in decreases in chemical concentrations with time and includes such processes as biodegradation, volatilization, hydrolysis and other chemical reactions. Existing groundwater monitoring data indicates that natural attenuation appears to be ongoing at the former UST site. Groundwater analytical results have reported dramatic reductions in benzene concentrations with time at several well locations across the site (Table 4). Benzene concentrations in monitoring well MW-5 have decreased by nearly an order of magnitude since the initial monitoring event in May 1994.

Gasoline constituents released to the subsurface degrade naturally and comparatively quickly under most field conditions. The effects of natural attenuation will result in rapidly reduced soil and groundwater concentrations of the gasoline constituents at most sites (LLNL, 1995). Recent field and laboratory studies that are documented in scientific literature have identified significant reductions in benzene concentrations due to natural biodegradation in both aerobic (Chiang et al., 1989; Testa and Winegardner, 1991) and anaerobic (Wilson and Rees, 1986) hydrochemical environments. The biological half-life values for benzene in groundwater identified in the scientific literature include the following: 0.20 years (Chiang et al., 1989), 0.02-0.20 years (Gherini et al., 1989), 0.30 years (Davis and Olsen, 1990), and 0.10-2.0 years (Howard et al., 1993).

5. SUMMARY AND CONCLUSIONS

The following summarizes the results of the UST removal, site assessment, soil remediation, and groundwater monitoring activities. Conclusions are presented in accordance with the findings of the site activities.

5.1. SUMMARY

On November 10, 1990, two 12,000 gallon, gasoline USTs were removed from the former Old Hudson Gas Station site in Sedalia, Missouri (LSP LU#1999). During excavation, EDG personnel observed gasoline-stained soil in the immediate vicinity of the tanks. The MDNR was notified of the release and approximately 1,731 tons of petroleum hydrocarbon impacted soil was excavated and transported by truck to the Central Missouri landfill in Sedalia, Missouri for offsite disposal.

An initial and supplemental site assessment was conducted at the former UST site in June 1991 and May 1994, respectively. Periodic groundwater monitoring activities were initiated at the site in March 1992. The results of the site assessments and groundwater monitoring activities are summarized in this report and presented in detail in the *Site Assessment, Leaking Underground Storage Tank Closures* (USPCI/EDG, February 27, 1992), *Supplemental Site Characterization Report and Feasibility Study* (USPCI/EDG, February 3, 1995), and *Groundwater Monitoring Report* (Laidlaw/EDG, June 7, 1995).

In May 1998 EDG coordinated the excavation and offsite disposal of approximately 1,817 tons of soil from two separate areas located in the southern and central portions of the site. Following completion of the excavation activities, confirmation soil samples were collected from the bottom and side-walls of the excavations. The confirmation soil samples were laboratory analyzed for TPH, TEPH, BTEX, and MTBE. The soil sample analytical results were then compared to the site-specific soil cleanup levels in order to determine if the soil remediation efforts were complete. All final confirmation soil samples collected from the two excavations reported TPH, BTEX, and MTBE concentrations below the site cleanup levels.

Since the completion of remedial corrective actions in May 1998, two semi-annual groundwater monitoring events have been conducted at the site. Water samples collected in October 1998 and April 1999 were analyzed for TPH and BTEX constituents. Groundwater analytical results for both monitoring events reported TPH and BTEX concentrations below the MDNR LUST Non-Potable Groundwater Cleanup Levels (MDNR, March 1996).

5.2. Conclusions

The results of the corrective action and groundwater monitoring activities indicate the following:

1. The source areas of hydrocarbon-impacted soil have been removed. All final confirmation soil samples reported TPH, BTEX and MTBE concentrations below the site cleanup levels. Therefore no further action is necessary for site soils.
2. Groundwater monitoring analytical results for October 1998 and April 1999 monitoring events reported TPH and BTEX concentrations below the MDNR LUST Non-Potable Groundwater Cleanup Levels. Therefore no further remedial actions or groundwater monitoring is necessary.
3. Any remaining minor concentrations of petroleum hydrocarbons in both soil and groundwater will be addressed by natural attenuation.

6. RECOMMENDATIONS

In accordance with the findings and conclusions of this report, EDG recommends that no further remedial or monitoring action be taken regarding the petroleum hydrocarbon impacts related to the former USTs. We recommend that the formal closure process be initiated in accordance with the MDNR guidelines. Closure will include plugging and abandoning the four remaining groundwater monitoring wells.

This recommendation is based on the removal of all USTs from the site, the commercial/non-residential setting, the natural biodegradation potential of petroleum hydrocarbons, and the low potential risk of petroleum hydrocarbons in the shallow subsurface soils at the former UST site. Any remaining hydrocarbon-impacted soil and groundwater is unlikely to pose an unacceptable risk to human health or the environment since both soil and groundwater cleanup levels have been met.

In order to document the proper completion of requirements for closure of the UST site, EDG, on behalf of UPRR, requests that the Missouri Department of Natural Resources issue a closure letter for the site following the decommissioning of the existing wells at the site.

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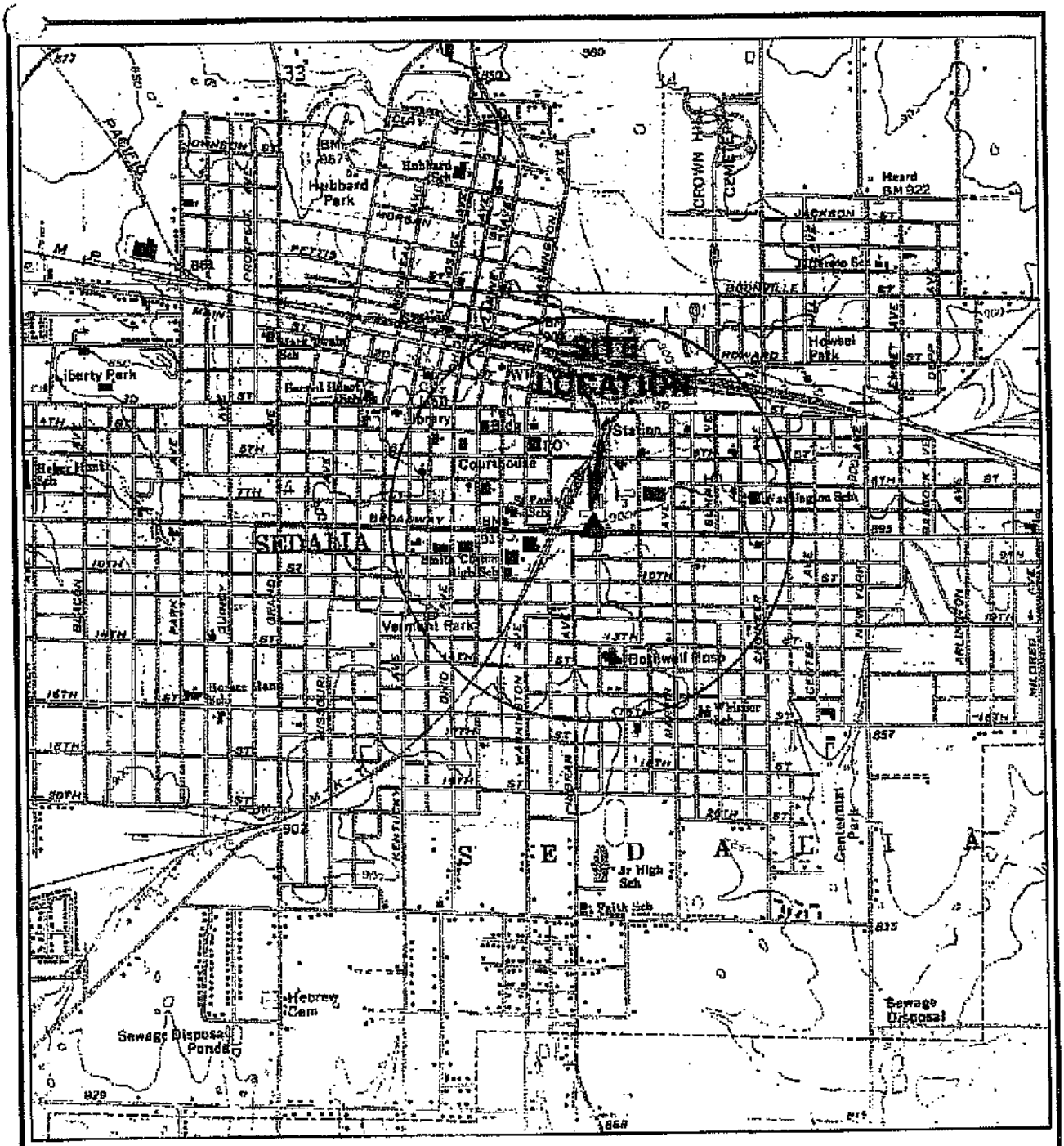
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FIGURES



North

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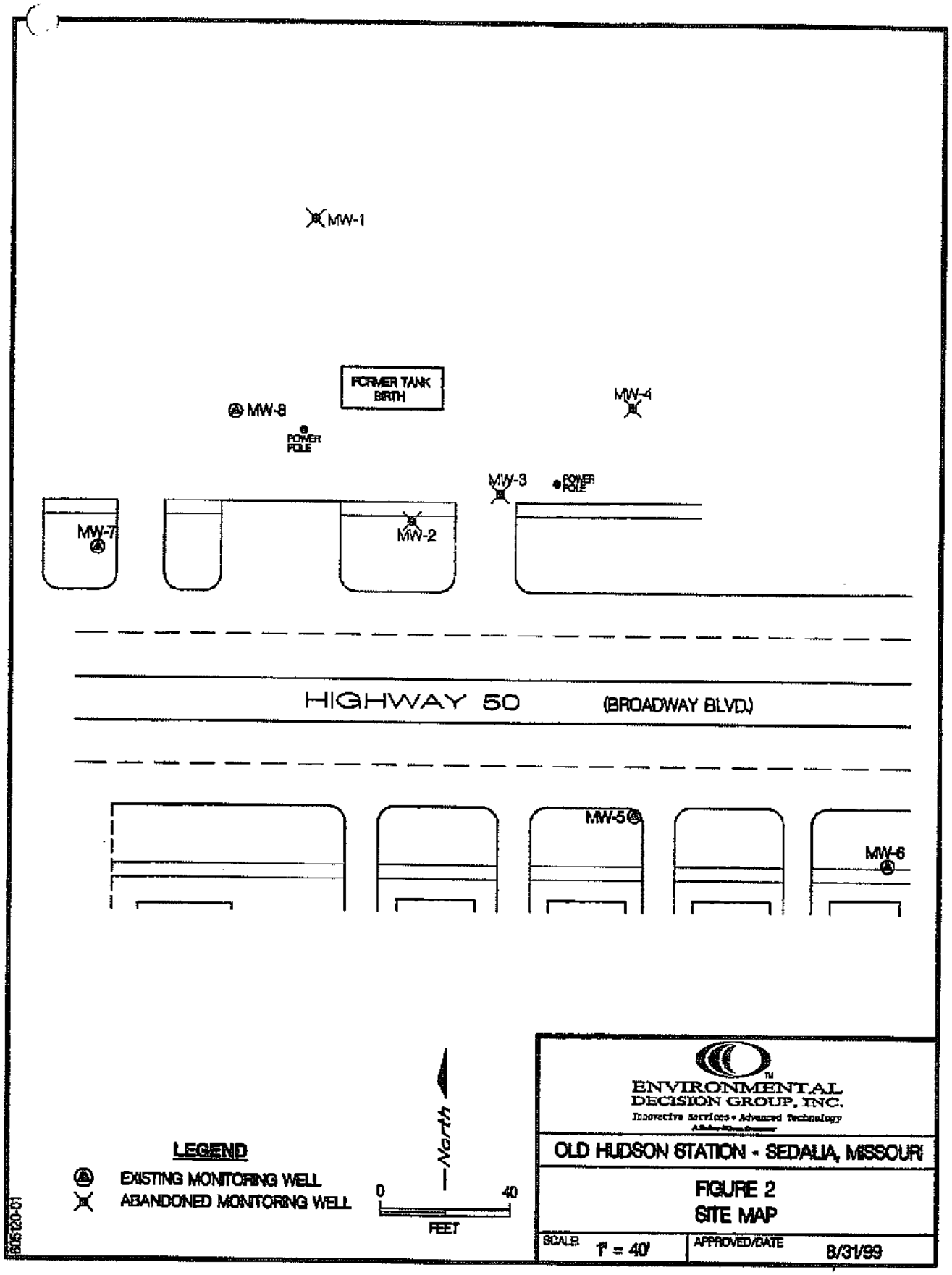
OLD HUDSON STATION - SEDALIA, MISSOURI

FIGURE 1
SITE LOCATION MAP

SCALE 1" = 2000'

DATE 8/10/99

065120-LOCMAP



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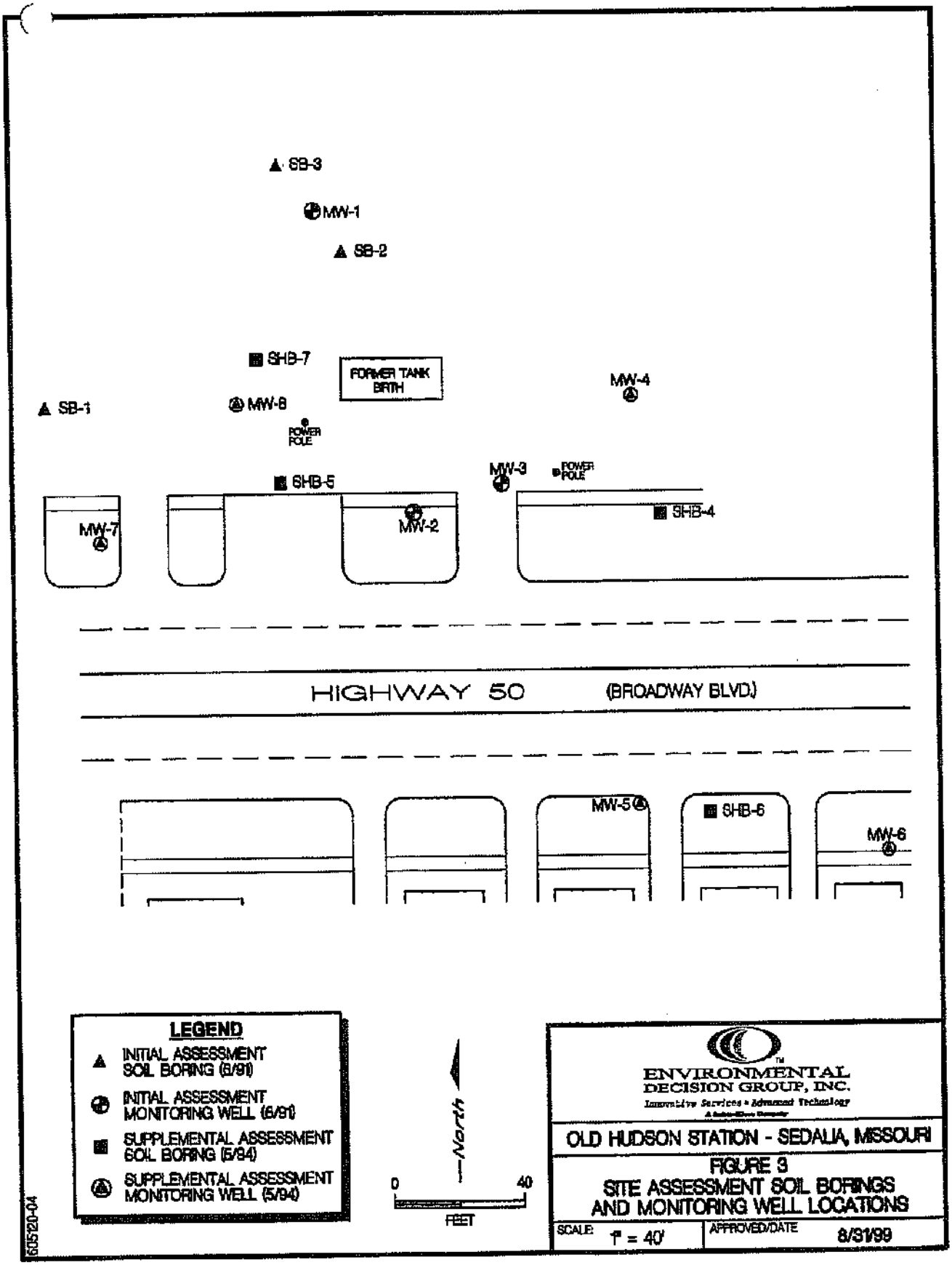
OLD HUDSON STATION - SEDALIA, MISSOURI

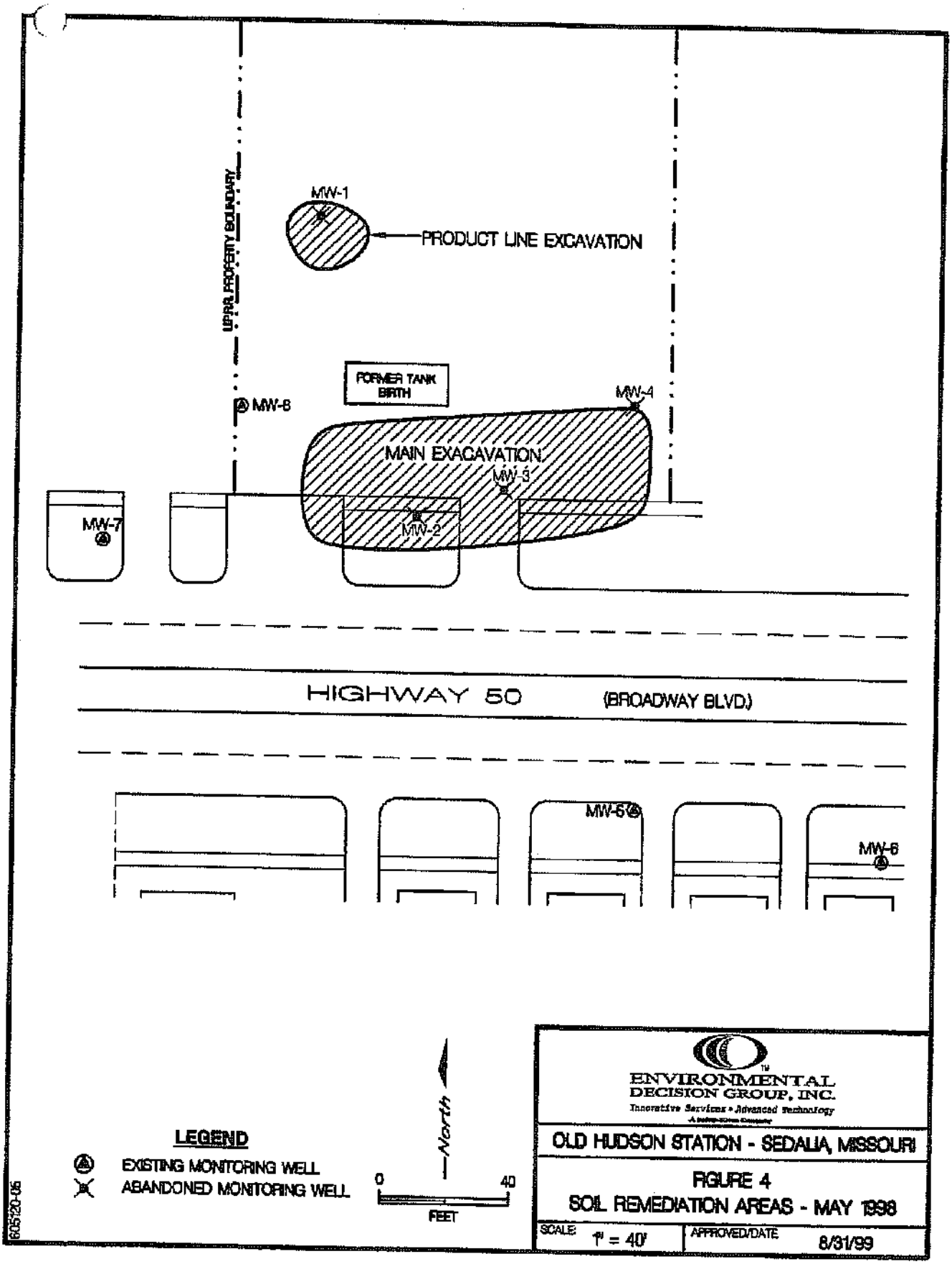
FIGURE 2
SITE MAP

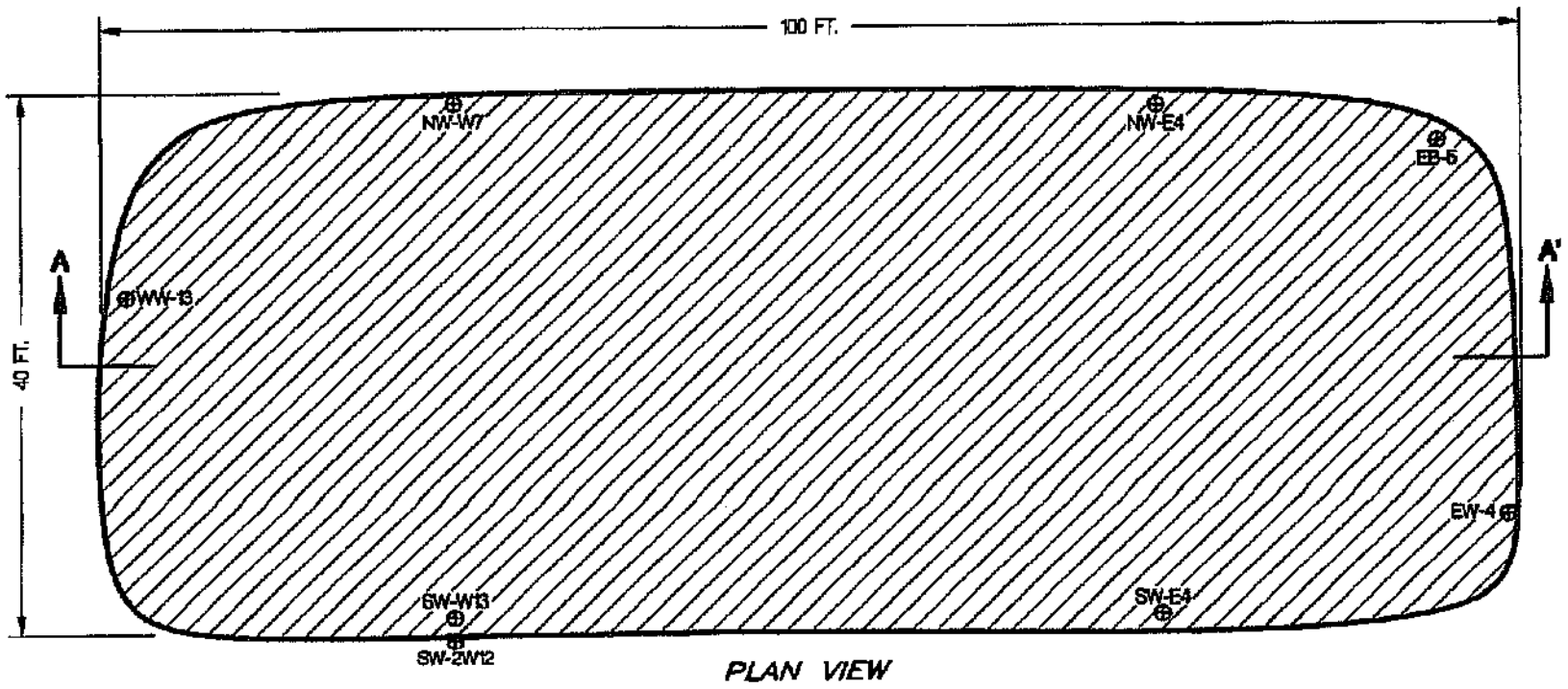
SCALE: 1" = 40'

APPROVED/DATE: 8/31/99

505120-01


SB-3
MW-1
SB-2
SHB-7
FORMER TANK BRTH
MW-4
SB-1
MW-8
POWER POLE
MW-3
POWER POLE
SHB-5
SHB-4
MW-7
MW-2
HIGHWAY 50 (BROADWAY BLVD.)
MW-5
SHB-6
MW-6
LEGEND
INITIAL ASSESSMENT SOIL BORING (6/91)
INITIAL ASSESSMENT MONITORING WELL (6/91)
SUPPLEMENTAL ASSESSMENT SOIL BORING (5/94)
SUPPLEMENTAL ASSESSMENT MONITORING WELL (5/94)
NORTH
0
40
FEET
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OLD HUDSON STATION - SEDALIA, MISSOURI
FIGURE 3
SITE ASSESSMENT SOIL BORINGS AND MONITORING WELL LOCATIONS
SCALE: 1" = 40'
APPROVED/DATE 8/31/99
605220-04


UPRR PROPERTY BOUNDARY
MW-1
PRODUCT LINE EXCAVATION
FORMER TANK BIRTH
MW-8
MW-4
MAIN EXCAVATION
MW-3
MW-2
MW-7
HIGHWAY 50
(BROADWAY BLVD.)
MW-5
MW-6
LEGEND
EXISTING MONITORING WELL
ABANDONED MONITORING WELL
North
0
40
FEET
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OLD HUDSON STATION - SEDALIA, MISSOURI
FIGURE 4
SOIL REMEDIATION AREAS - MAY 1998
SCALE: 1" = 40'
APPROVED/DATE: 8/31/99
605120-05



NOTE: ALL DIMENSIONS ARE APPROXIMATE
DRAWING SCALE APPROXIMATE

LEGEND

⊕ SOIL SAMPLE LOCATIONS

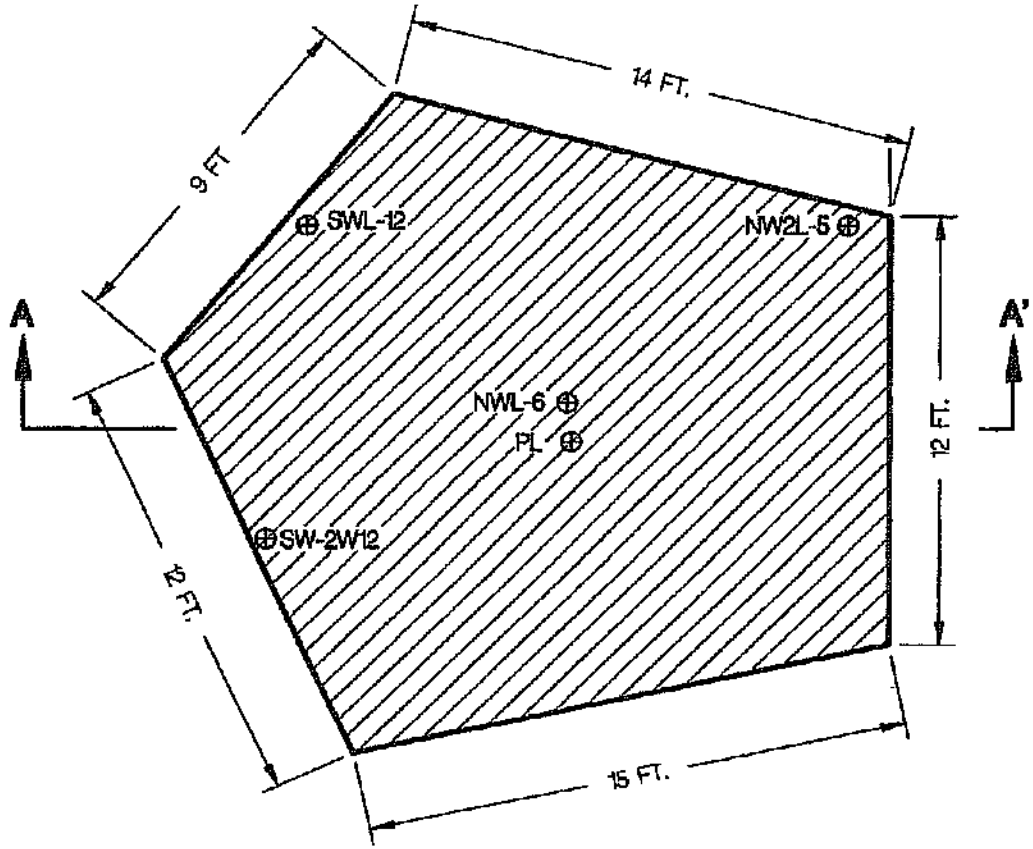
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OLD HUDSON STATION - SEDALIA, MISSOURI

FIGURE 5
MAIN EXCAVATION
CORRECTIVE ACTION MAY 1998

SCALE	DATE
DIMENSIONED	9/2/99

605120-02



NOTES: ALL DIMENSIONS ARE APPROXIMATE
DRAWING SCALE IS APPROXIMATE

PL-SAMPLE WAS COLLECTED FROM 6" BENEATH PRODUCT LINE PRIOR TO DEEP EXCAVATION

LEGEND

⊕ SOIL SAMPLE LOCATIONS

0 5
FEET

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FIGURE 6
PRODUCT LINE EXCAVATION
CORRECTIVE ACTION MAY 1998

SCALE	DATE
1" = 5'	8/31/99

605120-03

TABLES

Table 1
Initial Site Assessment
Soil and Groundwater Analytical Results
651 East Broadway, Sedalia, MO
June 1991

Soil Samples

Boring/ Monitor Well	Sample ID	Depth (ft)	TPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Xylene (mg/kg)	Lead (mg/L)
Boring 1	HB3-45	4.0-5.0	<10	<0.005	<0.005	<0.005	<0.005	NA
Well 1	HW17	6.5-7.5	<10	<0.005	<0.005	<0.005	<0.005	NA
Well 1	HW10-11	10.2-11.0	20	0.017	0.03	<0.005	0.15	6.7/6.4
Well 2	HW289	7.2-7.3	170	1.3	0.58	1.5	4.2	25
Well 3	HW3-79	7.2-8.4	190	<0.25	0.77	0.4	0.7	17/16
Well 3	HW3-15	11.5-12.0	18	0.28	0.17	0.34	0.97	NA

Groundwater Samples

Boring/ Monitor Well	Sample ID	TPH (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-Benzene (mg/L)	Xylene Compounds (mg/L)
Well 1	HW-1	NA	<0.001	0.002	<0.001	0.003
Boring 2	HB-1	<1.0	<0.001	<0.001	<0.001	<0.001
Well 2	HW-2	1,500	0.57	0.35	0.88	2.1
Well 3	HW-3	41	3.5	0.12	0.23	0.8
Trip Blank		NA	<0.001	<0.001	<0.001	<0.001

NA - Not Analyzed
= Duplicate analysis

Table 2
Supplemental Site Assessment
Soil and Groundwater Analytical Results
651 East Broadway, Sedalia, MO
May 1994

Soil Samples

Boring/ Monitor Well	Date Collected	Sample ID	Depth (ft)	TPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Xylene Compounds (mg/kg)
Boring 4	5/4/94	SHB4-15	14.1-15.0	23	<0.001	<0.001	<0.001	<0.001
Boring 5	5/3/94	SHW4-4	3.5-4.5	16	<0.1	<0.1	<0.1	<0.1
Boring 5	5/3/94	SHB5-6	5.9-6.8	16	<0.001	<0.001	<0.001	<0.001
Boring 6	5/3/94	SHB6-11	10.6-11.6	43	<0.001	<0.001	<0.001	<0.001
Well 4	5/5/94	SHW4-5	5.0-5.8	30	<0.001	<0.001	<0.001	<0.001
Well 4	5/5/94	SHW4-13	12.5-13.5	23	<0.001	<0.001	<0.001	<0.001
Well 4	5/5/94	SHW4-23	dup	<10	<0.001	<0.001	<0.001	<0.001
Well 5	5/3/94	SHW5-4	4.5-5.5	<10	<0.001	<0.001	<0.001	<0.001
Well 5	5/3/94	SHW5-9	8.5-9.5	42	<0.500	0.53	<0.500	2.10
Well 6	5/4/94	SHW6-11	10.0-11.1	75	<0.001	<0.001	<0.001	<0.001
Well 7	5/4/94	SHW7-12	12.0-12.5	23	<0.001	<0.001	<0.001	<0.001
Well 8	5/5/94	SHW-11	10.7-12.0	30/29	<0.001	<0.001	<0.001	<0.001

Groundwater Samples

Boring/ Monitor Well	Date Collected	Sample ID	TPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Xylene Compounds (mg/kg)
Boring 5	5/4/94	SHW-5W	NA	<0.25	<0.25	1.00	1.2
Well 1	5/4/94	MW-1	10	<0.001	<0.001	<0.001	<0.001
Well 3	5/4/94	MW-3	5	0.12	0.0085	0.0059	0.011
Well 4	5/5/94	SHW-4	<1.0	<0.001	<0.001	<0.001	<0.001
Well 5	5/5/94	SHW-5W	2	0.25	0.008	0.021	0.026
Well 6	5/5/94	SHW-6	<1.0	<0.001	<0.001	<0.001	<0.001
Well 7	5/5/94	SHW-7	<1.0	<0.001	<0.001	<0.001	<0.001
Well 8	5/5/94	SHW-8	<1.0	<0.005	<0.005	<0.005	<0.005

NA = Not Analyzed
##/## = Duplicate analysis

Table 3
Cumulative Groundwater Analytical Results
Union Pacific Railroad Property
651 East Broadway, Sedalia, MO

Monitoring Well No.	Date Sampled	TPH (G) (mg/l)	TPH (D) (mg/l)	Benzene (ug/l)	Ethylb. (ug/l)	Toluene (ug/l)	Xylenes (ug/l)
MW-1	6/15/91			<1	<1	2	3
	3/19/92	1		<5	<5	<5	<5
	12/16/93	<0.5		<5	<5	<5	<5
	5/4/94	10		<1	<1	<1	<1
	2/16/95	<1		<1	<1	<1	<1
		Well destroyed in excavation May 1998					
MW-2	6/15/91	1,500		570	880	350	2100
	3/19/92	6,400		360	<300	<300	370
	9/22/95	<0.5	<0.5	<2	<2	<2	<2
	1/26/96	12		400	160	<20	98
		Well destroyed in excavation May 1998					
MW-3	6/15/91	41		3,500	230	120	800
	3/19/92	40		2,210	140	80	260
	5/4/94	5		120	8.5	5.9	11
	2/16/95	6		2,800	440	<50	310
	9/22/95	<5	3	1,780	90	220	320
	1/26/96	11		1300	95	27	100
		Well destroyed in excavation May 1998					
MW-4		Well installed May 1994					
	5/23/94			<1	<5	<5	<5
	2/16/95	4		<1	<1	<1	<1
	8/25/97	<0.1		<1	<1	<1	<1
		Well destroyed in excavation May 1998					
MW-5		Well installed May 1994					
	5/23/94	2		250	6	21	29
	2/16/95	<1		210	<20	<20	<20
	9/22/95	<0.05	0.4	132	4	<2	5
	1/26/96	0.25		18	<1	<1	<1
	10/24/96	<1		13	<1	<1	<1
	8/25/97	0.24		18.6	<1	2.8	5
	10/28/98	1.4	<1.0	28/23	<1	1.9/1.5	3.4/2.6
	4/27/99	1.8	<1.0	27/42	1.2/1.7	1.8/2.9	2.0/3.8
MW-6		Well installed May 1994					
	5/23/94	<1		<1	<1	<1	<1
	2/16/95	<1		<1	<1	<1	<1
	8/25/97	<0.1		<1	<1	<1	<1
	10/28/98	<1	<1	<1	<1	<1	<1
	4/27/99	<1	<1	<1	<1	<1	<1
MW-7		Well installed May 1994					
	5/23/94	<1		<1	<1	<1	<1
	2/16/95	<1		<1	<1	<1	<1
	10/28/98	<1	<1	<1	<1	<1	<1
	4/27/99			<1	<1	<1	<1
MW-8		Well installed May 1994					
	5/17/94	<1		<1	<1	<1	<1
	2/16/95	<1		<1	<1	<1	<1
	10/28/98	<1	<1	<1	<1	<1	<1
	4/27/99	<1	<1	<1	<1	<1	<1

#/# = Duplicate analysis

Table 4
Cumulative Groundwater Elevation Measurements
Union Pacific Railroad Property
651 East Broadway, Sedalia, MO

Monitoring Well No.	Date Sampled	Wellhead Elevation (msl)	Depth to Groundwater (feet)	Groundwater Elevation (msl)
MW-1	6/15/91	893.65	12.45	881.20
	3/17/92	893.65	6.89	886.76
	3/31/93	893.65	4.20	889.45
	6/25/93	893.65	5.28	888.37
	9/29/93	893.65	5.79	887.86
	12/19/93	893.65	4.01	889.64
	5/5/94	893.65	4.10	889.55
	2/16/95	893.65	5.77	887.88
	1/26/96	893.65	9.18	884.47
	8/25/97	893.65	5.76	887.89
	Well abandoned during excavation May 1998			
MW-2	6/15/91	891.79	6.89	884.90
	3/17/92	891.79	6.47	885.32
	3/31/93	891.79	4.90	886.89
	6/25/93	891.79	5.50	886.29
	9/29/93	891.79	4.53	887.26
	12/19/93	891.79	3.49	888.30
	5/5/94	891.79	3.43	888.36
	2/16/95	891.79	5.37	886.42
	9/21/95	891.79	7.60	884.19
	1/26/96	891.79	6.67	885.12
	8/25/97	891.79	4.74	887.05
	Well abandoned during excavation May 1998			
MW-3	6/15/91	891.7	6.08	885.62
	3/17/92	891.7	6.09	885.61
	3/31/93	891.7	5.36	886.34
	6/25/93	891.7	5.80	885.90
	9/29/93	891.7	5.43	886.27
	12/19/93	891.7	6.38	885.32
	5/5/94	891.7	4.16	887.54
	2/16/95	891.7	5.87	885.33
	9/21/95	891.7	7.33	884.37
	1/26/96	891.7	7.25	884.45
	Well abandoned during excavation May 1998			

Table 4
Cumulative Groundwater Elevation Measurements
Union Pacific Railroad Property
651 East Broadway, Sedalia, MO

Monitoring Well No.	Date Sampled	Wellhead Elevation (msl)	Depth to Groundwater (feet)	Groundwater Elevation (msl)
MW-4	Well installed May 1994			
	5/6/94	891.9	2.78	889.12
	2/16/95	891.9	4.81	887.09
	9/21/95	891.9	6.58	885.32
	1/26/96	891.9	7.08	884.82
	8/25/97	891.9	4.98	886.94
	Well abandoned during excavation May 1998			
MW-5	Well installed May 1994			
	5/6/94	890.15	6.30	883.85
	2/16/95	890.15	6.60	883.55
	9/21/95	890.15	6.40	883.75
	1/26/96	890.15	6.76	883.39
	8/25/97	890.15	6.57	883.58
	10/28/98	890.15	6.16	883.99
	4/27/99	890.15	6.28	883.87
MW-6	Well installed May 1994			
	5/6/94	890.02	5.51	884.51
	2/16/95	890.02	6.02	884.00
	9/21/95	890.02	5.95	884.07
	1/26/96	890.02	6.12	883.90
	8/25/97	890.02	5.73	884.29
	10/28/98	890.02	5.77	884.25
	4/27/99	890.02	4.54	885.48
MW-7	Well installed May 1994			
	5/6/94	892.58	4.79	887.79
	2/16/95	892.58	6.60	885.98
	9/21/95	892.58	3.60	888.98
	1/26/96	892.58	7.90	884.68
	8/25/97	892.58	6.14	886.44
	10/28/98	892.58	5.10	887.48
	4/27/99	892.58	4.62	887.96
MW-8	Well installed May 1994			
	5/6/94	893.48	9.40	8884.08
	2/16/95	893.48	6.48	887.00
	9/21/95	893.48	5.20	888.28
	1/26/96	893.48	8.63	884.85
	8/25/97	893.48	5.99	887.49
	10/28/98	893.48	5.27	888.21
	4/27/99	893.48	0.96	892.52

Table 5
Confirmation Soil Samples
Analytical Results
Corrective Action - Main Excavation
651 East Broadway, Sedalia, MO
May 1998

Initial Analytical Results

Sample ID	Location (Wall/Bottom)	Depth (feet)	Extractable HC (mg/kg)	TPH-G (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Xylene Compounds (mg/kg)	MTBE (mg/kg)	Remarks
NW-E4	North (east side)	4	<10	17	<0.050	<0.050	0.1	<0.130	<0.260	1' above bottom
NW-W7	North (west side)	7	<10	100	<0.120	<0.120	0.49	0.61	<0.620	1' below former clean fill
SW-E4	South (east side)	5	<10	8.5	<0.050	<0.050	<0.050	<0.130	<0.260	1' above bottom
SW-W13	South (east side)	14	<10	590	0.87	<0.440	3.1	<1.100	<2.300	within 1' bedrock
EW-4	East	4	<10	<5	<0.050	<0.050	<0.050	<0.130	<0.260	3' beneath concrete
WW-13	West	13.5	<10	7.9	0.16	0.1	0.13	0.22	<0.260	within 1' bedrock
EB-5	East bottom	5	<10	91	<0.097	<0.097	0.64	<0.250	<0.500	
MDNR Leaking UST Cleanup				200	1	5	10	10	140	

Final Side Wall Analytical Results

Sample ID	Location (Wall/Bottom)	Depth (feet)		TPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Xylene Compounds (mg/kg)	MTBE (mg/kg)	Remarks
SW-2W12	South (west side)	12		51	<0.083	<0.083	0.19	0.5	<0.430	

< = Not detected above laboratory detection limit

Table 5 (cont)
Confirmation Soil Samples
Analytical Results
Corrective Action - Product Line Excavation
651 East Broadway, Sedalia, MO
May 1998

Initial Analytical Results

Sample ID	Location (Wall/Bottom)	Depth (feet)	Extractable HC (mg/kg)	TPH-G (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Xylene Compounds (mg/kg)	MTBE (mg/kg)	Remarks
PL	Prod Line Break	2	1100 diesel	320	<0.500	<0.500	2.1	<1.300	<2.600	Prior to excavation
NWL-6	North	6	1100 diesel	120	0.11	<0.097	0.78	1.2	<0.500	
SWL-12	Southwest	12	42 diesel	18	<0.097	0.5	0.055	0.11	<0.510	
MDNR Leaking UST Cleanup				200	1	2	5	5	140	

Final Side Wall Analytical Results

Sample ID	Location (Wall/Bottom)	Depth (feet)	Extractable HC (mg/kg)	TPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Xylene Compounds (mg/kg)	MTBE (mg/kg)	Remarks
NW2L-5	Northwest	5'	300 diesel	<5	<0.050	<0.050	<0.050	<0.130	<0.280	

< = Not detected above laboratory detection limit

APPENDIX A

Site Photographs



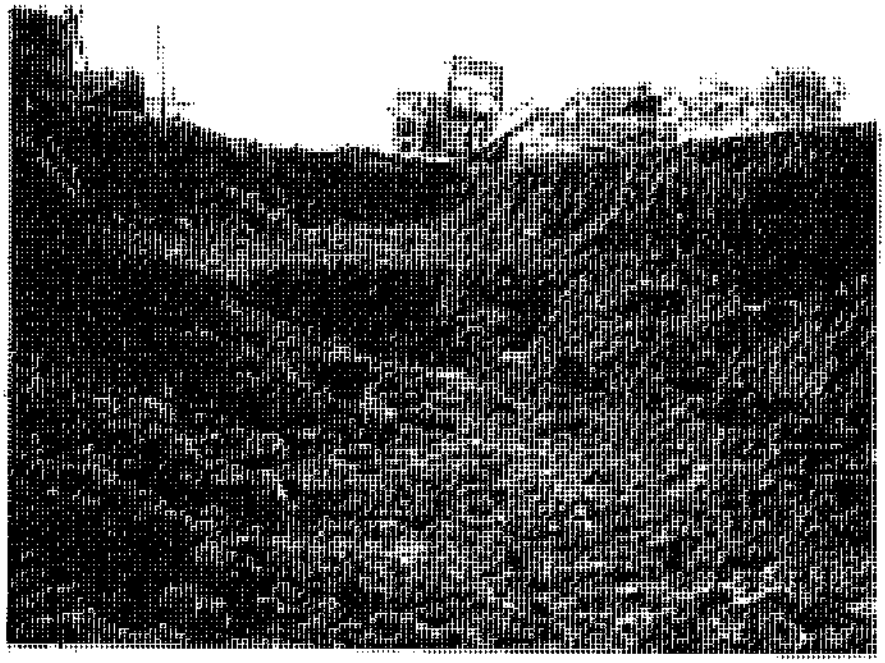
View looking north prior to commencement of main excavation..
(Old Hudson Station, Sedalia, MO)



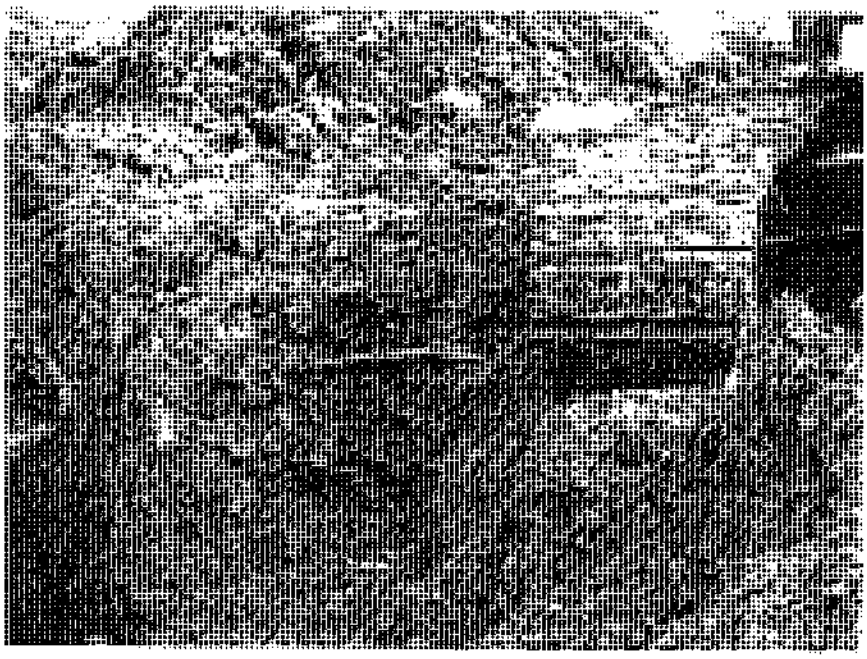
View looking south. Main excavation.
(Old Hudson Station, Sedalia, MO)



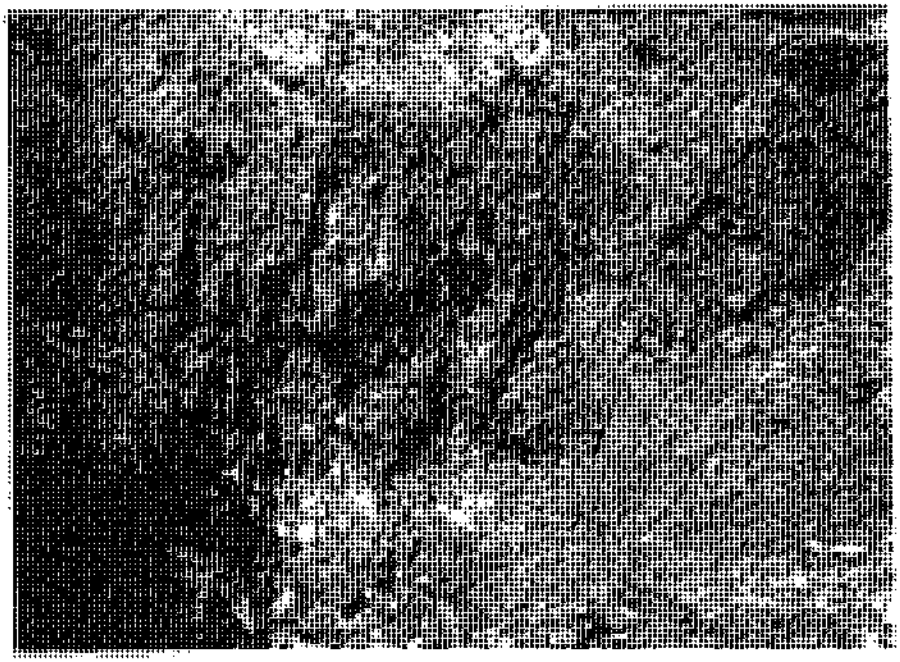
View looking east. Main excavation.
(Old Hudson Station, Sedalia, MO)



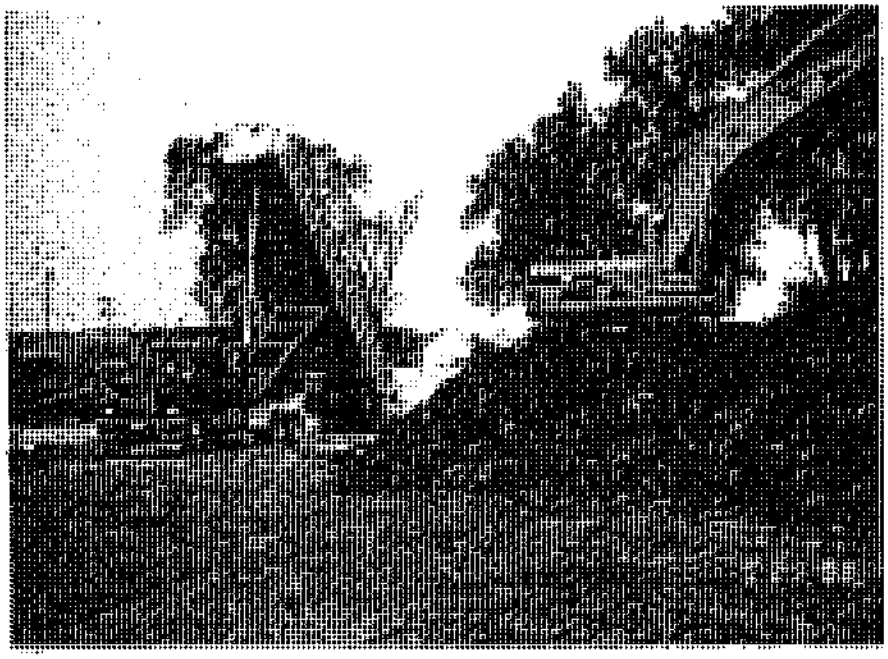
Main excavation.
(Old Hudson Station, Sedalia, MO)



Product line excavation. Soil staining beneath product line.
(Old Hudson Station, Sedalia, MO)



Product line excavation.
(Old Hudson Station, Sedalia, MO)



View looking northwest. Clean soil import.
(Old Hudson Station, Sedalia, MO)



View looking east. Contaminated soil export.
(Old Hudson Station, Sedalia, MO)

APPENDIX B

MDNR Soil Cleanup Guidelines for Undisturbed Soil Score Sheet (MDNR LUST Table 4) and MDNR LUST Non-Potable Groundwater Cleanup Guidelines (MDNR LUST Table 5)

Table 4
LUST Soil Cleanup Guidelines for Undisturbed Soil

Site Features*	Score 15 if True		Score 10 if True		Score 5 if True		Score 0 if True	
Depth to groundwater?	> 100 ft.		100-51 ft.		50-25 ft.		< 25 ft.	X
Groundwater potable?	No	X					Yes	
Drinking water supply proximity?	> 1,000 ft. away	X	1,000-501 ft. away		500-100 ft. away		< 100 ft. away	
Distance to surface waters?	> 5,000 ft.		5,000-2,501 ft.	X	2,500-1,000 ft.		< 1,000 ft.	
Geologic features present?	> 2,000 ft.	X	2,000-1,001 ft.		1,000-500 ft.		< 500 ft.	
Man-made vertical conduits?	> 500 ft.		500-251 ft.		250-100 ft.	X	< 100 ft.	
Man-made horizontal conduits?	> 250 ft.		250-101 ft.		100-50 ft.	X	< 50 ft.	
Soil permeability? (see definitions)	Low		Low-Moderate		Moderate-High	X	High	
Soil thickness? (see overburden map)	> 50 ft		50-41 ft.		40-20 ft.		< 20 ft.	X
Environmentally sensitive receptors?	> 5,000 ft.		5,000-2,501 ft.		2,500-1,000 ft.	X	< 1,000 ft.	
Surrounding land use?	> 1,000 ft. away		1,000-501 ft. away	X	500-100 ft. away		< 100 ft. away	
Future land use?	Industrial		Commercial	X			Residential	
Off-site impact?	No						Yes	X
Subtotals								
							Total Score =	95

Soil Cleanup Levels (ppm)					
Total Score	195-150	149-120	119-80 95	79-50	49 or less
BTEX	4/20/100/100	2/10/50/50	1/5/10/10	0.5/1/2/2	B+T+E+X < 2
TPH	1000	500	200	100	50
MTBE	280		140		60

* See definitions of site features following this table.

March 1996 MDNR UST Closure Guidance Document

Table 5
LUST Non-Potable Groundwater Cleanup Guidelines

Analyte	Groundwater Cleanup Levels (ppb)
Benzene	50* .05 ppm
Toluene	150 0.15 ppm
Ethylbenzene	320 0.32 ppm
Xylenes	320 0.32 ppm
Total BTEX	750 0.75 ppm
Total Petroleum Hydrocarbons (TPH)	10,000 10 ppm
MTBE	400* 0.4 ppm
PAHs	**See Note.

* If groundwater is potable, the cleanup standard for benzene is 5 ppb and MTBE is 40 ppb.
** Any PAH analytic results above detection limits will be evaluated on a case by case basis.

5.5 Site Characterization

DNR requires that a site characterization be performed if any of the conditions in Table 6 exist and if cleanup goals have not been met. Guidance for conducting a site characterization is provided in the *Missouri Site Characterization Guidance Document*. This document may be ordered from the Hazardous Waste Program.

Table 6
Conditions Requiring a Site Characterization

1.	More than 500 yd^3 of soil excavated per site or facility.
2.	Groundwater contains BTEX, TPH, and MTBE levels above the analytical detection limits (Section 6.8).
3.	Excavation is unable to achieve the cleanup levels within the physical limitations of the site (e.g., buildings, boundaries, utilities).

5.6 Companies Performing UST Closures

DNR does not license or certify companies who perform UST closures and cannot recommend a company.

Table 7 presents a summary of some general information that an owner/operator should obtain from prospective contractors prior to selecting a contractor.

APPENDIX C

Confirmation Soil Sample Laboratory Data Sheets and Chain of Custody Records

Pace Analytical

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
Tel: 913-599-5665
Fax: 913-599-1759

May 22, 1998

Mr. BRUCE ZUCCARO
Laidlaw Environmental Services
5665 FLATIRON PKWY
BOULDER, CO 80301-2800

RE: Pace Project Number: 6021806
Client Project ID: 96120-605 OLD HUDSON LEAK UST

Dear Mr. ZUCCARO:

Enclosed are the results of analyses for sample(s) received on May 20, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Rebecca Wenner
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
Tel: 913-599-5665
Fax 913-599-1759

DATE: 05/22/98
PAGE: 1

Laidlaw Environmental Services
5665 FLATIRON PKWY
BOULDER, CO 80301-2800

Pace Project Number: 6021806
Client Project ID: 96120-605 OLD HUDSON LEAK UST

Attn: Mr. BRUCE ZUCCARO
Phone: (303)938-5500

Solid results are reported on a wet weight basis

Pace Sample No: 601886153 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: PL Date Received: 05/20/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC -- Volatiles							
TPH Gas/BTEX	Method: EPA 8020/OA1				Prep Method: THP Gas/BTEX		
Gasoline Range Hydrocarbons	320	mg/kg	50	05/21/98	MJW		
Benzene	ND	ug/kg	500	05/21/98	MJW	71-43-2	
Toluene	ND	ug/kg	500	05/21/98	MJW	108-88-3	
Ethylbenzene	2100	ug/kg	500	05/21/98	MJW	100-41-4	
Xylene (Total)	ND	ug/kg	1300	05/21/98	MJW	1330-20-7	
Methyl-tert-butyl Ether	ND	ug/kg	2600	05/21/98	MJW	1634-04-4	
a,a,a-Trifluorotoluene (S)	108	%		05/21/98	MJW	2164-17-2	
4-Bromofluorobenzene (S)	93	%		05/21/98	MJW	460-00-4	
GC -- Semi-VOA							
Total Extractable Hydrocarbons	Method: OA2				Prep Method: OA2		
Mineral Spirits	ND	mg/kg	10	05/21/98	CCP		
Jet Fuel	ND	mg/kg	10	05/21/98	CCP		
Kerosene	ND	mg/kg	10	05/21/98	CCP		
Diesel Fuel	1100	mg/kg	10	05/21/98	CCP	11-84-7...	
Fuel Oil	ND	mg/kg	10	05/21/98	CCP		
Motor Oil	ND	mg/kg	10	05/21/98	CCP		
n-Tetracosane (S)	77	%		05/21/98	CCP	646-31-1	
p-Terphenyl (S)	68	%		05/21/98	CCP	92-94-4	
Date Extracted				05/21/98			

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
Tel: 913-599-5665
Fax: 913-599-1759

Pace Analytical

Pace Project Number: 6021806
Client Project ID: 96120-605 OLD HUDSON LEAK UST

Pace Sample No: 601886179 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: MWL-6 Date Received: 05/20/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC -- Volatiles							
TPH Gas/BTEX		Method: EPA 8020/OA1			Prep Method: THP Gas/BTEX		
Gasoline Range Hydrocarbons	120	mg/kg	9.7	05/21/98	SLC		
Benzene	110	ug/kg	97	05/21/98	SLC	71-43-2	
Toluene	ND	ug/kg	97	05/21/98	SLC	108-88-3	
Ethylbenzene	780	ug/kg	97	05/21/98	SLC	100-41-4	
Xylene (Total)	1200	ug/kg	250	05/21/98	SLC	1330-20-7	
Methyl-tert-butyl Ether	ND	ug/kg	500	05/21/98	SLC	1634-04-4	
a,a,a-Trifluorotoluene (S)	104	%		05/21/98	SLC	2164-17-2	
4-Bromofluorobenzene (S)	98	%		05/21/98	SLC	460-00-4	
GC -- Semi-VOA							
Total Extractable Hydrocarbons		Method: OA2			Prep Method: OA2		
Mineral Spirits	ND	mg/kg	10	05/21/98	CCP		
Jet Fuel	ND	mg/kg	10	05/21/98	CCP		
Kerosene	ND	mg/kg	10	05/21/98	CCP		
Diesel Fuel	1100	mg/kg	10	05/21/98	CCP	11-84-7...	
Fuel Oil	ND	mg/kg	10	05/21/98	CCP		
Motor Oil	ND	mg/kg	10	05/21/98	CCP		
n-Tetracosane (S)	62	%		05/21/98	CCP	646-31-1	
p-Terphenyl (S)	56	%		05/21/98	CCP	92-94-4	
Date Extracted				05/21/98			

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
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Fax: 913-599-1759

Pace Analytical

Pace Project Number: 6021806
Client Project ID: 96120-605 OLD HUDSON LEAK UST

Pace Sample No: 601886229 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: SWL-12 Date Received: 05/20/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC -- Volatiles							
TPH Gas/BTEX		Method: EPA 8020/OA1			Prep Method: THP Gas/BTEX		
Gasoline Range Hydrocarbons	18	mg/kg	9.7	05/22/98	SLC		
Benzene	ND	ug/kg	97	05/22/98	SLC	71-43-2	
Toluene	50	ug/kg	97	05/22/98	SLC	108-88-3	1
Ethylbenzene	55	ug/kg	97	05/22/98	SLC	100-41-4	1
Xylene (Total)	110	ug/kg	250	05/22/98	SLC	1330-20-7	1
Methyl-tert-butyl Ether	ND	ug/kg	510	05/22/98	SLC	1634-04-4	
a,a,a-Trifluorotoluene (S)	112	%		05/22/98	SLC	2164-17-2	
4-Bromofluorobenzene (S)	91	%		05/22/98	SLC	460-00-4	
GC -- Semi-VOA							
Total Extractable Hydrocarbons		Method: OA2			Prep Method: OA2		
Mineral Spirits	ND	mg/kg	10	05/22/98	CCP		
Jet Fuel	ND	mg/kg	10	05/22/98	CCP		
Kerosene	ND	mg/kg	10	05/22/98	CCP		
Diesel Fuel	42	mg/kg	10	05/22/98	CCP	11-84-7...	
Fuel Oil	ND	mg/kg	10	05/22/98	CCP		
Motor Oil	ND	mg/kg	10	05/22/98	CCP		
n-Tetracosane (S)	64	%		05/22/98	CCP	646-31-1	
p-Terphenyl (S)	53	%		05/22/98	CCP	92-94-4	
Date Extracted				05/21/98			

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Pace Project Number: 6021806
Client Project ID: 96120-605 OLD HUDSON LEAK UST

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[1]	Detected but below the PRL; therefore, result is an estimated concentration (CLP J-Flag).

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QUALITY CONTROL DATA

Laidlaw Environmental Services
5665 FLATIRON PKWY
BOULDER, CO 80301-2800

Pace Project Number: 6021806
Client Project ID: 96120-605 OLD HUDSON LEAK UST

Attn: Mr. BRUCE ZUCCARO
Phone: (303)938-5500

QC Batch ID: 45862
QC Batch Method: THP Gas/BTEX
Analysis Method: EPA 8020/OA1
Analysis Description: TPH Gas/BTEX
Associated Pace Samples: 601886153 601886179 601886229

METHOD BLANK: 601886526
Associated Pace Samples:
601886153 601886179 601886229

Parameter	Units	Method Blank Result	PRL	Footnotes
Gasoline Range Hydrocarbons	mg/kg	1.7	0.01	
Benzene	ug/kg	ND	100	
Toluene	ug/kg	ND	100	
Ethylbenzene	ug/kg	ND	100	
Xylene (Total)	ug/kg	ND	200	
Methyl-tert-butyl Ether	ug/kg	ND	520	
a,a,a-Trifluorotoluene (S)	%	113		
4-Bromofluorobenzene (S)	%	96		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 601887979 601887987

Parameter	Units	601885825	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Gasoline Range Hydrocarbons	mg/kg	1.332	49.93	46.84	91.2	45.68	88.6	3	
Benzene	ug/kg	0	499.3	565.9	113	514.9	103	10	
Toluene	ug/kg	0	499.3	515.2	103	518.3	104	0	
Ethylbenzene	ug/kg	0	499.3	589.4	118	562.9	112	5	
Xylene (Total)	ug/kg	5.679	1498	1766	118	1688	112	5	
a,a,a-Trifluorotoluene (S)					115		115		
4-Bromofluorobenzene (S)					91		93		

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QUALITY CONTROL DATA

Pace Project Number: 6021806
Client Project ID: 96120-605 OLD HUDSON LEAK UST

LABORATORY CONTROL SAMPLE: 601885932

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Gasoline Range Hydrocarbons	mg/kg	50	51.93	104	
Benzene	ug/kg	500	563.6	113	
Toluene	ug/kg	500	548.8	110	
Ethylbenzene	ug/kg	500	595.8	119	
Xylene (Total)	ug/kg	1500	1771	118	
a,a,a-Trifluorotoluene (S)				101	
4-Bromofluorobenzene (S)				97	

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QUALITY CONTROL DATA

Laidlaw Environmental Services
5665 FLATIRON PKWY
BOULDER, CO 80301-2800

Pace Project Number: 6021806
Client Project ID: 96120-605 OLD HUDSON LEAK UST

Attn: Mr. BRUCE ZUCCARO
Phone: (303)938-5500

QC Batch ID: 45875
QC Batch Method: OA2
Analysis Method: OA2
Analysis Description: Total Extractable Hydrocarbons
Associated Pace Samples: 601886153 601886179 601886229

METHOD BLANK: 601886393
Associated Pace Samples:
601886153 601886179 601886229

Parameter	Units	Method Blank Result	PRL	Footnotes
Mineral Spirits	mg/kg	ND	10	
Jet Fuel	mg/kg	ND	10	
Kerosene	mg/kg	ND	10	
Diesel Fuel	mg/kg	ND	10	
Fuel Oil	mg/kg	ND	10	
Motor Oil	mg/kg	ND	10	
n-Tetracosane (S)	%	59		
p-Terphenyl (S)	%	50		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 601886401 601886419

Parameter	Units	601886047	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Diesel Fuel	mg/kg	0	500	399.2	79.8	445.3	89.1	11	
n-Tetracosane (S)					59		66		
p-Terphenyl (S)					50		58		

LABORATORY CONTROL SAMPLE: 601886427

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Diesel Fuel	mg/kg	500	434.8	87.0	
n-Tetracosane (S)				67	

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QUALITY CONTROL DATA

Pace Project Number: 6021806
Client Project ID: 96120-605 OLD HUDSON LEAK UST

LABORATORY CONTROL SAMPLE: 601886427

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
p-Terphenyl (S)				57	

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Pace Project Number: 6021805
Client Project ID: 96120-605 OLD HUDSON LEAK UST

QUALITY CONTROL DATA PARAMETER FOOTNOTES

Consistent with EPA guidelines unrounded concentrations are displayed and have been used to calculate % Rec and RPD values.

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
RPD	Relative Percent Difference
(S)	Surrogate

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Pace Project #: 6021886

ENVIROKLEAN

CC ENVIROKLEAN, INC. 25 EAST COLORADO BLVD. KANSAS CITY KS 66115

1

NAME OF LABORATORY: Pace Analytical
ADDRESS OF LABORATORY: Kansas City, KS
CLIENT NAME: Gaidlon Environmental Svcs
ADDRESS: 5665 Flatiron Pkwy Boulder, CO 80301
NAME OF PERSON TO CONTACT: Bruce Zuccon
CONTACT PERSON'S PHONE: (303)938-5555

2

PROJECT NO.:	P.O.#	PROJECT NAME:
96120-605		Old Hudson Leaking UST

3

SAMPLE DESCRIPTION:	Pace Sample #	DATE	TIME	MATRIX
PL	601886153	5-20-98	13:45	Soil
NWL-6	601886179	5-20	14:20	Soil
SWL-12	601886229	5-20	14:38	Soil

4 PARAMETERS FOR ANALYSIS

TPH-GRO AK 101	TPH-DRO AK 102/103	BTEX	MTBE				NUMBER OF CONTAINERS	PRESERVATIONS
1	1	→					2	-
1	1	→					2	-
1	1	→					2	-

5 REMARKS

Turnaround Time
50% rush

Detection Limits
Special Limits Required
Yes No
Please circle one, if Yes, please describe below or include separate sheet detailing requirements.

50% rush
50% rush
50% rush

6

RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)
Bruce Zucco	5-20-98	15:55	Mallwalker	Mallwalker	5-20-98	18:45	
METHOD OF SHIPMENT: Permed Delivery			RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)

REVISION DATE 10/93

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Pace Analytical

May 22, 1998

Mr. BRUCE ZUCCARO
Laidlaw Environmental Services
5665 FLATIRON PKWY
BOULDER, CO 80301-2800

RE: Pace Project Number: 6021805
Client Project ID: 96120-605 OLD HUDSON LEAKING

Dear Mr. ZUCCARO:

Enclosed are the results of analyses for sample(s) received on May 20, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Rebecca Wenner
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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Fax: 913-599-1759

DATE: 05/22/98
PAGE: 1

Laidlaw Environmental Services
5665 FLATIRON PKWY
BOULDER, CO 80301-2800

Pace Project Number: 6021805
Client Project ID: 96120-605 OLD HUDSON LEAKING

Attn: Mr. BRUCE ZUCCARO
Phone: (303)938-5500

Solid results are reported on a wet weight basis

Pace Sample No: 601885940 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: SW-W13 Date Received: 05/20/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC -- Volatiles							
TPH Gas/BTEX		Method: EPA 8020/OA1			Prep Method: THP Gas/BTEX		
Gasoline Range Hydrocarbons	590	mg/kg	44	05/21/98	SLC		
Benzene	870	ug/kg	440	05/21/98	SLC	71-43-2	
Toluene	ND	ug/kg	440	05/21/98	SLC	108-88-3	
Ethylbenzene	3600	ug/kg	440	05/21/98	SLC	100-41-4	
Xylene (Total)	ND	ug/kg	1100	05/21/98	SLC	1330-20-7	
Methyl-tert-butyl Ether	ND	ug/kg	2300	05/21/98	SLC	1634-04-4	
a,a,a-Trifluorotoluene (S)	87	%		05/21/98	SLC	2164-17-2	
4-Bromofluorobenzene (S)	97	%		05/21/98	SLC	460-00-4	
GC -- Semi-VOA							
Total Extractable Hydrocarbons		Method: OA2			Prep Method: OA2		
Mineral Spirits	ND	mg/kg	10	05/22/98	CCP		
Jet Fuel	ND	mg/kg	10	05/22/98	CCP		
Kerosene	ND	mg/kg	10	05/22/98	CCP		
Diesel Fuel	ND	mg/kg	10	05/22/98	CCP	11-84-7...	
Fuel Oil	ND	mg/kg	10	05/22/98	CCP		
Motor Oil	ND	mg/kg	10	05/22/98	CCP		
n-Tetracosane (S)	63	%		05/22/98	CCP	646-31-1	
p-Terphenyl (S)	56	%		05/22/98	CCP	92-94-4	
Date Extracted				05/21/98			

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Pace Project Number: 6021805
Client Project ID: 96120-605 OLD HUDSON LEAKING

Pace Sample No: 601885957 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: MW-13 Date Received: 05/20/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC -- Volatiles							
TPH Gas/BTEX		Method: EPA 8020/OA1			Prep Method: THP Gas/BTEX		
Gasoline Range Hydrocarbons	7.9	mg/kg	5	05/21/98	MJW		
Benzene	160	ug/kg	50	05/21/98	MJW	71-43-2	
Toluene	100	ug/kg	50	05/21/98	MJW	108-88-3	
Ethylbenzene	130	ug/kg	50	05/21/98	MJW	100-41-4	
Xylene (Total)	220	ug/kg	130	05/21/98	MJW	1330-20-7	
Methyl-tert-butyl Ether	ND	ug/kg	260	05/21/98	MJW	1634-04-4	
a,a,a-Trifluorotoluene (S)	113	%		05/21/98	MJW	2164-17-2	
4-Bromofluorobenzene (S)	93	%		05/21/98	MJW	460-00-4	
GC -- Semi-VOA							
Total Extractable Hydrocarbons		Method: OA2			Prep Method: OA2		
Mineral Spirits	ND	mg/kg	9.9	05/22/98	CCP		
Jet Fuel	ND	mg/kg	9.9	05/22/98	CCP		
Kerosene	ND	mg/kg	9.9	05/22/98	CCP		
Diesel Fuel	ND	mg/kg	9.9	05/22/98	CCP	11-84-7...	
Fuel Oil	ND	mg/kg	9.9	05/22/98	CCP		
Motor Oil	ND	mg/kg	9.9	05/22/98	CCP		
n-Tetracosane (S)	71	%		05/22/98	CCP	646-31-1	
p-Terphenyl (S)	62	%		05/22/98	CCP	92-94-4	
Date Extracted				05/21/98			

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Pace Analytical

Pace Project Number: 6021805
Client Project ID: 96120-605 OLD HUDSON LEAKING

Pace Sample No: 601885965 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: SW-E4 Date Received: 05/20/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC -- Volatiles							
TPH Gas/BTEX		Method: EPA 8020/OA1			Prep Method: THP Gas/BTEX		
Gasoline Range Hydrocarbons	8.5	mg/kg	5	05/21/98	SLC		
Benzene	ND	ug/kg	50	05/21/98	SLC	71-43-2	
Toluene	ND	ug/kg	50	05/21/98	SLC	108-88-3	
Ethylbenzene	ND	ug/kg	50	05/21/98	SLC	100-41-4	
Xylene (Total)	ND	ug/kg	130	05/21/98	SLC	1330-20-7	
Methyl-tert-butyl Ether	ND	ug/kg	260	05/21/98	SLC	1634-04-4	
a,a,a-Trifluorotoluene (S)	113	%		05/21/98	SLC	2164-17-2	
4-Bromofluorobenzene (S)	91	%		05/21/98	SLC	460-00-4	
GC -- Semi-VOA							
Total Extractable Hydrocarbons		Method: OA2			Prep Method: OA2		
Mineral Spirits	ND	mg/kg	10	05/22/98	CCP		
Jet Fuel	ND	mg/kg	10	05/22/98	CCP		
Kerosene	ND	mg/kg	10	05/22/98	CCP		
Diesel Fuel	ND	mg/kg	10	05/22/98	CCP	11-84-7...	
Fuel Oil	ND	mg/kg	10	05/22/98	CCP		
Motor Oil	ND	mg/kg	10	05/22/98	CCP		
n-Tetracosane (S)	82	%		05/22/98	CCP	646-31-1	
p-Terphenyl (S)	71	%		05/22/98	CCP	92-94-4	
Date Extracted				05/21/98			

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Pace Project Number: 6021805
Client Project ID: 96120-605 OLD HUDSON LEAKING

Pace Sample No: 601885973 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: EB-5 Date Received: 05/20/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC -- Volatiles							
TPH Gas/BTEX		Method: EPA 8020/OA1			Prep Method: THP Gas/BTEX		
Gasoline Range Hydrocarbons	91	mg/kg	9.7	05/21/98	SLC		
Benzene	ND	ug/kg	97	05/21/98	SLC	71-43-2	
Toluene	ND	ug/kg	97	05/21/98	SLC	108-88-3	
Ethylbenzene	640	ug/kg	97	05/21/98	SLC	100-41-4	
Xylene (Total)	ND	ug/kg	250	05/21/98	SLC	1330-20-7	
Methyl-tert-butyl Ether	ND	ug/kg	500	05/21/98	SLC	1634-04-4	
a,a,a-Trifluorotoluene (S)	108	%		05/21/98	SLC	2164-17-2	
4-Bromofluorobenzene (S)	106	%		05/21/98	SLC	460-00-4	
GC -- Semi-VOA							
Total Extractable Hydrocarbons		Method: OA2			Prep Method: OA2		
Mineral Spirits	ND	mg/kg	10	05/22/98	CCP		
Jet Fuel	ND	mg/kg	10	05/22/98	CCP		
Kerosene	ND	mg/kg	10	05/22/98	CCP		
Diesel Fuel	ND	mg/kg	10	05/22/98	CCP	11-84-7...	
Fuel Oil	ND	mg/kg	10	05/22/98	CCP		
Motor Oil	ND	mg/kg	10	05/22/98	CCP		
n-Tetracosane (S)	61	%		05/22/98	CCP	646-31-1	
p-Terphenyl (S)	55	%		05/22/98	CCP	92-94-4	
Date Extracted				05/21/98			

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Pace Project Number: 6021805
Client Project ID: 96120-605 OLD HUDSON LEAKING

Pace Sample No: 601885981 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: NW-E4 Date Received: 05/20/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC -- Volatiles							
TPH Gas/BTEX		Method: EPA 8020/OA1			Prep Method: THP Gas/BTEX		
Gasoline Range Hydrocarbons	17	mg/kg	5	05/22/98	MJW		
Benzene	ND	ug/kg	50	05/22/98	MJW	71-43-2	
Toluene	ND	ug/kg	50	05/22/98	MJW	108-88-3	
Ethylbenzene	100	ug/kg	50	05/22/98	MJW	100-41-4	
Xylene (Total)	ND	ug/kg	130	05/22/98	MJW	1330-20-7	
Methyl-tert-butyl Ether	ND	ug/kg	260	05/22/98	MJW	1634-04-4	
a,a,a-Trifluorotoluene (S)	99	%		05/22/98	MJW	2164-17-2	
4-Bromofluorobenzene (S)	96	%		05/22/98	MJW	460-00-4	
GC -- Semi-VOA							
Total Extractable Hydrocarbons		Method: OA2			Prep Method: OA2		
Mineral Spirits	ND	mg/kg	10	05/21/98	CCP		
Jet Fuel	ND	mg/kg	10	05/21/98	CCP		
Kerosene	ND	mg/kg	10	05/21/98	CCP		
Diesel Fuel	ND	mg/kg	10	05/21/98	CCP	11-84-7...	
Fuel Oil	ND	mg/kg	10	05/21/98	CCP		
Motor Oil	ND	mg/kg	10	05/21/98	CCP		
n-Tetracosane (S)	62	%		05/21/98	CCP	646-31-1	
p-Terphenyl (S)	56	%		05/21/98	CCP	92-94-4	
Date Extracted				05/21/98			

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Pace Project Number: 6021805
Client Project ID: 96120-605 OLD HUDSON LEAKING

Pace Sample No: 601885999 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: NW-W7 Date Received: 05/20/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC -- Volatiles							
TPH Gas/BTEX		Method: EPA 8020/OA1			Prep Method: THP Gas/BTEX		
Gasoline Range Hydrocarbons	100	mg/kg	12	05/21/98	SLC		
Benzene	ND	ug/kg	120	05/21/98	SLC	71-43-2	
Toluene	ND	ug/kg	120	05/21/98	SLC	108-88-3	
Ethylbenzene	490	ug/kg	120	05/21/98	SLC	100-41-4	
Xylene (Total)	610	ug/kg	310	05/21/98	SLC	1330-20-7	
Methyl-tert-butyl Ether	ND	ug/kg	620	05/21/98	SLC	1634-04-4	
a,a,a-Trifluorotoluene (S)	112	%		05/21/98	SLC	2164-17-2	
4-Bromofluorobenzene (S)	101	%		05/21/98	SLC	460-00-4	
GC -- Semi-VOA							
Total Extractable Hydrocarbons		Method: OA2			Prep Method: OA2		
Mineral Spirits	ND	mg/kg	9.9	05/21/98	CCP		
Jet Fuel	ND	mg/kg	9.9	05/21/98	CCP		
Kerosene	ND	mg/kg	9.9	05/21/98	CCP		
Diesel Fuel	ND	mg/kg	9.9	05/21/98	CCP	11-84-7...	
Fuel Oil	ND	mg/kg	9.9	05/21/98	CCP		
Motor Oil	ND	mg/kg	9.9	05/21/98	CCP		
n-Tetracosane (S)	83	%		05/21/98	CCP	646-31-1	
p-Terphenyl (S)	71	%		05/21/98	CCP	92-94-4	
Date Extracted				05/21/98			

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Tel: 913-599-5665
Fax 913-599-1759

Pace Analytical

DATE: 05/22/98

Pace Project Number: 6021805
Client Project ID: 96120-605 OLD HUDSON LEAKING

Pace Sample No: 601886047 Date Collected: 05/18/98 Matrix: Soil
Client Sample ID: EW-4 Date Received: 05/20/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC -- Volatiles							
TPH Gas/BTEX		Method: EPA 8020/OA1			Prep Method: THP Gas/BTEX		
Gasoline Range Hydrocarbons	ND	mg/kg	5	05/21/98	SLC		
Benzene	ND	ug/kg	50	05/21/98	SLC	71-43-2	
Toluene	ND	ug/kg	50	05/21/98	SLC	108-88-3	
Ethylbenzene	ND	ug/kg	50	05/21/98	SLC	100-41-4	
Xylene (Total)	ND	ug/kg	130	05/21/98	SLC	1330-20-7	
Methyl-tert-butyl Ether	ND	ug/kg	260	05/21/98	SLC	1634-04-4	
a,a,a-Trifluorotoluene (S)	115	%		05/21/98	SLC	2164-17-2	
4-Bromofluorobenzene (S)	93	%		05/21/98	SLC	460-00-4	
GC -- Semi-VOA							
Total Extractable Hydrocarbons		Method: OA2			Prep Method: OA2		
Mineral Spirits	ND	mg/kg	10	05/22/98	CCP		
Jet Fuel	ND	mg/kg	10	05/22/98	CCP		
Kerosene	ND	mg/kg	10	05/22/98	CCP		
Diesel Fuel	ND	mg/kg	10	05/22/98	CCP	11-84-7...	
Fuel Oil	ND	mg/kg	10	05/22/98	CCP		
Motor Oil	ND	mg/kg	10	05/22/98	CCP		
n-Tetracosane (S)	64	%		05/22/98	CCP	646-31-1	
p-Terphenyl (S)	57	%		05/22/98	CCP	92-94-4	
Date Extracted				05/21/98			

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Pace Analytical

Pace Project Number: 6021805
Client Project ID: 96120-605 OLD HUDSON LEAKING

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate

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QUALITY CONTROL DATA

Laidlaw Environmental Services
5665 FLATIRON PKWY
BOULDER, CO 80301-2800

Pace Project Number: 6021805
Client Project ID: 96120-605 OLD HUDSON LEAKING

Attn: Mr. BRUCE ZUCCARO
Phone: (303)938-5500

QC Batch ID: 45862
QC Batch Method: THP Gas/BTEX
Analysis Method: EPA 8020/OA1
Analysis Description: TPH Gas/BTEX
Associated Pace Samples: 601885940 601885957 601885965 601885973 601885981 601885999 601886047

METHOD BLANK: 601886526
Associated Pace Samples:
601885940 601885957 601885965 601885973 601885981 601885999 601886047

Parameter	Units	Method Blank Result	PRL	Footnotes
Gasoline Range Hydrocarbons	mg/kg	1.7	0.01	
Benzene	ug/kg	ND	100	
Toluene	ug/kg	ND	100	
Ethylbenzene	ug/kg	ND	100	
Xylene (Total)	ug/kg	ND	200	
Methyl-tert-butyl Ether	ug/kg	ND	520	
a,a,a-Trifluorotoluene (S)	%	113		
4-Bromofluorobenzene (S)	%	96		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 601887979 601887987

Parameter	Units	601885825	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Gasoline Range Hydrocarbons	mg/kg	1.332	49.93	46.84	91.2	45.68	88.6	3	
Benzene	ug/kg	0	499.3	565.9	113	514.9	103	10	
Toluene	ug/kg	0	499.3	515.2	103	518.3	104	0	
Ethylbenzene	ug/kg	0	499.3	589.4	118	562.9	112	5	
Xylene (Total)	ug/kg	5.679	1498	1766	118	1688	112	5	
a,a,a-Trifluorotoluene (S)					115		115		
4-Bromofluorobenzene (S)					91		93		

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QUALITY CONTROL DATA

Pace Project Number: 6021805
Client Project ID: 96120-605 OLD HUDSON LEAKING

LABORATORY CONTROL SAMPLE: 601885932

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Gasoline Range Hydrocarbons	mg/kg	50	51.93	104	
Benzene	ug/kg	500	563.6	113	
Toluene	ug/kg	500	548.8	110	
Ethylbenzene	ug/kg	500	595.8	119	
Xylene (Total)	ug/kg	1500	1771	118	
a,a,a-Trifluorotoluene (S)				101	
4-Bromofluorobenzene (S)				97	

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QUALITY CONTROL DATA

Laidlaw Environmental Services
5665 FLATIRON PKWY
BOULDER, CO 80301-2800

Pace Project Number: 6021805
Client Project ID: 96120-605 OLD HUDSON LEAKING

Attn: Mr. BRUCE ZUCCARO
Phone: (303)938-5500

QC Batch ID: 45875
QC Batch Method: OA2
Analysis Method: OA2
Analysis Description: Total Extractable Hydrocarbons
Associated Pace Samples: 601885940 601885957 601885965 601885973 601885981 601885999 601886047

METHOD BLANK: 601886393
Associated Pace Samples:
601885940 601885957 601885965 601885973 601885981 601885999 601886047

Parameter	Units	Method Blank Result	PRL	Footnotes
Mineral Spirits	mg/kg	ND	10	
Jet Fuel	mg/kg	ND	10	
Kerosene	mg/kg	ND	10	
Diesel Fuel	mg/kg	ND	10	
Fuel Oil	mg/kg	ND	10	
Motor Oil	mg/kg	ND	10	
n-Tetracosane (S)	%	59		
p-Terphenyl (S)	%	50		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 601886401 601886419

Parameter	Units	601886047	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Diesel Fuel	mg/kg	0	500	399.2	79.8	445.3	89.1	11	
n-Tetracosane (S)					59		66		
p-Terphenyl (S)					50		58		

LABORATORY CONTROL SAMPLE: 601886427

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Diesel Fuel	mg/kg	500	434.8	87.0	

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QUALITY CONTROL DATA

Pace Project Number: 6021805
Client Project ID: 96120-605 OLD HUDSON LEAKING

LABORATORY CONTROL SAMPLE: 601886427

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
n-Tetracosane (S)				67	
p-Terphenyl (S)				57	

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Pace Project Number: 6021805
Client Project ID: 96120-605 OLD HUDSON LEAKING

QUALITY CONTROL DATA PARAMETER FOOTNOTES

Consistent with EPA guidelines unrounded concentrations are displayed and have been used to calculate % Rec and RPD values.

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
RPD	Relative Percent Difference
(S)	Surrogate

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Pace Rush Project #: 6021805
Pace Normal Project #: 6021808

ENVIROKLEAN

CC EnviroKlean, Inc. 25 East Chouteau Blvd. Kansas City KS 66115

1 NAME OF LABORATORY: Pace Analytical Laboratories
ADDRESS OF LABORATORY:
CLIENT NAME: Ziedlow Environmental Services
ADDRESS: 5665 Flatiron Parkway Boulder, Co
NAME OF PERSON TO CONTACT: Bruce Zuccaro
CONTACT PERSON'S PHONE: (303) 938-5555

2 PROJECT NO.: 96120-605 | P.O.# | PROJECT NAME: Old Hudson Locking Unit

3 4

SAMPLE DESCRIPTION:	Pace Sample #	DATE	TIME	MATRIX	TPH-GRO & DRO	TPH-GRO & DRO	MTBE	BTEX				NUMBER OF CONTAINERS	PRESERVATIONS
SW-W13	601885940	5-20-98	9:16	Soil	1	1	→	→				2	
WW-13	601885957	5-20	9:27	Soil	1	1	→	→				2	
SW-E4	601885965	5-20	9:32	Soil	1	1	→	→				2	
EB-5	601885973	5-20	10:00	Soil	1	1	→	→				2	
NW-E4	601885981	5-20	10:10	Soil	1	1	→	→				2	
Pbt DW per mark	601886295 waiting	5-20	10:20	Soil	1	1	→	→				2	
SP	601886278	5-20	10:22	Soil	1	1	→	→				2	
NW-W7	601885999	5-20	11:04	Soil	1	1	→	→				2	
EW-4	601886047	5-18	16:02	Soil	1	1	→	→				2	

5 REMARKS

Turnaround Time
100% rush or normal turn

Detection Limits Special Limits Required Yes No
Please circle one, if Yes, please describe below or include separate sheet detailing requirements.

100% rush
100% rush
100% rush
100% rush
normal turn
normal turn
100% rush
100% rush

6

RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)
Bruce Zuccaro	5-20-98	16:00	Mark Watters	Mark Watters / Bruce Zuccaro	5/20/98	17:45	
METHOD OF SHIPMENT: Personal Delivery			RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)

REVISION DATE 10/93

Pace Analytical

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Fax: 913-599-1759

May 29, 1998

Mr. BRUCE ZUCCARO
Laidlaw Environmental Services
5665 FLATIRON PKWY
BOULDER, CO 80301-2800

RE: Pace Project Number: 6021808
Client Project ID: 96120-605 OLD HUDSON LEAK UST

Dear Mr. ZUCCARO:

Enclosed are the results of analyses for sample(s) received on May 20, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Rebecca Wenner

Rebecca Wenner
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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DATE: 05/29/98
PAGE: 1

Laidlaw Environmental Services
5665 FLATIRON PKWY
BOULDER, CO 80301-2800

Pace Project Number: 6021808
Client Project ID: 96120-605 OLD HUDSON LEAK UST

Attn: Mr. BRUCE ZUCCARO
Phone: (303)938-5500

Solid results are reported on a wet weight basis

Pace Sample No: 601886245 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: DW Date Received: 05/20/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC -- Volatiles							
TPH Gas/BTEX		Method: EPA 8020/OA1			Prep Method: THP Gas/BTEX		
Gasoline Range Hydrocarbons	11	mg/kg	5	05/22/98	SLC		
Benzene	ND	ug/kg	50	05/22/98	SLC	71-43-2	
Toluene	ND	ug/kg	50	05/22/98	SLC	108-88-3	
Ethylbenzene	80	ug/kg	50	05/22/98	SLC	100-41-4	
Xylene (Total)	ND	ug/kg	130	05/22/98	SLC	1330-20-7	
Methyl-tert-butyl Ether	ND	ug/kg	260	05/22/98	SLC	1634-04-4	
a,a,a-Trifluorotoluene (S)	106	%		05/22/98	SLC	2164-17-2	
4-Bromofluorobenzene (S)	91	%		05/22/98	SLC	460-00-4	
GC -- Semi-VOA							
Total Extractable Hydrocarbons		Method: OA2			Prep Method: OA2		
Mineral Spirits	ND	mg/kg	9.9	05/21/98	CCP		
Jet Fuel	ND	mg/kg	9.9	05/21/98	CCP		
Kerosene	ND	mg/kg	9.9	05/21/98	CCP		
Diesel Fuel	ND	mg/kg	9.9	05/21/98	CCP	11-84-7...	
Fuel Oil	ND	mg/kg	9.9	05/21/98	CCP		
Motor Oil	ND	mg/kg	9.9	05/21/98	CCP		
n-Tetracosane (S)	77	%		05/21/98	CCP	646-31-1	
p-Terphenyl (S)	68	%		05/21/98	CCP	92-94-4	
Date Extracted				05/21/98			

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Pace Project Number: 6021808
Client Project ID: 96120-605 OLD HUDSON LEAK UST

Pace Sample No: 601886278 Date Collected: 05/20/98 Matrix: Soil
Client Sample ID: SP Date Received: 05/20/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC -- Volatiles							
TPH Gas/BTEX		Method: EPA 8020/OA1			Prep Method: THP Gas/BTEX		
Gasoline Range Hydrocarbons	34	mg/kg	5	05/27/98	MJW		
Benzene	ND	ug/kg	50	05/27/98	MJW	71-43-2	
Toluene	ND	ug/kg	50	05/27/98	MJW	108-88-3	
Ethylbenzene	190	ug/kg	50	05/27/98	MJW	100-41-4	
Xylene (Total)	ND	ug/kg	130	05/27/98	MJW	1330-20-7	
Methyl-tert-butyl Ether	ND	ug/kg	260	05/27/98	MJW	1634-04-4	
a,a,a-Trifluorotoluene (S)	113	%		05/27/98	MJW	2164-17-2	
4-Bromofluorobenzene (S)	109	%		05/27/98	MJW	460-00-4	
GC -- Semi-VOA							
Total Extractable Hydrocarbons		Method: OA2			Prep Method: OA2		
Mineral Spirits	ND	mg/kg	10	05/21/98	CCP		
Jet Fuel	ND	mg/kg	10	05/21/98	CCP		
Kerosene	ND	mg/kg	10	05/21/98	CCP		
Diesel Fuel	ND	mg/kg	10	05/21/98	CCP	11-84-7...	
Fuel Oil	ND	mg/kg	10	05/21/98	CCP		
Motor Oil	ND	mg/kg	10	05/21/98	CCP		
n-Tetracosane (S)	71	%		05/21/98	CCP	646-31-1	
p-Terphenyl (S)	61	%		05/21/98	CCP	92-94-4	
Date Extracted				05/21/98			

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Pace Project Number: 6021808
Client Project ID: 96120-605 OLD HUDSON LEAK UST

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate

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QUALITY CONTROL DATA

Laidlaw Environmental Services
5665 FLATIRON PKWY
BOULDER, CO 80301-2800

Pace Project Number: 6021808
Client Project ID: 96120-605 OLD HUDSON LEAK UST

Attn: Mr. BRUCE ZUCCARO
Phone: (303)938-5500

QC Batch ID: 45862
QC Batch Method: THP Gas/BTEX
Analysis Method: EPA 8020/OA1
Analysis Description: TPH Gas/BTEX
Associated Pace Samples: 601886245

METHOD BLANK: 601886526
Associated Pace Samples:
601886245

Parameter	Units	Method Blank Result	PRL	Footnotes
Gasoline Range Hydrocarbons	mg/kg	1.7	0.01	
Benzene	ug/kg	ND	100	
Toluene	ug/kg	ND	100	
Ethylbenzene	ug/kg	ND	100	
Xylene (Total)	ug/kg	ND	200	
Methyl-tert-butyl Ether	ug/kg	ND	520	
a,a,a-Trifluorotoluene (S)	%	113		
4-Bromofluorobenzene (S)	%	96		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 601887979 601887987

Parameter	Units	601885825	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Gasoline Range Hydrocarbons	mg/kg	1.332	49.93	46.84	91.2	45.68	88.6	3	
Benzene	ug/kg	0	499.3	565.9	113	514.9	103	10	
Toluene	ug/kg	0	499.3	515.2	103	518.3	104	0	
Ethylbenzene	ug/kg	0	499.3	589.4	118	562.9	112	5	
Xylene (Total)	ug/kg	5.679	1498	1766	118	1688	112	5	
a,a,a-Trifluorotoluene (S)					115		115		
4-Bromofluorobenzene (S)					91		93		

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Pace Analytical

QUALITY CONTROL DATA

Pace Project Number: 6021808
Client Project ID: 96120-605 OLD HUDSON LEAK UST

LABORATORY CONTROL SAMPLE: 601885932

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Gasoline Range Hydrocarbons	mg/kg	50	51.93	104	
Benzene	ug/kg	500	563.6	113	
Toluene	ug/kg	500	548.8	110	
Ethylbenzene	ug/kg	500	595.8	119	
Xylene (Total)	ug/kg	1500	1771	118	
a,a,a-Trifluorotoluene (S)				101	
4-Bromofluorobenzene (S)				97	

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QUALITY CONTROL DATA

DATE: 05/29/98

Laidlaw Environmental Services
5665 FLATIRON PKWY
BOULDER, CO 80301-2800

Pace Project Number: 6021808
Client Project ID: 96120-605 OLD HUDSON LEAK UST

Attn: Mr. BRUCE ZUCCARO
Phone: (303)938-5500

QC Batch ID: 45875
QC Batch Method: OA2
Analysis Method: OA2
Analysis Description: Total Extractable Hydrocarbons
Associated Pace Samples: 601886245 601886278

METHOD BLANK: 601886393
Associated Pace Samples:
601886245 601886278

Parameter	Units	Method Blank Result	PRL	Footnotes
Mineral Spirits	mg/kg	ND	10	
Jet Fuel	mg/kg	ND	10	
Kerosene	mg/kg	ND	10	
Diesel Fuel	mg/kg	ND	10	
Fuel Oil	mg/kg	ND	10	
Motor Oil	mg/kg	ND	10	
n-Tetracosane (S)	%	59		
p-Terphenyl (S)	%	50		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 601886401 601886419

Parameter	Units	601886047	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Diesel Fuel	mg/kg	0	500	399.2	79.8	445.3	89.1	11	
n-Tetracosane (S)					59		66		
p-Terphenyl (S)					50		58		

LABORATORY CONTROL SAMPLE: 601886427

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Diesel Fuel	mg/kg	500	434.8	87.0	
n-Tetracosane (S)				67	

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QUALITY CONTROL DATA

Pace Project Number: 6021808
Client Project ID: 96120-605 OLD HUDSON LEAK UST

LABORATORY CONTROL SAMPLE: 601886427

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
p-Terphenyl (S)				57	

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Pace Analytical

QUALITY CONTROL DATA

DATE: 05/29/98

Laidlaw Environmental Services
5665 FLATIRON PKWY
BOULDER, CO 80301-2800

Pace Project Number: 6021808
Client Project ID: 96120-605 OLD HUDSON LEAK UST

Attn: Mr. BRUCE ZUCCARO
Phone: (303)938-5500

QC Batch ID: 45954
Analysis Method: EPA 8020/OA1
Associated Pace Samples: 601886278

QC Batch Method: THP Gas/BTEX
Analysis Description: TPH Gas/BTEX

METHOD BLANK: 601890148
Associated Pace Samples:
601886278

Parameter	Units	Method Blank Result	PRL	Footnotes
Gasoline Range Hydrocarbons	mg/kg	0.60	0.005	
Benzene	ug/kg	ND	50	
Toluene	ug/kg	ND	50	
Ethylbenzene	ug/kg	ND	50	
Xylene (Total)	ug/kg	ND	130	
Methyl-tert-butyl Ether	ug/kg	ND	260	
a,a,a-Trifluorotoluene (S)	%	101		
4-Bromofluorobenzene (S)	%	96		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 601892557 601892565

Parameter	Units	601886914	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Gasoline Range Hydrocarbons	mg/kg	1.040	48.24	49.03	99.5	52.00	104	4	
Benzene	ug/kg	12.05	482.4	509.4	103	510.7	101	2	
Toluene	ug/kg	0	482.4	522.3	108	534.6	109	0	
Ethylbenzene	ug/kg	15.29	482.4	551.8	111	550.8	109	2	
Xylene (Total)	ug/kg	40.33	1447	1682	113	1686	112	2	
a,a,a-Trifluorotoluene (S)					116		116		
4-Bromofluorobenzene (S)					95		99		

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Lenexa, KS 66219
Tel: 913-599-5665
Fax: 913-599-1759

Pace Analytical

QUALITY CONTROL DATA

Pace Project Number: 6021808
Client Project ID: 96120-605 OLD HUDSON LEAK UST

LABORATORY CONTROL SAMPLE: 601890171

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	Footnotes
Gasoline Range Hydrocarbons	mg/kg	50	49.98	100	
Benzene	ug/kg	500	511.2	102	
Toluene	ug/kg	500	520.2	104	
Ethylbenzene	ug/kg	500	542.5	109	
Xylene (Total)	ug/kg	1500	1636	109	
a,a,a-Trifluorotoluene (S)				117	
4-Bromofluorobenzene (S)				92	

REPORT OF LABORATORY ANALYSIS

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9608 Loiret Blvd.
Lenexa, KS 66219
Tel: 913-599-5665
Fax: 913-599-1759

Pace Project Number: 6021808
Client Project ID: 96120-605 OLD HUDSON LEAK UST

QUALITY CONTROL DATA PARAMETER FOOTNOTES

Consistent with EPA guidelines unrounded concentrations are displayed and have been used to calculate % Rec and RPD values.

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
RPD	Relative Percent Difference
(S)	Surrogate

REPORT OF LABORATORY ANALYSIS

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Pace Rush Project #: 6021805
Pace Normal Project #: 6021808

ENVIROKLEAN

CC ENVIROKLEAN, INC. 25 EAST OLDHAM BLVD. - KANSAS CITY KS 66115

1

NAME OF LABORATORY: Pace Analytical Laboratories
ADDRESS OF LABORATORY:
CLIENT NAME: Laidlaw Environmental Services
ADDRESS: 5665 Flatiron Parkway Boulder, Co
NAME OF PERSON TO CONTACT: Bruce Zuccaro
CONTACT PERSON'S PHONE: (303) 938-5555

2

PROJECT NO.:	P.O.#	PROJECT NAME:
96120-605		Old Hudson Locking Unit

3 **4**

SAMPLE DESCRIPTION:	Pace Sample #	DATE	TIME	MATRIX	TPH-GRO-DAI	TPH-DRO-DAI2	MTBE	BTEX				NUMBER OF CONTAINERS	PRESERVATIONS
SW-W13	601885940	5-20-98	9:16	Soil	1	1	→	→				2	
WW-13	601885957	5-20	9:27	Soil	1	1	→	→				2	
SW-E4	601885965	5-20	9:32	Soil	1	1	→	→				2	
EB-5	601885973	5-20	10:00	Soil	1	1	→	→				2	
NW-E4	601885981	5-20	10:10	Soil	1	1	→	→				2	
~~Dup~~ DW per mark 601886245 written		5-20	10:20	Soil	1	1	→	→				2	
SP	601886278	5-20	10:22	Soil	1	1	→	→				2	
NW-W7	601885999	5-20	11:04	Soil	1	1	→	→				2	
EW-4	601886047	5-18	16:02	Soil	1	1	→	→				2	

5 REMARKS

Turnaround Time
100% rush
normal turn

Detection Limits
Special Limits Required
Yes No
Please circle one. If Yes, please describe below or include separate sheet detailing requirements.

100% rush
100% rush
100% rush
100% rush
normal turn
normal turn
100% rush
100% rush

6

RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)
Bruce Zuccaro	5-20-98	16:00	Mel Watters	Mel Watters / Bruce Zuccaro	5/20/98	17:25	
METHOD OF SHIPMENT: Personal Delivery			RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)

REVISION DATE 10/93

Pace Analytical

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
Tel: 913-599-5665
Fax: 913-599-1759

June 05, 1998

Mr. BRUCE ZUCCARO
Laidlaw Environmental Services
5665 FLATIRON PKWY
BOULDER, CO 80301-2800

RE: Pace Project Number: 6021933
Client Project ID: 96120-605 OLD HUDSON LEAK UST

Dear Mr. ZUCCARO:

Enclosed are the results of analyses for sample(s) received on May 27, 1998. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Rebecca Wenner

Rebecca Wenner
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
Tel: 913-599-5665
Fax: 913-599-1759

DATE: 06/05/98
PAGE: 1

Laidlaw Environmental Services
5665 FLATIRON PKWY
BOULDER, CO 80301-2800

Pace Project Number: 6021933
Client Project ID: 96120-605 OLD HUDSON LEAK UST

Attn: Mr. BRUCE ZUCCARO
Phone: (303)938-5500

Solid results are reported on a wet weight basis

Pace Sample No: 601896509 Date Collected: 05/27/98 Matrix: Soil
Client Sample ID: SW-2W12 Date Received: 05/27/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC -- Volatiles							
TPH Gas/BTEX	Method: EPA 8020/QA1				Prep Method: THP Gas/BTEX		
Gasoline Range Hydrocarbons	51	mg/kg	8.3	06/02/98	SLC		
Benzene	ND	ug/kg	83	06/02/98	SLC	71-43-2	
Toluene	ND	ug/kg	83	06/02/98	SLC	108-88-3	
Ethylbenzene	190	ug/kg	83	06/02/98	SLC	100-41-4	
Xylene (Total)	500	ug/kg	210	06/02/98	SLC	1330-20-7	
Methyl-tert-butyl Ether	ND	ug/kg	430	06/02/98	SLC	1634-04-4	
a,a,a-Trifluorotoluene (S)	118	%		06/02/98	SLC	2164-17-2	
4-Bromofluorobenzene (S)	83	%		06/02/98	SLC	460-00-4	

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Lenexa, KS 66219
Tel: 913-599-5665
Fax 913-599-1759

Pace Analytical

Pace Project Number: 6021933
Client Project ID: 96120-605 OLD HUDSON LEAK UST

Pace Sample No: 601896517 Date Collected: 05/27/98 Matrix: Soil
Client Sample ID: NW2L-5 Date Received: 05/27/98

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
GC -- Volatiles							
TPH Gas/BTEX		Method: EPA 8020/OA1			Prep Method: THP Gas/BTEX		
Gasoline Range Hydrocarbons	ND	mg/kg	5	06/02/98	SLC		
Benzene	ND	ug/kg	50	06/02/98	SLC	71-43-2	
Toluene	ND	ug/kg	50	06/02/98	SLC	108-88-3	
Ethylbenzene	ND	ug/kg	50	06/02/98	SLC	100-41-4	
Xylene (Total)	ND	ug/kg	130	06/02/98	SLC	1330-20-7	
Methyl-tert-butyl Ether	ND	ug/kg	260	06/02/98	SLC	1634-04-4	
a,a,a-Trifluorotoluene (S)	119	%		06/02/98	SLC	2164-17-2	
4-Bromofluorobenzene (S)	85	%		06/02/98	SLC	460-00-4	
GC -- Semi-VOA							
Total Extractable Hydrocarbons		Method: OA2			Prep Method: OA2		
Mineral Spirits	ND	mg/kg	10	06/02/98	EMA		
Jet Fuel	ND	mg/kg	10	06/02/98	EMA		
Kerosene	ND	mg/kg	10	06/02/98	EMA		
Diesel Fuel	300	mg/kg	10	06/02/98	EMA	11-84-7...	
Fuel Oil	ND	mg/kg	10	06/02/98	EMA		
Motor Oil	ND	mg/kg	10	06/02/98	EMA		
n-Tetracosane (S)	97	%		06/02/98	EMA	646-31-1	
p-Terphenyl (S)	88	%		06/02/98	EMA	92-94-4	
Date Extracted				05/29/98			

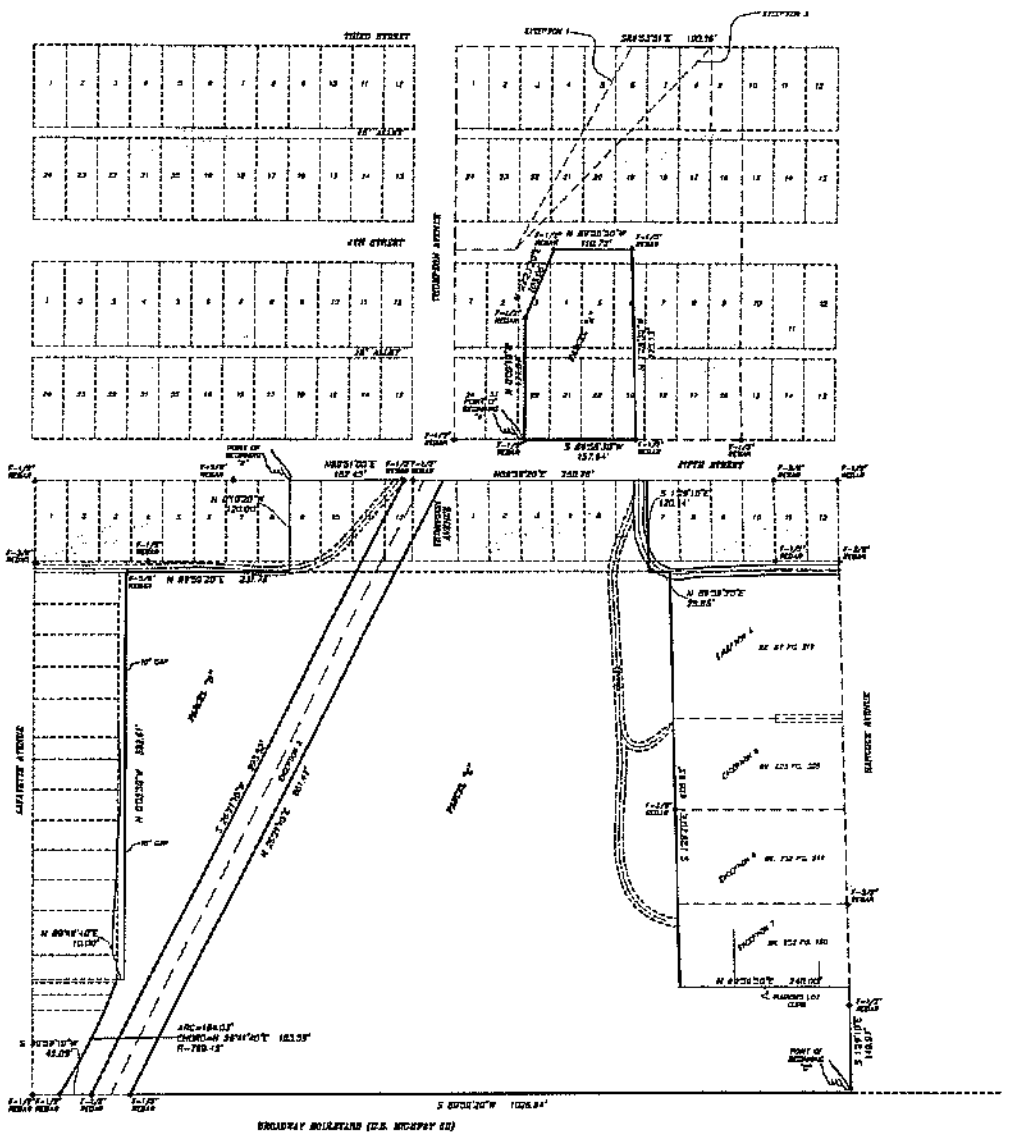
REPORT OF LABORATORY ANALYSIS

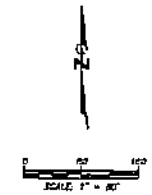
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APPENDIX 5

PROPERTY OWNERSHIP RECORDS

PRELIMINARY





LEGAL DESCRIPTION

PARCEL A:
COMMENCING AT A FOUND ONE HALF INCH REINFORCEMENT BAR AT THE SOUTHWEST CORNER OF LOT 24 OF BLOCK 3 IN MARTIN AND COTTER'S THIRD ADDITION TO THE CITY OF SEDALIA, AS SHOWN ON THE PLAT IN THE OFFICE OF THE RECORDER, PETTIS COUNTY, MISSOURI; THENCE N 89°58'20"E ALONG THE NORTH LINE OF FIFTH STREET, A DISTANCE OF 100 FEET TO A ONE HALF INCH REINFORCEMENT BAR ON THE SOUTH LINE OF LOT 23 IN SAID BLOCK 3 AND A POINT OF BEGINNING; THENCE N 0°00'10"E, A DISTANCE OF 172.67 FEET TO A FOUND ONE HALF INCH REINFORCEMENT BAR; THENCE N 89°58'20"E, A DISTANCE OF 103.00 FEET TO A ONE HALF INCH REINFORCEMENT BAR; THENCE S 89°59'50"E, A DISTANCE OF 910.72 FEET TO A ONE HALF INCH REINFORCEMENT BAR; THENCE S 1°29'08"E, A DISTANCE OF 375.63 FEET TO A POINT ON THE SOUTH LINE OF LOT 19 IN SAID SUBDIVISION AND COMMON TO THE NORTH LINE OF SAID FIFTH STREET; THENCE S 89°58'20"W ALONG SAID NORTH LINE, A DISTANCE OF 1121.84 FEET TO THE POINT OF BEGINNING.

PARCEL B:
BEGINNING AT THE NORTHWEST CORNER OF LOT 8, BLOCK 3, MARTIN & COTTER'S 3RD ADDITION TO THE CITY OF SEDALIA; THENCE N 89°58'20"E ALONG THE SOUTH LINE OF FIFTH STREET, A DISTANCE OF 145.43 FEET TO THE WESTERLY LINE OF THE KATY TRAIL; THENCE S 36°31'07"W ALONG SAID WESTERLY LINE, A DISTANCE OF 355.53 FEET TO THE NORTH RIGHT OF WAY OF US HIGHWAY 50; THENCE S 89°58'20"W ALONG SAID RIGHT OF WAY, A DISTANCE OF 42.00 FEET; THENCE ON A NON TANGENT CURVE CONCAVE NORTHWESTERLY, SAID CURVE HAVING A RADIUS OF 788.45 FEET, A CHORD BEARING OF N 39°41'40"E, A CHORD LENGTH OF 183.59 FEET, AND AN ARC LENGTH OF 184.05 FEET; THENCE N 89°58'20"E, A DISTANCE OF 110.00 FEET; THENCE N 0°00'40"E, A DISTANCE OF 330.81 FEET TO THE SOUTH LINE OF SAID BLOCK 3; THENCE N 89°58'20"E ALONG THE SOUTH LINE OF SAID BLOCK, A DISTANCE OF 231.78 FEET; THENCE N 0°01'20"W, A DISTANCE OF 120.00 FEET TO THE POINT OF BEGINNING.

PARCEL C:
BEGINNING AT THE INTERSECTION OF THE NORTH RIGHT OF WAY OF US HIGHWAY 50, BROADWAY BOULEVARD, AND THE WEST RIGHT OF WAY OF HANCOCK AVENUE AS THEY CURRENTLY EXIST; THENCE S 89°58'20"W ALONG THE NORTH RIGHT OF WAY OF SAID HIGHWAY, A DISTANCE OF 1,009.84 FEET TO THE EASTERLY LINE OF THE KATY TRAIL; THENCE N 36°31'07"E ALONG THE EASTERLY LINE OF SAID KATY TRAIL, A DISTANCE OF 891.44 FEET TO THE SOUTH LINE OF FIFTH STREET; THENCE N 89°58'20"E ALONG SAID SOUTH LINE, A DISTANCE OF 285.95 FEET TO THE NORTHWEST CORNER OF LOT 2, BLOCK 6, MARTIN & COTTER'S 3RD ADDITION TO THE CITY OF SEDALIA; THENCE S 1°29'08"E ALONG THE WEST LINE OF SAID LOT, A DISTANCE OF 120.14 FEET; THENCE N 89°58'20"E, A DISTANCE OF 330.83 FEET; THENCE S 1°29'08"E, A DISTANCE OF 334.83 FEET; THENCE N 89°58'58"E, A DISTANCE OF 240.00 FEET TO THE WEST RIGHT OF WAY OF HANCOCK AVENUE; THENCE S 1°29'08"E ALONG SAID RIGHT OF WAY, A DISTANCE OF 143.00 FEET TO THE POINT OF BEGINNING.

RESOURCE MATERIALS USED:
OFFICE OF THE RECORDER, PETTIS COUNTY, MISSOURI
BOOK 87 PAGE 318
BOOK 623 PAGE 326
BOOK 252 PAGE 298
BOOK 852 PAGE 180

DOCUMENT NUMBERS

AN UNRECORDED SURVEY BY LS 1883, AUG. 31 2001
AN UNRECORDED SURVEY BY LS 1883, AUG. 25 2001
AN UNRECORDED SURVEY BY LS 828, MAR. 01 1983
AN UNRECORDED SURVEY BY LS 828, MAR. 04 1983
AN UNRECORDED SURVEY BY LS 828, SEPT. 10 1984
AN UNRECORDED SURVEY BY LS 828, SEPT. 24 1998
AN UNRECORDED SURVEY BY LS 828, MAR. 03 2000

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SURVEY AND PLAT BY
ENGINEERING SURVEYS & SERVICES

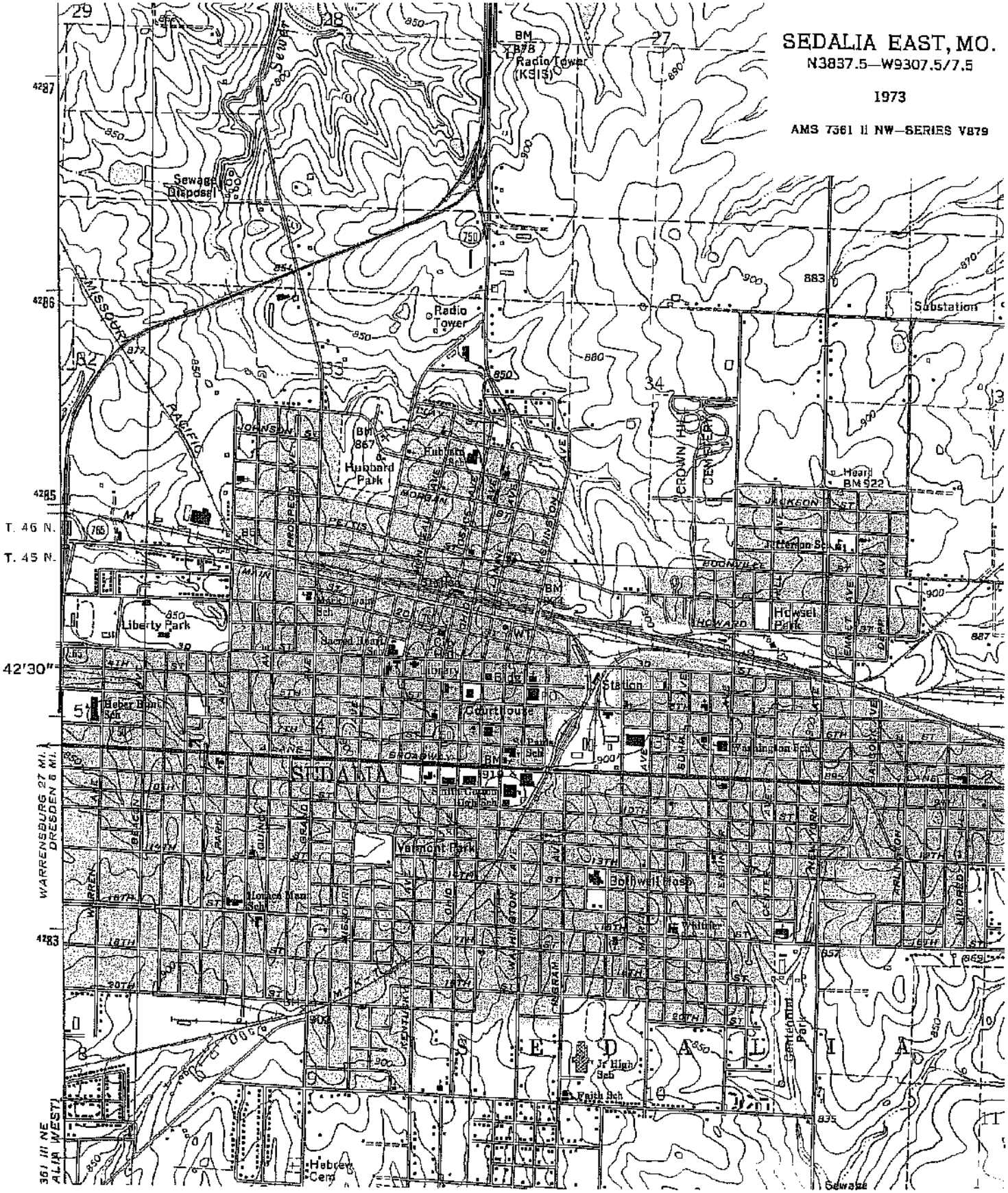
PRELIMINARY

CHRISTOPHER M. MORGAN
PROFESSIONAL LAND SURVEYOR
PLS-2003018240

3110

APPENDIX 6

TOPOGRAPHIC MAPS



SCALE 1:24 000

1 MILE

7000 FEET

1 KILOMETRE

CONTOUR INTERVAL 10 FEET

NATIONAL GEODETIC VERTICAL DATUM OF 1929

MN GN 0°07' 2 MILS 6° 107 MILS

APPENDIX 7

AERIAL PHOTOGRAPHS

Old Sutherlands Lumber
~~300~~ East Broadway
Sedalia, MO 65301

Inquiry Number: 2365968.3
November 18, 2008

The EDR Aerial Photo Decade Package

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

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Date EDR Searched Historical Sources:

Aerial Photography November 18, 2008

Target Property:

300 East Broadway
Sedalia, MO 65301

Year	*Scale*	*Details*	*Source*
1977	Aerial Photograph. Scale: 1"=750'	Panel #: 2438093-F2/Flight Date: April 08, 1977	EDR
1986	Aerial Photograph. Scale: 1"=1000'	Panel #: 2438093-F2/Flight Date: March 29, 1986	EDR
1990	Aerial Photograph. Scale: 1"=750'	Panel #: 2438093-F2/Flight Date: March 02, 1990	EDR
2005	Aerial Photograph. Scale: 1"=484'	Flight Year: 2005	EDR

N
0
1000
2000
FEET

N
0
1
2
3
4
5
Miles

N

N
1 METER

APPENDIX 8

SANBORN® FIRE INSURANCE MAPS

Old Sutherlands Lumber
~~300~~ East Broadway
Sedalia, MO 65301

Inquiry Number: 2365968.2s
November 18, 2008

Certified Sanborn® Map Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

11/18/08

Site Name:
Old Sutherlands Lumber
300 East Broadway
Sedalia, MO 65301

Client Name:
Terranext
13202 West 98th Street
Lenexa, KS 66215

EDR® Environmental Data Resources Inc

EDR Inquiry # 2365968.2s

Contact: Christopher Kinn

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Terranext 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: Old Sutherlands Lumber
Address: 300 East Broadway
City, State, Zip: Sedalia, MO 65301
Cross Street:
P.O. # NA
Project: Old Sutherlands
Certification # FEED-44D4-8FA2

Sanborn® Library search results
Certification # FEED-44D4-8FA2

Maps Identified - Number of maps indicated within "( )"

1963 (2) 1892 (1)
1948 (2) 1888 (1)
1925 (2)
1914 (2)
1908 (1)
1898 (1)

Total Maps: 12

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

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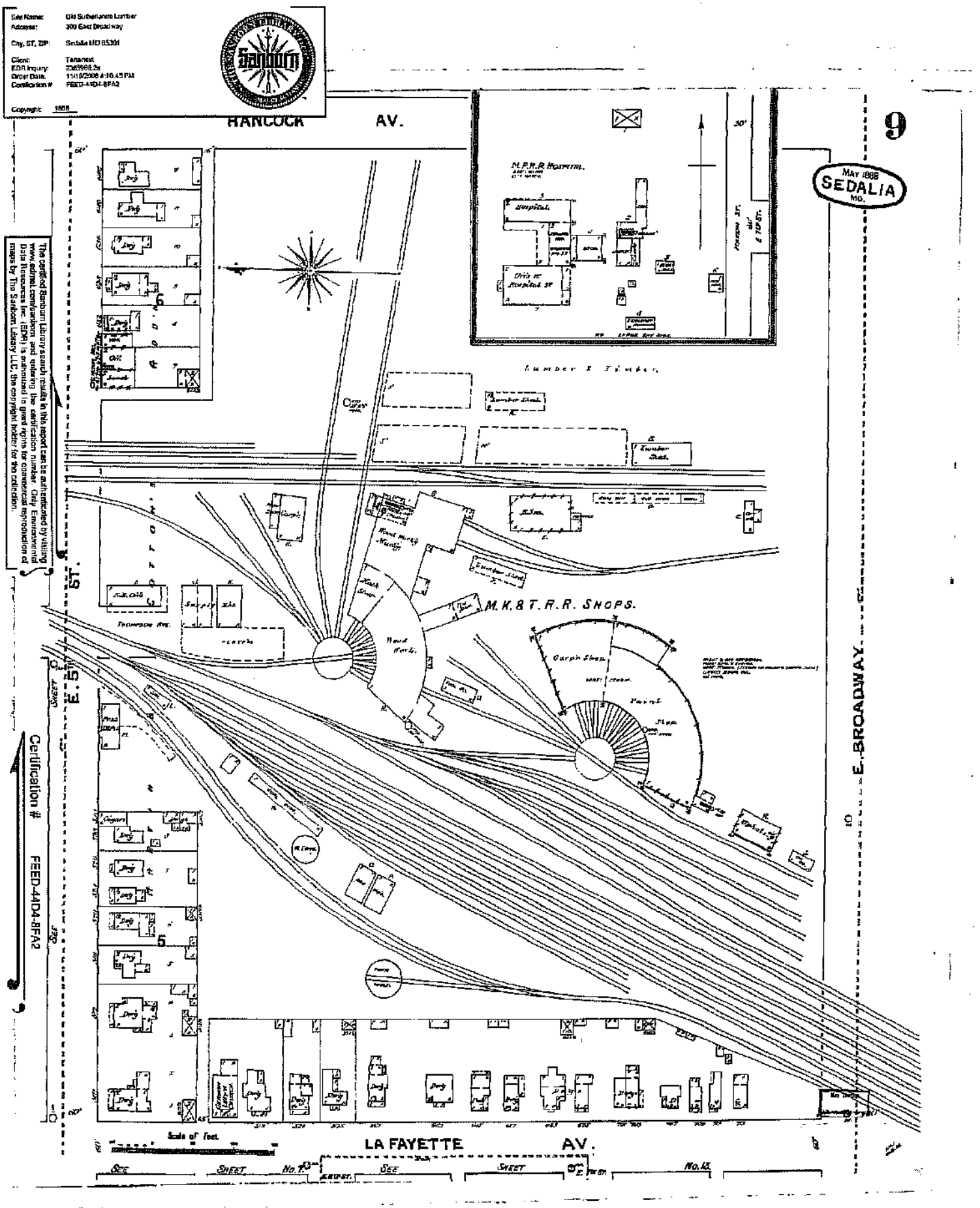
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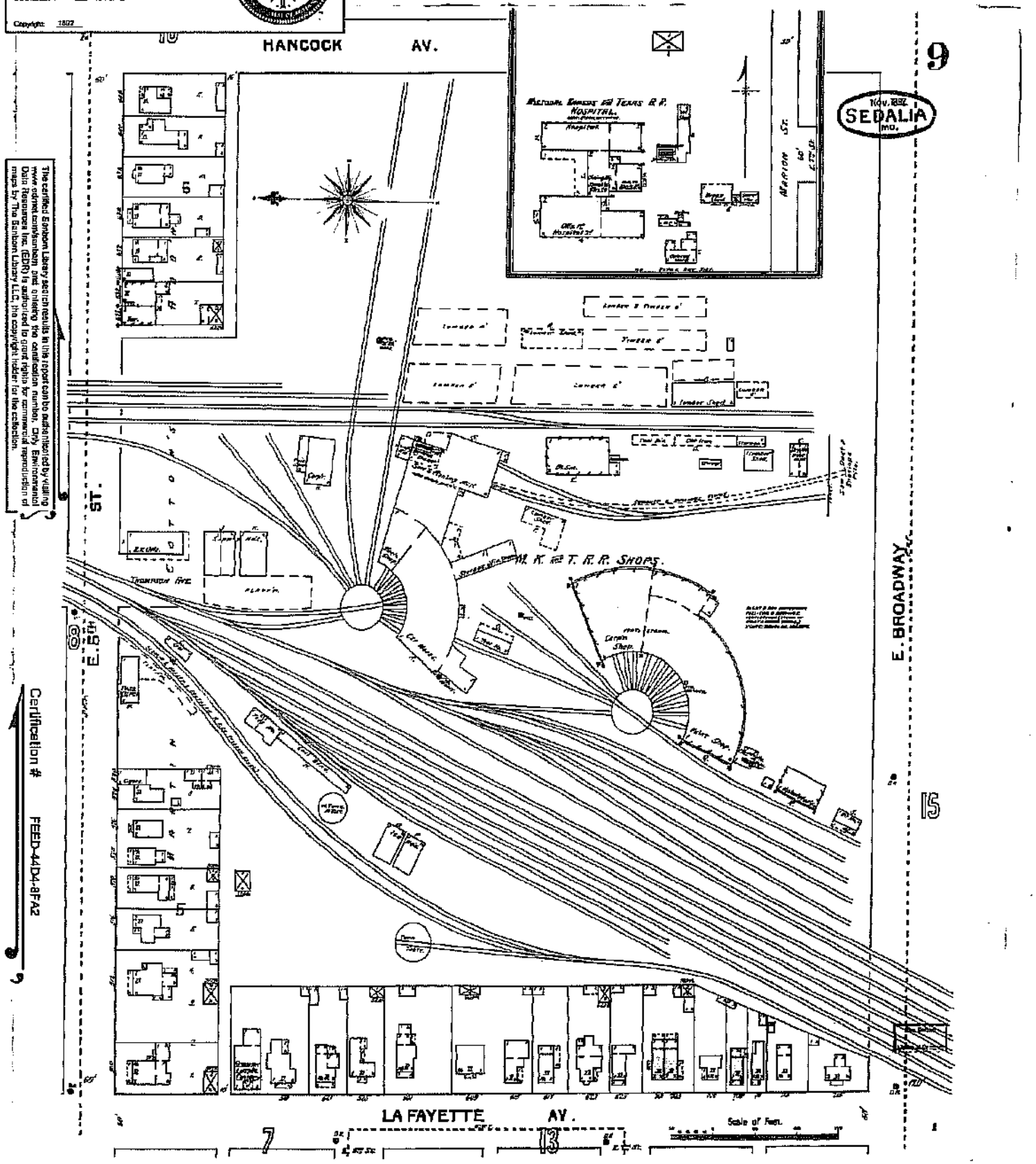
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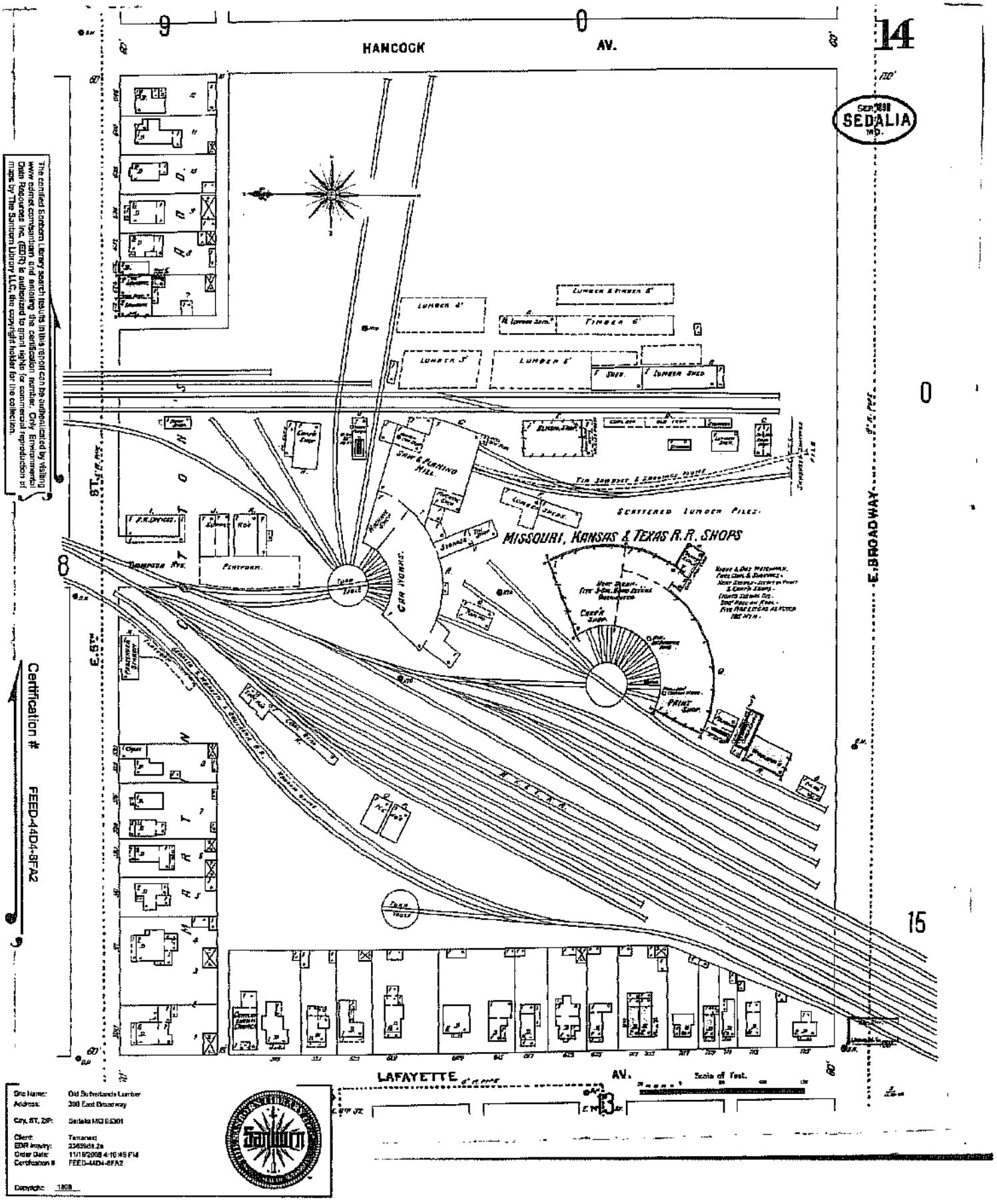
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Address: 308 East Broadway
City, ST, ZIP: Sedalia MO 65301
Client: Terracon
EDR Inquiry: 2385868.2s
Order Date: 11/18/2008 4:10:45 PM
Certification #: FEED-44D4-8FA2

Copyright: 1922



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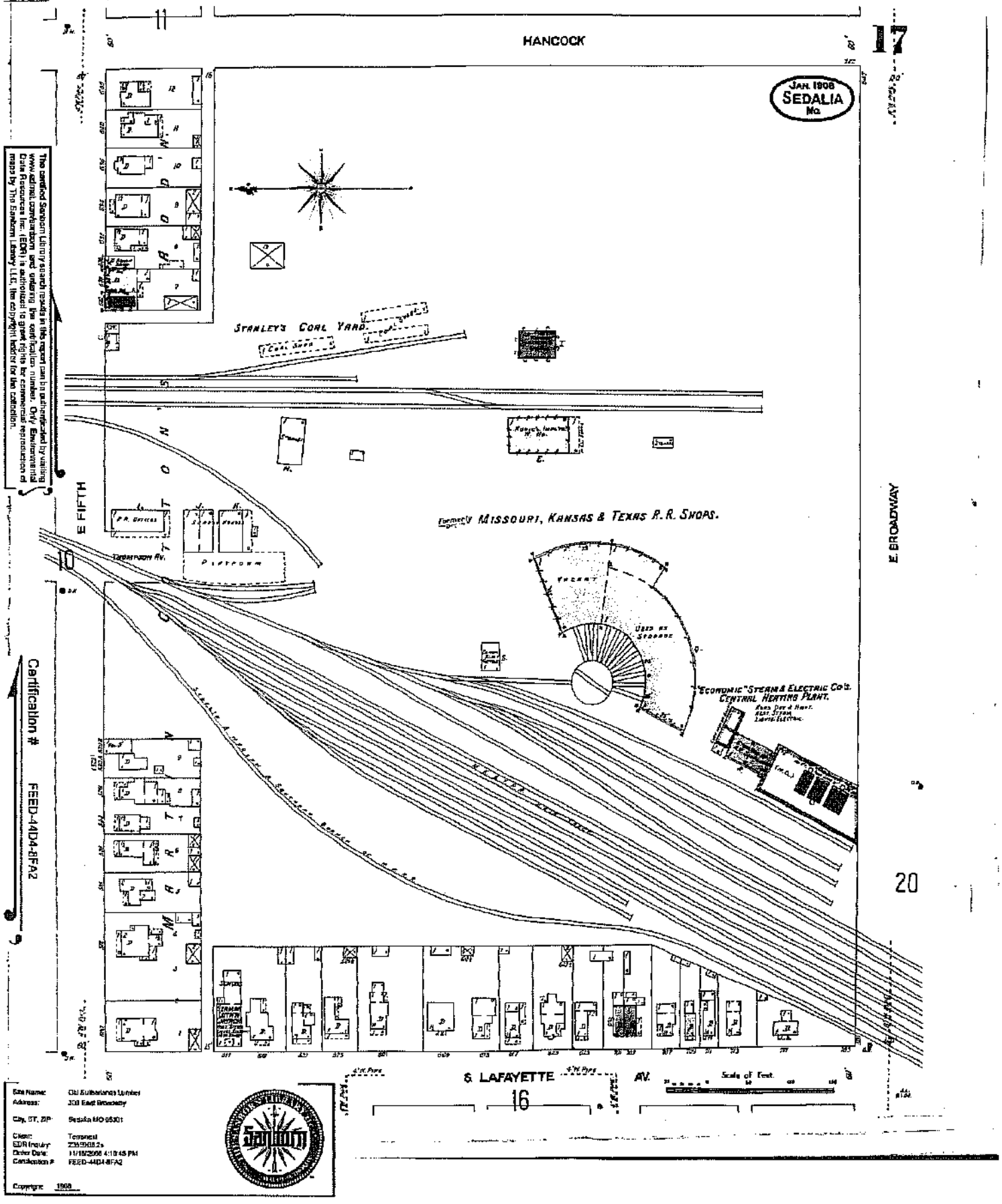


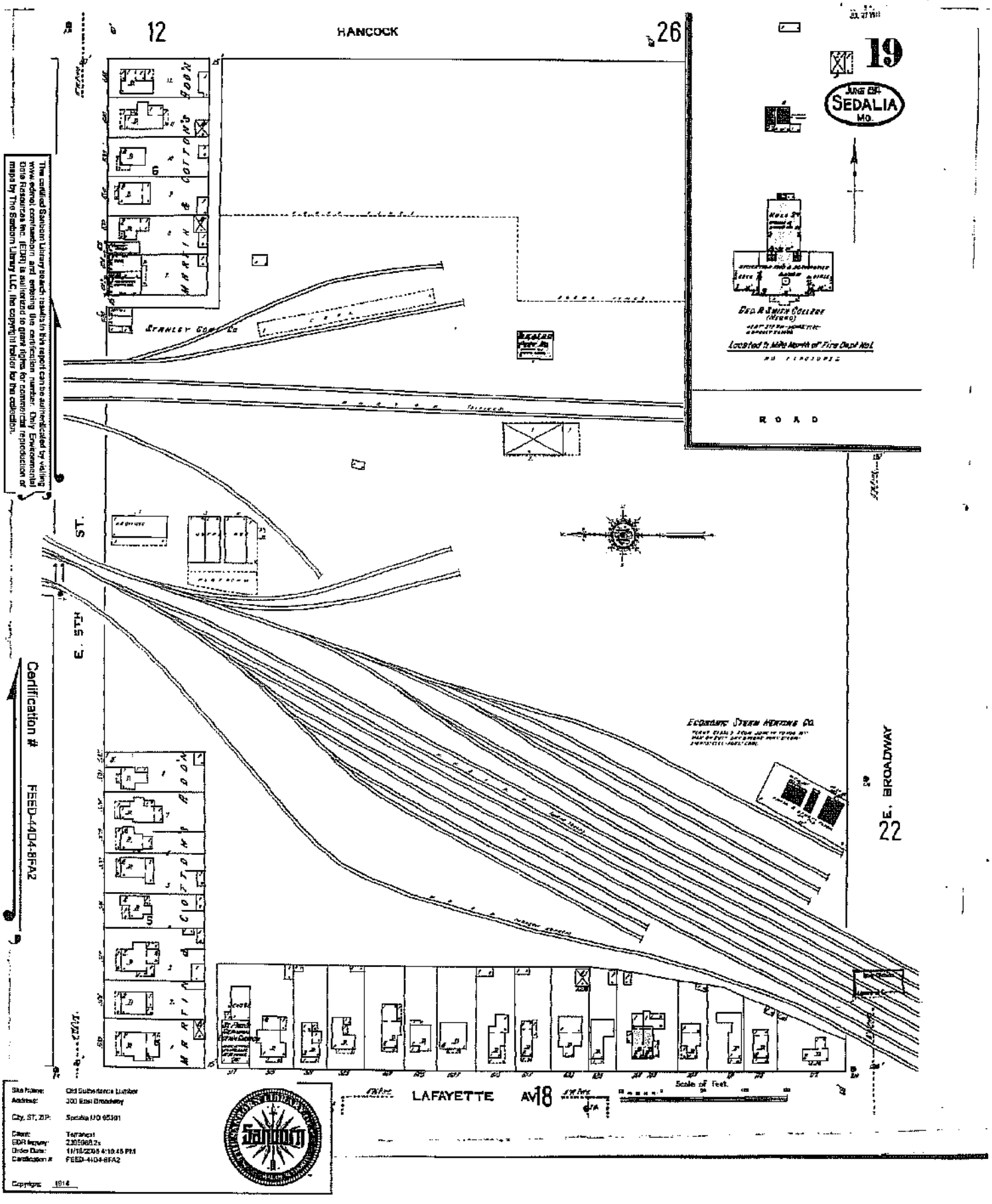
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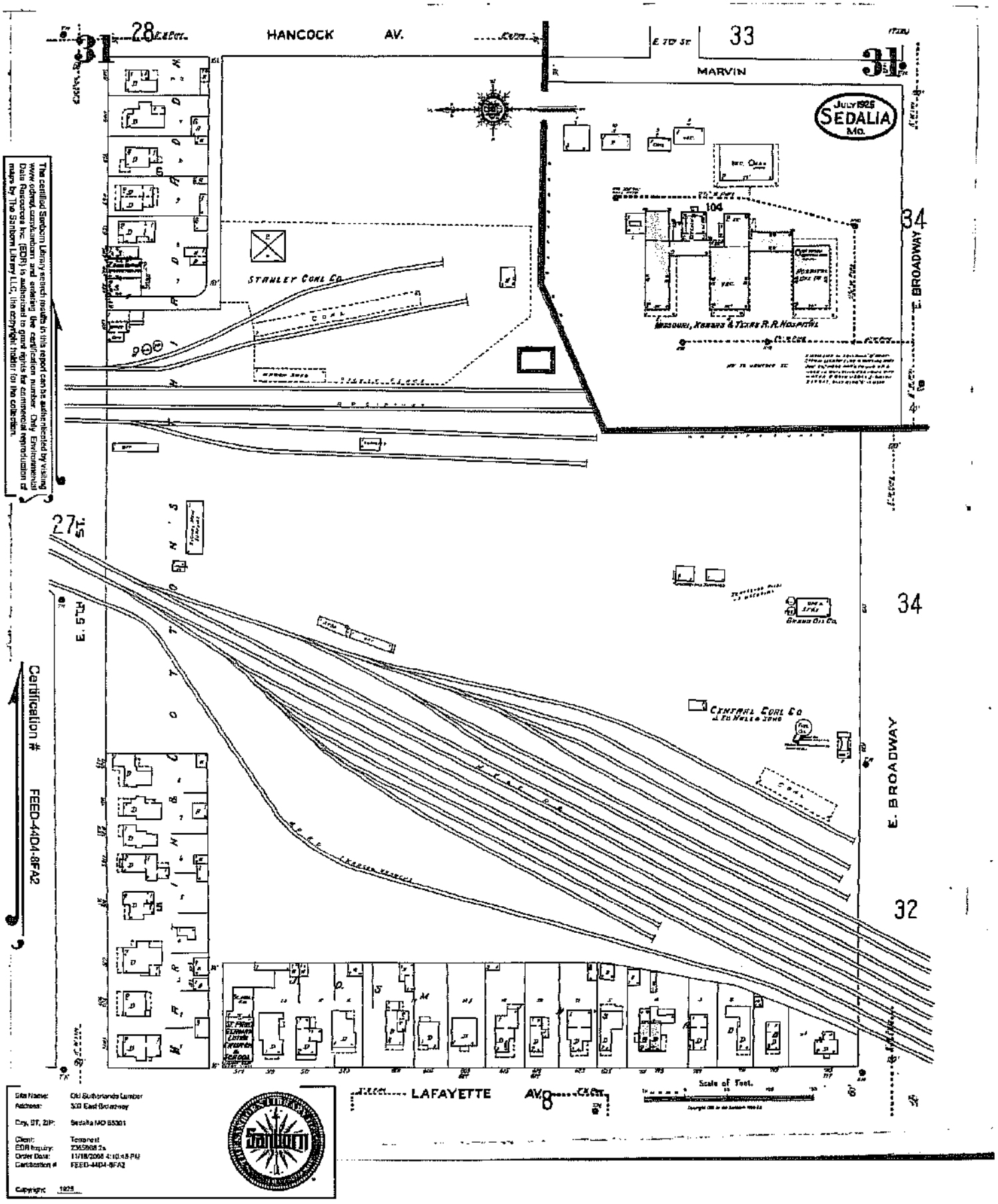
Certification # FEED-44D4-8FA2

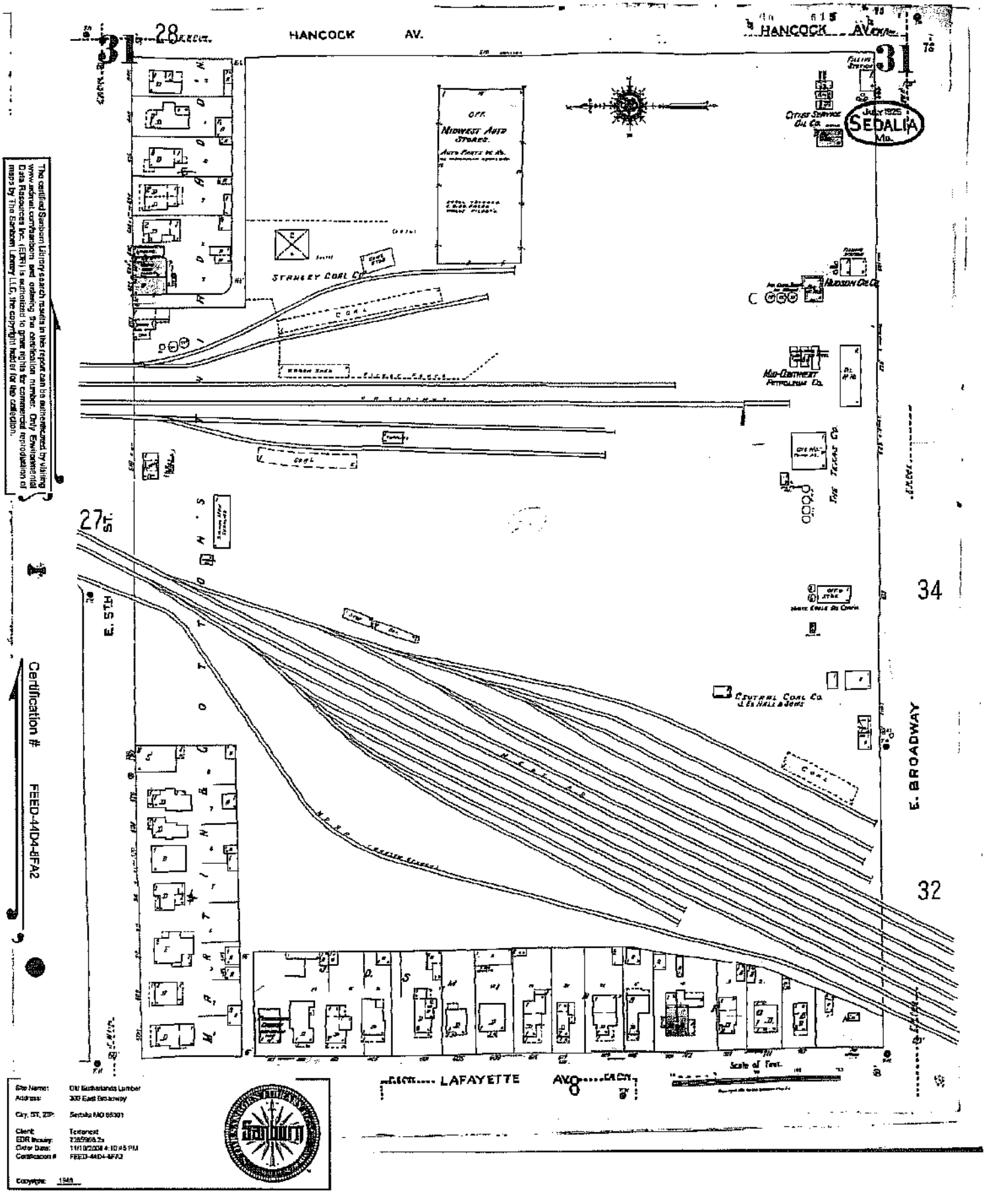
Site Name: Old Substandard Lumber
Address: 300 East Broadway
City, ST, ZIP: Sedalia MO 65301
Client: Tetra tech
EDR Inquiry: 2365968.2s
Order Date: 11/19/2008 4:10:45 PM
Certification #: FEED-44D4-8FA2

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HANCOCK
17
JAN. 1908
SEDALIA
MO.
STANLEY'S COAL YARD.
E FIFTH
E BROADWAY
10
20
16
FORMERLY MISSOURI, KANSAS & TEXAS R.R. SHOPS.
"ECONOMIC" STEAM & ELECTRIC CO'S.
CENTRAL HEATING PLANT.
S. LAFAYETTE AV.
Scale of Feet
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Certification # FEED-44D4-8FA2
Site Name: Old Substance's Lumber
Address: 308 East Broadway
City, ST, ZIP: Sedalia MO 65301
Client: Tenanent
EDR Inquiry: 2355908.2s
Order Date: 11/18/2008 4:10:45 PM
Certification #: FEED-44D4-8FA2
Copyright 1908


12
HANCOCK
26
19
SEDALIA
MO.
ROAD
ST.
E. 5TH
E. BROADWAY
22
LAFAYETTE
AV18
Scale of Feet.
Certification # FEED-4404-8FA2
Site Name: Old Substance Lumber
Address: 300 East Broadway
City, ST, ZIP: Sedalia MO 65301
Client: Terracon
EDR Inquiry: 2395982.2s
Order Date: 11/19/2008 4:10:45 PM
Certification #: FEED-4404-8FA2
Copyright 2014


HANCOCK AV.
28
33
31
MARVIN
E. 7TH ST
JULY 1925
SEDALIA
MO.
104
34
E. BROADWAY
STANLEY COAL CO.
MISSOURI, KANSAS & TEXAS R.R. HOSPITAL
27 ST.
E. 5TH
CENTRAL COAL CO
32
LAFAYETTE AV.
Scale of Feet.
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Certification # FEED-44D4-8FA2
Site Name: Old Sutherlands Lumber
Address: 300 East Broadway
City, ST, ZIP: Sedalia MO 65301
Client: Tenanest
EDR Inquiry: 2365868.2s
Order Date: 11/18/2008 4:10:48 PM
Certification #: FEED-44D4-8FA2
Copyright: 1925

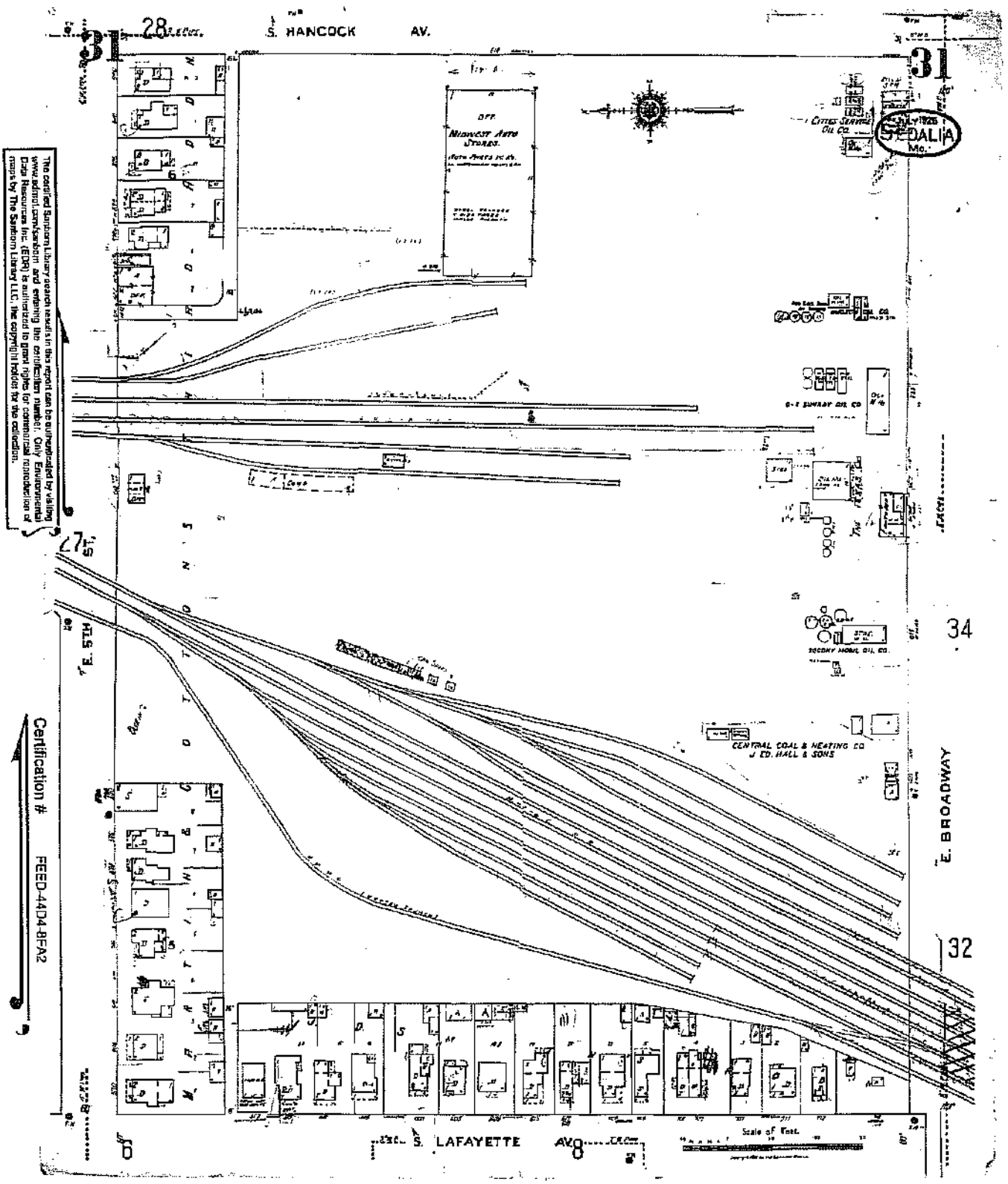


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Certification # FEED-44D4-6FA2

Site Name:	Old Barbarians Lumber
Address:	300 East Broadway
City, ST, ZIP:	Sedalia MO 65301
Client:	Testamerit
EDR Inquiry:	2385968.2s
Order Date:	11/18/2008 4:10:45 PM
Certification #:	FEED-44D4-6FA2

Copyright: 1948



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Certification # FEED-44D4-8FA2

Site Name:	Old Submarine Lumber
Address:	300 East Broadway
City, ST, ZIP:	Sedalia MO 65301
Client:	Terranext
EDR Inquiry:	2365080.2s
Date:	11/18/2008 4:10:45 PM
Certification #:	FEED-44D4-8FA2

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APPENDIX 9

PHOTOGRAPHS

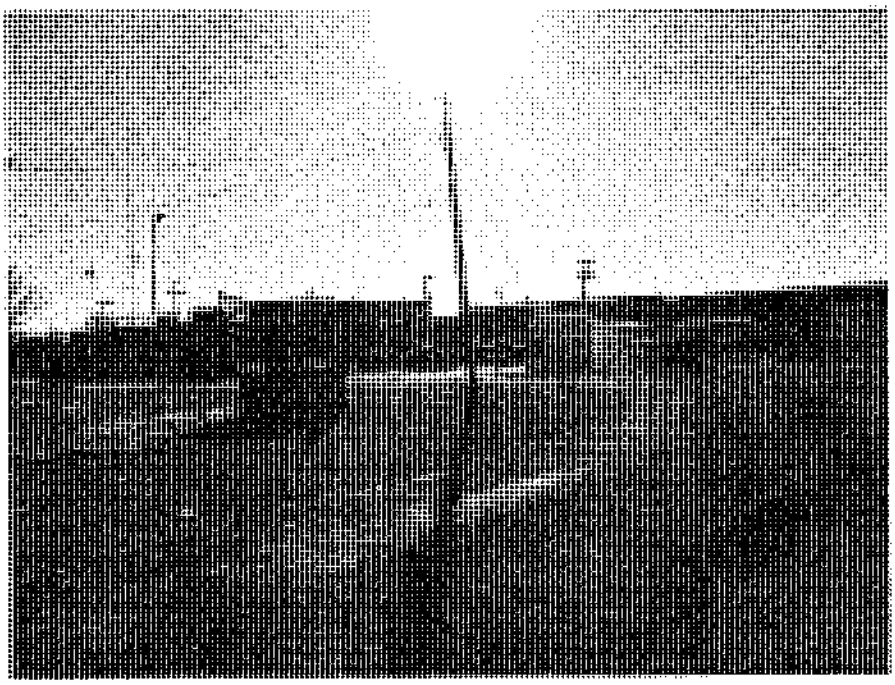
Project No.: 17102589
Project: Old Sutherlands Lumber
Photograph No. 1
Photographer: C. Kinn
Date: 12/02/08
Direction: South
Description: View from 5th Street depicting the central portion of the Subject Property.



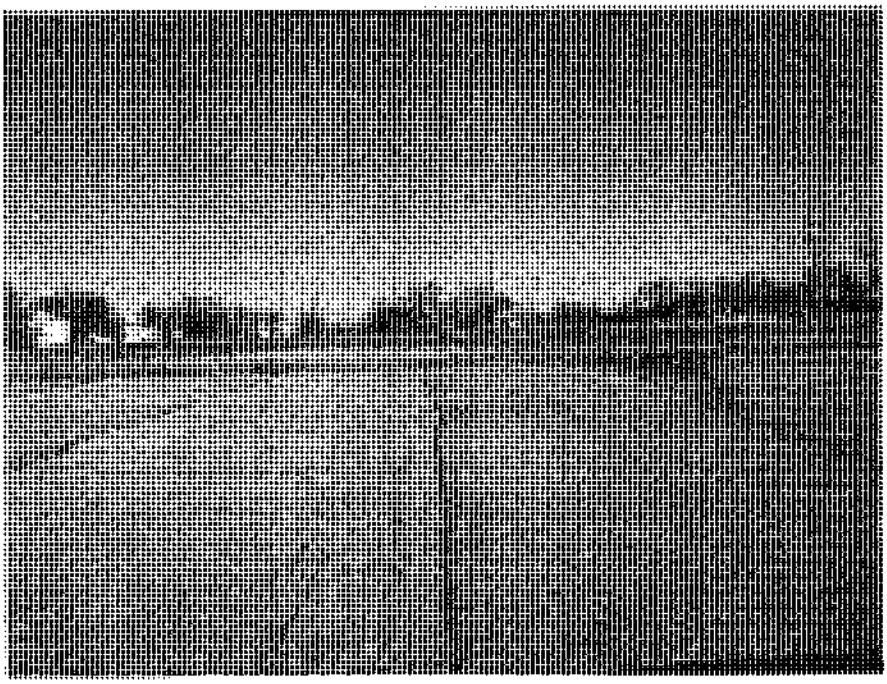
Project No.: 17102589
Project: Old Sutherlands Lumber
Photograph No. 2
Photographer: C. Kinn
Date: 12/02/08
Direction: North
Description: View from 5th Street of the northern portion of the Subject Property and historic depot.



Project No.: 17102589
Project: Old Sutherlands Lumber
Photograph No. 3
Photographer: C. Kinn
Date: 12/02/08
Direction: Southeast
Description: View of commercial properties to the east of the Subject Property.



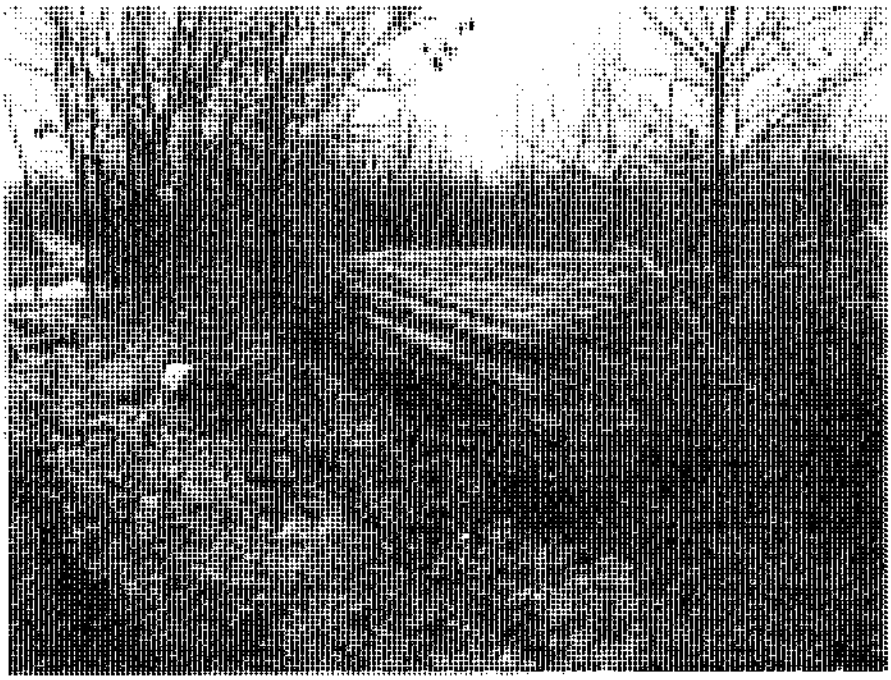
Project No.: 17102589
Project: Old Sutherlands Lumber
Photograph No. 4
Photographer: C. Kinn
Date: 12/02/08
Direction: North
Description: View of the asphalt surface covering in the southern portion of the Subject Property and the location of former Old Sutherlands Lumber structures.



Project No.: 17102589
Project: Old Sutherlands Lumber
Photograph No. 5
Photographer: C. Kinn
Date: 12/02/08
Direction: South
Description: View of asphalt and concrete historic loading area.



Project No.: 17102589
Project: Old Sutherlands Lumber
Photograph No. 6
Photographer: C. Kinn
Date: 12/02/08
Direction: South
Description: View of concrete historic loading ramp.



Project No.: 17102589
Project: Old Sutherlands Lumber
Photograph No. 7
Photographer: C. Kinn
Date: 12/02/08
Direction: South
Description: View of debris pile on the Subject Property. Broadway Boulevard is apparent in the background.



Project No.: 17102589
Project: Old Sutherlands Lumber
Photograph No. 8
Photographer: C. Kinn
Date: 12/02/08
Direction: West
Description: View of former Old Sutherlands Lumber building locations on the Subject Property. Notice abrupt slope to the south towards Broadway Boulevard.



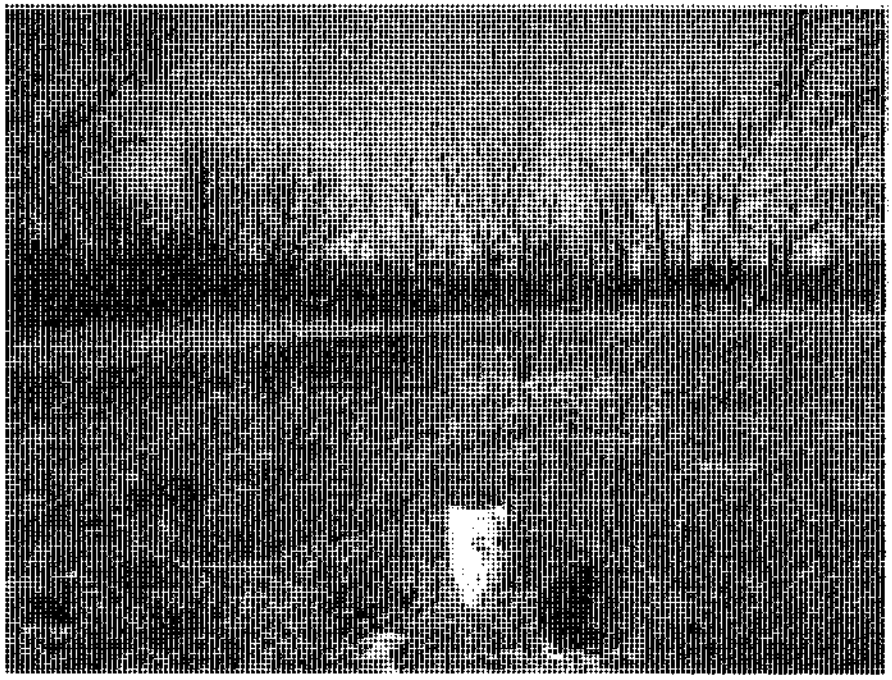
Project No.: 17102589
Project: Old Sutherlands Lumber
Photograph No. 9
Photographer: C. Kinn
Date: 12/02/08
Direction: North
Description: View of historic railroad lines on the Subject Property.



Project No.: 17102589
Project: Old Sutherlands Lumber
Photograph No. 10
Photographer: C. Kinn
Date: 12/02/08
Direction: West
Description: View historic cistern on the Subject Property.



Project No.: 17102589
Project: Old Sutherlands Lumber
Photograph No. 11
Photographer: C. Kinn
Date: 12/02/08
Direction: West
Description: View of existing monitoring well associated with the former Hudson Oil Company site.



Project No.: 17102589
Project: Old Sutherlands Lumber
Photograph No. 12
Photographer: C. Kinn
Date: 12/02/08
Direction: East
Description: View of the southeastern portion of the Subject Property and the location of the former Hudson Oil Company and Cities Services Oil Company.



APPENDIX 10

FIELD NOTES

11/16/08 Call to Rick Harris (VP). He stated tanks were pulled and soil excavated, NFA ltr received.

11/17/08 Call to Keith Rieckers (City of Seaford) he sent tank closure reports, and MDNR Tank closure letter. He is aware of tank closure activities and also stated that an historic roundhouse was located on the subject property and is somewhat concerned on potential environmental impacts on the remedial portions of the Subject Property excluding the former tank excavation area.

12/2/08

9:15 arrive on-site sketch site map including surrou... land use + businesses

9:45 Call to Keith Rieckers (City of Sea... will meet me on-site @ 10

on-site visuals.
- debris piles
- tires
- ruins
- footprints of demolished building still visible on-site.
- historic cistern (?) located on-site partially collapsed w/ trees growing in it.

10:15 meet w/ Keith + Dan John Sitton M,10 Datsfield - Fire Chief Drive side. Keith pointed out where previous USTs were re... + site boundaries. Sit includes former rail road line and of Sutherland Lumber building footprints

12/2/08

took pictures of site including existing MW & trunk removal portion of the site, Old Sutherland Lumber building footprints, historic cistern (?), debris piles

11:00 met to fire station to interview Mike Ditsfield (?), of Sedalia Fire Chief.

Mike Ditsfield stated that in his 35 years he could not remember responding to the site for environmental response.

12/4/08

Correspondence with R. de Hemis of Union Pacific reveals that Union Pacific Railroad has owned the parcels since April 29, 1870.

APPENDIX 11

QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL

Christopher L. Kinn, P.G.
Director, Midwest Operations

Education

- Graduate Study - Geological Sciences, San Diego State University, San Diego, California

- B.S. Geological Sciences - San Diego State University, San Diego, California (1990)

- Summer of Applied Geophysical Experience (SAGE) teaching assistant (1991-1994)

Certificates & Training

- Missouri Registered Geologist License #5531

- Kansas Licensed Geologist License #687

- Certification of OSHA 29 CFR 1910.120: Hazardous Materials and Emergency Response 40-Hour Training

- Risk Based Corrective Action Training

- Phase I and II Environmental Site Assessments for Commercial Real Estate ASTM Training

- Radiation Safety Training Course

- NITON Spectrum Analyzer Training Course

SUMMARY:
Mr. Kinn is a published author and has over 17 years professional experience in environmental assessments, geophysics, and hydrogeology. Geophysical methods he has utilized in exploration include Time Domain Electromagnetic (TEM), Frequency Domain Electromagnetic (EM), Magnetotelluric (MT), Gravity, Magnetic, Direct Current (DC) Resistivity, Geothermal, Ground Penetrating Radar (GPR), and Seismic Refraction. He has performed both surface and borehole geophysical surveys exploring fractured rock and glacial deposit environments for high capacity water supply wells. He has conducted shallow geophysical surveys in underground storage tank (UST), contaminant plume and archaeology applications. Mr. Kinn has conducted numerous aquifer characterization projects that included aquifer testing, well design, and wellhead protection components.

EXPERIENCE:

2004-Present: Terranext, LLC, Lenexa, Kansas

Mr. Kinn's Senior Geophysicist/Project Manager responsibilities include: development of site specific proposals, work plans and scopes of work; maintain budgetary tracking and fiscal control of approved projects; manage and oversight of field activities of approved projects; project development in water supply exploration and geophysical applications.

Project Manager for state-led corrective action program contract including the assessment, delineation, and monitoring of perchloroethylene (PCE) and associated drycleaning contamination; remediation of PCE and associated drycleaning contamination; and operation and maintenance of drycleaning remediation systems at sites throughout Kansas.

Project Manager for this state-led assessment services contract including Phase I and Phase II Targeted Brownfields Assessments (TBAs); risk based corrective (RBCA) investigations; and inventory studies for the Missouri Department of Natural Resources at sites throughout Missouri.

Project Manager for this state-led environmental services contract including the assessment, delineation, and monitoring of petroleum based contaminated sites throughout Wyoming.
Project Manager for state-led environmental services contract including the monitoring of petroleum contaminated sites throughout Colorado; closure and post-closure monitoring of landfill sites.

1998-2004: CKinn Geoscience, Kansas City, Missouri
Mr. Kinn's consulting firm provided geophysical and hydrogeological services to industry, private contractors, archeologists, city utilities and rural water districts. Some representative projects include: fracture mapping and glacial channel mapping for high capacity water supply locations; non-intrusive mapping of abandoned mine sites and potential karst features; non-intrusive mapping of underground storage tank (UST) locations; non-intrusive mapping of historic grave sites geologic logging and aquifer testing of water supply wells; soil and water sampling; soil analysis utilizing spectrum analysis (XRF) methods; monitoring well drilling, installation, and development oversight; water sampling oversight; soil sampling oversight.

1994-1998: Layne Geosciences Inc. (LGI)
As a Project Geophysicist, responsibilities included providing geophysical support to LGI offices in exploration for high capacity water wells and environmental projects. Projects he has managed include mapping of chloride contaminated groundwater; mapping buried channels; mapping fractured bedrock; mapping abandoned landfills; mapping UST locations; and mapping liner leaks at a salt processing plant. Mr. Kinn also contributed to hydrogeological projects such as aquifer testing design and analysis and wellhead protection investigations.

1992-1994: Private Contracting
As a private geophysical contractor, Mr. Kinn was involved in projects including gravity investigations for geothermal exploration, Very Low Frequency (VLF) investigations for fracture/fault mapping and total station surveying.

1990-1992: Phoenix Geoscience, CSAMT Surveys, Inc.
As a Field Geophysicist, Mr. Kinn's responsibilities included acquisition of magnetotelluric (MT) and controlled source audio magnetotelluric (CSAMT) data for mineral exploration, knowledge of equipment and optimum array design, and presentation of field results.

PUBLICATIONS AND PRESENTATIONS:

Surface Geophysics in Environmental and Groundwater Site Characterization, 1996 Missouri Groundwater Association Conference.

Tracing Crustal Isotherms under the Western Margin of the Jemez Mountains using SAGE and Industry Magnetotelluric Data, New Mexico Geological Society Guidebook 47, 129-133, 1996.

Correlation of Magnetotelluric Data and Geothermal Drilling in the Valles Caldera Region, New Mexico, International meeting, Society of Exploration Geophysics, Expanded Abstracts, 1996.

The Search for Water Goes Beyond Intuition, International Groundwater Technology, September 1995.

Magnetotelluric Transect from the Eastern Sierra Nevada Batholith Across the Extended Death Valley Region, California, USA, Journal of Geophysical Research Letters, December 1995.

Magnetotelluric Evidence of Mantle Thinning Beneath The Southern Sierra Nevadas, Journal of Geophysical Research, October 1995.

Magnetotelluric Mapping of Upper Crustal Isotherms Beneath the Valles Caldera Hydrothermal System, 1993 American Geophysical Union Conference.

A Magnetotelluric Transect from Owens Valley East to Panamint Valley, California, 1993 American Geophysical Union Conference.

Dipole-Dipole DC Resistivity Detection of a Trenched Portion of the Rose Canyon Fault Zone, San Diego, California, 1993 Symposium on the Application of Geophysics to Engineering and Environmental Problems Conference.

Magnetotelluric Evidence for the Brittle-Ductile Transition Beneath the Peninsular Ranges Batholith, Southern California, 1992 American Geophysical Union Conference.

Removal of Near Surface Distortion from Magnetotelluric Data, 1992 Electromagnetic Induction in the Earth Conference.

Phase II Environmental Site Assessment

Old Sutherland Lumber

601-641 East Broadway Boulevard
Sedalia, Missouri

March 2009

BARR

RECEIVED
APR 2 0 2009
By

STATE OF MISSOURI
Jeremiah W. (Jay) Nixon, Governor • Mark N. Templeton, Director
DEPARTMENT OF NATURAL RESOURCES
www.dnr.mo.gov

April 15, 2009

Mr. Keith Riesberg
City of Sedalia
200 South Osage Avenue
Sedalia, MO 65301

RE: Old Sutherlands Lumber, 637, 641 and 601 East Broadway, Sedalia, MO
Phase II Environmental Site Assessment

Dear Mr. Riesberg:

To facilitate environmental due diligence for the above-referenced property, the City of Sedalia submitted an application to the Missouri Department of Natural Resources' Brownfields/Voluntary Cleanup Section (BVCP) for a Brownfields Assessment. Barr Engineering Company, the department's contractor, conducted Phase II activities under a department approved work plan to investigate recognized environmental conditions (RECs) at the property that may need to be addressed prior to reuse. Enclosed, please find your copy of the completed Phase II Environmental Site Assessment (ESA) report.

Findings of the Phase II ESA report are summarized below:

- Benzo(a)pyrene and chlorotoluene were detected in soil above the residential target level near the former petroleum businesses in the southern boundary of the site.
- High levels of lead and arsenic were detected in the surface soil samples collected across the site. The higher levels of these metals were found adjacent to the track or spur that may be attributed to the ballast material used in the construction of the railroad tracks. The arsenic levels are within the natural background concentrations in Pettis county. Lead levels were high at all locations except the east side of the site.
- In the center portion of the site near the former maintenance and painting area, lead in surficial soil was above the non-residential target levels. No volatile organic compounds were above the residential target levels in this area.
- Shallow groundwater is not suitable for human consumption due to high lead content.

The BVCP reviewed the report and concurs with Barr Engineering Company's conclusions and findings. Based on the findings of the assessment, the BVCP recommends the following:

Due to the high levels of lead and arsenic, Barr does not recommend use of the site for residential homes without additional cleanup. Virtually all surface soils (0-12') across the site would probably have to be excavated and properly disposed if residential use is being considered. For a non-residential development the city can incorporate revegetation, paved parking areas, building floors, or other methods of reducing human exposure to metals into the redevelopment plan.

The shallow metals contamination across the site should stay covered to minimize human exposure. The city should not disturb the land surface without a plan in place to prevent exposure to the contamination.

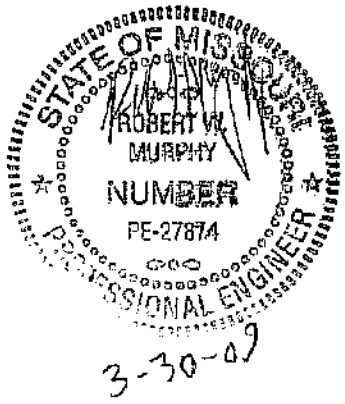
The BVCP recommends the city consider placing a groundwater use restriction in the property chain of title that prohibits private groundwater use since human ingestion standards have been exceeded by the detected levels of groundwater contamination.

Phase II Environmental Site Assessment

Old Sutherland Lumber

601-641 East Broadway Boulevard
Sedalia, Missouri

March 2009



BARR

Barr Engineering Company
3236 Emerald Lane
Jefferson City, MO 65109
Phone: (573) 636-5331
Fax: (573) 636-5323

Phase II Environmental Site Assessment

March 2009

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Appendix B Laboratory Analytical Results

1.0 Introduction

1.1 Purpose

At the request of the Missouri Department of Natural Resources (MDNR) Brownfields/Voluntary Cleanup Program (BVCP), Barr Engineering Company (Barr) performed a Phase II Environmental Site Assessment on three parcels of land located within the city limits of Sedalia, Missouri (site). The Union Pacific Railroad Company currently owns the site, and the City of Sedalia is interested in purchasing it. Most of the vacant site lies on the east side of a former major railroad line that is now part of MDNR's Katy Trail. The site most recently has been used as a lumberyard operated by Sutherland Lumber, and historically had been operated as a railroad maintenance yard. There were also at least six separate oil companies operating gas stations or bulk petroleum storage tanks along Broadway Boulevard after the rail yard closed. The City of Sedalia applied for a Brownfields Assessment and was awarded both a Phase I and Phase II Environmental Site Assessment by BVCP. The objective of this Phase II investigation is to confirm the possible presence of metals and petroleum-related contamination in surface soils, subsurface soils, and groundwater at the site, and determine the magnitude and extent. If any of the parcels are redeveloped by the city, new structures may be constructed. As such, Barr has developed the fieldwork to ensure that the vapor intrusion human exposure pathway can be evaluated to ensure both construction worker and future occupant safety during and after redevelopment. Barr is not intending for this report to serve as a complete Missouri Risk-Based Corrective Action (MRBCA) Tier 1 site assessment. However, many of the elements of such an assessment may be found in this report or developed from the data derived during the site investigation. There are currently no operations going on at any of the parcels. There are no structures remaining at the site, as all were demolished prior to 2005.

1.2 Special Terms and Conditions

BVCP awarded Barr the Phase II Environmental Site Assessment by letter dated February 11, 2009. Barr submitted the *Phase II Environmental Site Assessment Work Plan* to BVCP on February 18, 2009, and BVCP gave written approval of the work plan on March 4, 2009. This Phase II report was developed in accordance with the guidance described in the Statewide Services Contract Number C306086003 (Barr -Vendor Number 41-09059950 0) (OA, 2006) and ASTM E-1903, *Standard Guide for Environmental Site Assessments: Phase II Environmental Site Assessment Process.*

2.0 Background

2.1 Site Description and Features

The subject study area consists of three parcels of land owned by Union Pacific Railroad since 1870. Figure 1 outlines the locations of these three parcels. The parcels are located at 601, 637, and 641 East Broadway Boulevard on its north side, with a portion of the site stretching across East 5th Street to the north near the historic Katy Trail depot. The study area is located in downtown Sedalia in Pettis County, Missouri, and consists of approximately 16.4 acres of land. A small portion of the site lies across the Katy Trail on its west side that is adjacent to residential backyards, and the southeast corner of the site stretches east to Hancock Avenue.

The land surface at the northernmost portion of the site is basically flat and consists primarily of a parking area for the historic Katy Trail depot museum operated by MDNR. The interior portion of the site has been filled and sits approximately eight feet above the southeast corner of the site and Broadway Boulevard. The southeast portion of the property is much lower than the rest of the site, not having any fill material on it. There are remnants of three of the oil company structures on this lower southeast portion of the site. The old Sutherland Lumber structure's footprints are visible in the south-central portion of the site. There is what appears to be a cistern-like structure remaining in the north-central portion of the site near the historic roundhouse, but little other building evidence that the site had been a rail yard. The site at one time had numerous railroad tracks and spurs crossing it, though just the Katy Trail on the west, one spur north by the museum, and one rail line on the east remain visible.

Access to the site is either up a paved ramp leading north from Broadway Boulevard or south from East 5th Street on dirt/gravel paths. The northern interior and western portions of the site have vegetation where there are no apparent building footprints. There was one dump site located along the eastern boundary near the location of surface soil sample S-5, and another pile of building debris on the east side of the Katy Trail on the southwest portion of the site.

2.2 Physical Setting

Most of the site is elevated well above Broadway Boulevard such that drainage is towards the south. However, the southeast portion, lying at least eight feet below the rest of the site, appears to collect surface water from areas to the north. This portion of the site sits level with Broadway Avenue and

was very marshy during the Phase II fieldwork. The elevation of most of the site is approximately 910 feet above mean sea level, while the southeast portion lies at 900 feet above mean sea level. Local surface water drainage is expected to flow to the southeast towards a small tributary of the Lamine River.

2.3 Site History

Terranext prepared a *Phase I Environmental Site Assessment* for the "Old Sutherland Lumber" site during December 2008. Most of the background information for the site can be found in this assessment.

Initial development of the site as a railroad maintenance yard began around 1870, and Union Pacific and its predecessors have owned the site ever since. Historic Sanborn insurance maps identified numerous railroad tracks, spurs, turntables, a roundhouse, paint shop, and maintenance shop at the site up until about 1900. The 1908 map shows railroad operations winding down at the site, with separate coal storage operations and a heating plant operating at the site. Between 1925 and at least 1963, various oil companies operated along the southern portion of the site. These operations included retail service stations and bulk storage of gas and heating oil. Names associated with these companies include Grand Oil, White Eagle Oil, Texas Oil Company, Mid-Continent Petroleum, Hudson Oil Company, Cities Service Oil, Socony Mobil, and DX-Sunray. Both Hudson Oil and Cities Service appear to have operated service stations in the extreme southeast corner of the site along Broadway Boulevard.

Barr is uncertain of the exact dates, but it appeared that Sutherland Lumber redeveloped the southern portion of the site for lumber sales and storage sometime during the 1970s. 1990s-era photographs indicate that the lumberyard was still in operation, while a 2005 figure shows that it had closed. During the 1990s, two petroleum underground storage tanks (USTs) were removed from the closed Hudson Oil Company service station. This closure included excavation and disposal of 1,731 tons of contaminated soil. Follow-up closure actions included installation and sampling of four monitoring wells, and additional excavation and disposal of 1,817 tons of contaminated soil. A corrective action report was submitted to the MDNR Tanks Section in 1999, and an "NFA" letter was issued in November 1999 by MDNR.

2.4 Adjacent Property Land Use

Barr bases the following description of properties near the site on observations during the Phase II fieldwork and the Terranext descriptions in its Phase I site inspection report.

North: Katy Trail State Park parking area and historic train depot museum.

South: Residential housing across Broadway Boulevard.

East: Commercial businesses including a medicine store, dentist office, Family Dollar, an automotive repair facility, and the City of Sedalia Fire Department.

West: Residential housing across the Katy Trail.

2.5 Summary of Previous Assessments

The Terranext *Phase I Environmental Site Assessment* (December 2008) and the leaking UST investigation of the closed Hudson Oil station are the only known assessments of the site. Since the MDNR Tanks Section issued an NFA letter for the Hudson Oil portion of the site, Barr does not consider it a recognized environmental condition (REC) that requires further investigation. A review of the conclusions from the Terranext assessment led Barr to conclude that the following (RECs) at the site require additional investigation:

- The former use of the site as a railroad maintenance yard that included operation of a paint room, maintenance shed, and roundhouse, which could lead to solvent and fuel-related contaminants in the surface and subsurface.
- The former use of portions of the site for coal storage, which could result in near surface soil contamination with metals and PAHs.
- The former use of the southern portion of the site for bulk petroleum storage and retail sales of gasoline, which could result in surface and subsurface contamination with lead and petroleum.
- The former presence of numerous railroad tracks, spurs, and loading areas that could result in widespread surface soil contamination.

3.0 Phase II Activities

3.1 Scope of Assessment

3.1.1 Sampling Plan

Barr developed the sampling plan to target any soil or groundwater contamination resulting from each of the four RECs identified during the Phase I assessment. The most likely historical source of subsurface contamination would be from former USTs at the southern and southeastern portion of the site, though any historical fuel storage areas or paint-related operations could result in contaminants migrating into subsurface soils and groundwater. Surface soil contamination would tend to be focused on railroad operations and coal storage, which did not occur on the lower southeastern portion of the site. As such, the sampling plan focused largely on shallow surface soil sampling across the interior of the former railroad yard (not the southeast corner) and subsurface soil and groundwater testing were the primary focus of the investigation at the former maintenance shed, paint shop, and three of the petroleum businesses. Barr did not target a boring at the former Hudson Oil Company (between B-1 and B-2) since the MDNR Tanks Section had closed this site.

The hand-dug surface soil samples collected from the site are identified with an "S" designation, while the borings have a "B" designation. The surface soil samples collected were largely in a grid pattern, though Barr did specifically target several land surface depressions where metals could accumulate over time and two separate small dump areas. Sample location S-5 targeted a small trash dump on the eastern site boundary, and S-6 targeted a building debris pile on the east side of the Katy Trail.

Boring B-1 targeted the former location of the Cities Service Oil Company, B-2 targeted an area between the former Mid-Continent and Texas Company petroleum storage complexes, and B-3 targeted the former White Eagle petroleum business and southern end of historical railroad painting operations. B-4 was placed near the assumed northern edge of the railroad paint shop, while B-5 targeted the assumed location of the railroad maintenance shop. Surface soil, subsurface soil, and groundwater intervals were targeted for sampling from these five borings.

3.1.2 Chemical Testing Plan

The testing plan was developed to ensure that all potential chemicals of concern in the surface soils, subsurface soils, and groundwater were part of the analyses. The plan for the site-wide surface soil

sampling grid called for testing shallow soils for arsenic and lead using EPA Test Method 6010. The surface soils from the five borings were also collected for analyses of arsenic and lead (Test Method 6010), TPH-DRO/ORO/PAHs (Test Method 8270) to account for coal pile storage issues and fuel oil components, and the full VOC list (Test Method 8260) to account for a wide range of potential volatile contaminants due to petroleum, paints, cleaners, and solvents. Barr collected duplicate surface soil samples for analyses of metals and PAHs, and one duplicate sample from the subsurface for analyses of the full VOC scan. All five subsurface soil samples collected from the borings were also analyzed for the full VOC list using EPA Test Method 8260.

Collected groundwater samples were analyzed for total lead using EPA Test Method 6010 and the full VOC list using EPA Test Method 8260. A trip blank originating from Teklab was brought to the site in the sample cooler and later analyzed for the same VOC list.

3.1.3 Deviations from Work Plan

There were no major deviations from the Phase II site assessment work plan, with the exception of adding a rinsate sample. Barr considered this sample necessary for quality control since Barr cleaned the equipment (shovel and steel spoon) between each hand-dug surface soil sampling location. One boring (B-3) was dry after setting a temporary well screen, so no groundwater sample could be collected. The retrieved soil cores from B-3 were also dry at the bottom of the boring, so Barr felt that allowing a greater time for water to enter the wellbore would not yield sufficient water for testing. There were no other deviations from the work plan, other than slightly adjusting some sample collection locations due to utilities and to be closer to likely contaminant source locations.

3.2 Field Exploration and Methods

Rob Murphy, P.E., and Adam Nanney, field engineer from Barr Engineering, arrived at the property at 7:30 a.m. on Thursday, March 12, 2009 to locate where Dig-Rite representatives had marked the buried utility locations. The temperature was in the lower 30s and it was a sunny day. Aaron Sense from PSA Environmental, the Geoprobe operator, arrived at the site at 9:00 a.m. to start drilling.

All five borings were continuously sampled until the depth of refusal, which were all above the planned 20-foot depth with the exception of B-4. The location of B-4 was topographically the highest on the site, with this portion of the site being filled in well above Broadway Boulevard. Refusal was not yet encountered at the 20-foot depth in B-4, but the core samples were saturated so Barr instructed the driller to stop. Barr obtained a representative Photoionization Detector (PID)

reading from each four-foot section of retrieved cores. Since the temperature was cold and there was little PID response directly on the cores on the pickup bed, Barr placed the soil samples in a Ziploc bag and placed them inside the heated pickup truck on the dashboard to ensure a better PID response to headspace vapors. After a period of 15-20 minutes, a PID reading was taken from the headspace inside the Ziploc bag and recorded.

After completion of the five borings and soil sampling, each was converted into a temporary well by advancing a five-foot long PVC well screen to the total boring depth. Barr collected groundwater samples from four of the five borings after allowing them to fill with groundwater for at least an hour or more. There was sufficient groundwater volume for both purging and sampling in every boring except B-3. PSA abandoned all five borings in accordance with Missouri well construction rules, as all boreholes were filled with granular bentonite.

Barr collected soil samples from the subsurface (6-10 feet) in each of the five borings. Normally, the subsurface sample depths would be chosen by Barr based on a combination of observations regarding type of material present (discoloring) or signs of petroleum odor. There was only one stain observed at the 6- to 7-foot depth in B-3 (it was sampled), but obvious petroleum odors and PID responses were observed in borings B-1, B-3, and B-4.

The surface soil samples across the site were collected by first removing any vegetation layer and/or rocky gravel material from the surface with a shovel. Barr then collected a sample with a stainless steel spoon and placed the soil material in the sample jars. The shovel and spoon were cleaned with an Alconex solution and rinsed with distilled water between the collections of each sample. Barr collected a water sample of fluid poured over the cleaned sampling equipment and labeled it as a rinsate sample.

3.3 Sampling and Chemical Analyses Methods

As each Geoprobe was advanced, soils were collected continuously by advancing a macro-core soil sampler (48-inches long by 2-inches in diameter) encapsulating 4-foot samples within an acetate liner. The macro-core sampler was withdrawn to the surface retaining the soil sample in the acetate liner. Soils recovered from the direct-push sampler were examined by a field engineer for unusual staining, incidental odors, sheen, and other signs of contamination. Each macro-core sampler of soils recovered was also screened for the presence of total organic vapors using a PID. Barr obtained a representative PID reading from each retrieved liner. Once the field screening process was completed, a soil sample was chosen based on PID response and olfactory observations of

contamination. Sample collection Method 5035 was utilized by Barr to collect the soil samples for VOCs. The metals and PAH samples were collected in 4 oz. jars, including those collected by hand near the surface away from the Geoprobe borings. Each sample was placed in a cooler on ice.

One subsurface soil sample was collected from each of the five Geoprobe borings, with the exception of a duplicate VOC sample collected from B-5. Barr also collected a duplicate surface soil sample from B-5-SS for PAHs/DRO/ORO and a duplicate surface soil sample at S-5 for analyses of arsenic and lead.

Barr followed the originally proposed chemical testing plan from the work plan, with the exception of adding a rinsate sample. The rinsate sample was collected from pouring distilled water over the shovel and spoon following cleanings between sampling for surface soils. This sample was analyzed for lead and arsenic. Barr collected a duplicate groundwater sample for VOCs and lead from boring B-2 since it yielded the most groundwater. Following sampling, three coolers were dropped off at the Federal Express shipping facility in Sedalia, Missouri and later shipped to the Teklab analytical laboratory in Collinsville, Illinois for analysis. Teklab used SW-846 methodology to analyze the samples. A trip blank accompanied the sample cooler and was analyzed for VOCs with Test Method 8260.

4.0 Evaluation and Presentation of Results

4.1 Surface/Subsurface Conditions

4.1.1 Soil

Barr has completed boring logs for each of the five continuously sampled borings, copies of which are provided in Appendix A. It should be noted that the recovery of the soil samples was generally poor in borings B-2, B-3, and B-5, such that many of the 4-foot acetate liners only contained 3 feet of soil in them. This could be attributed to fill presence and large rock fragments that blocked full recovery inside the acetate liner during retrieval.

Barr noted a wide variety of materials in the soils, ranging from gravel, silts and clays, from brown to gray in color. Most material consisted of silty clays and clays, though sandy silt was observed right above bedrock in B-3. The other borings typically had rock fragments immediately above the depth of refusal. The only observed stained interval was from 6-7 feet in boring B-3. Bedrock, assumed to be a shale or limestone, was found at depths of only 9-12 feet in the southeast portion of the site where there is no significant amount of fill material. Refusal was encountered at greater depths on the former railroad portion of the site that had been filled. Refusal was not encountered in B-4 and was at a 16-foot depth in B-5.

Barr noted the top few inches of surface material in each of the surface soil sample locations. Away from the site interior that had historic structures, surface material typically consisted of grass and topsoil. Most of the site interior was covered with broken concrete, small gravel, or compacted soil. When collecting surface soil samples, Barr dug under this material to collect soil samples more representative of what metals were deposited during the railroad operations.

4.1.2 Groundwater

Most of the retrieved cores appeared wet at varying depths, while B-3 appeared dry throughout its depth. Barr has included measured groundwater depths in four of the borings on the boring logs and in Table 4. Barr measured the static water level in each well prior to sampling. The measured depths ranged from 1.1 feet below ground in B-2 within the lowest area of the site, and 18.1 feet below ground in B-4 at the topographically highest point on the site. B-2 was located in a marshy area that received drainage both from the rest of the site and from upgradient commercial sites to the north. Due to the clayey content of the saturated intervals and the relatively short time allowed for fluids to

enter the temporary well screens, Barr cannot be sure that these were stabilized water levels. B-1 had a measured water depth of 8 feet below ground and B-5 had it measured at 9 feet below ground.

Locally, the shallow groundwater is expected to follow the topography of the land surface and flow southeast towards a small creek flowing southeast of Sedalia.

4.2 Analytical Data

4.2.1 Soil Sampling Results

The analytical results from the site-wide surface soil sampling are summarized in Table 1 of this report. The analytical results of the surface soil sampling from the borings are summarized in Table 2 of this report. The analytical results of the subsurface soil sampling from the borings are summarized in Table 3 of this report. A copy of the complete laboratory analytical data printout from Teklab is provided in Appendix B. The tables also provide a comparison between the contaminant detections and Missouri Risk-Based Corrective Action (MRBCA) Tier 1 Target Levels for sandy soils (Type 1) for residential and non-residential future property use. Though analyses of the soils in the borings indicated that most soils are silts (soil Type 2) or clays (soil Type 3), Barr has used a more conservative comparison with soil Type 1 target levels. The tables also provide a comparison between the contaminant detections and target levels protective of a construction worker. Barr has included residential target levels in the comparison to help determine the degree of institutional controls that may be required if the city were to acquire the site and later enroll the property into the BVCP.

The site-wide surface soil samples each have an "S" prior to the corresponding location designation. The Geoprobe boring locations are designated with a "B."

SITE-WIDE SURFACE SOILS

Table 1 provides the results from the site-wide surface soil sampling for arsenic and lead that Barr performed across the site. Barr targeted obvious areas of dumping, land surface depressions, former railroad structures, and former railroad track/spur locations. Every sample had a detection of arsenic above MRBCA residential Tier 1 target levels, and all but S-3, S-4, S-5, and S-6 had arsenic levels above non-residential target levels. The highest levels of arsenic were detected from samples collected adjacent to the railroad tracks. These include S-1 and S-10 near the Katy Trail museum spur and Katy Trail former track, respectively.

Every sample had a detection of lead above MRBCA residential Tier 1 target levels with the exception of S-3, S-4, and S-5. The lead levels of 733 mg/kg in S-7, 1490 mg/kg in S-8, and 1580 mg/kg in S-11 are also above non-residential target levels.

SURFACE SOILS IN BORINGS

Table 2 provides the results from the surface soil sampling from the five borings for arsenic and lead, PAHs, and VOCs that Barr performed along the southern site boundary and interior. Again, all arsenic levels exceeded MRBCA surface soil residential Tier 1 target levels, but only the surface sample from B-5 exceeded non-residential target levels for arsenic. Lead levels in B-1 and B-2 met residential target levels, while lead in samples from B-3, B-4, and B-5 exceeded both residential and non-residential target levels. The level of benzo-(a)-pyrene (0.581 mg/kg) in the surface soil sample from B-3 slightly exceeded the residential Tier 1 target level of 0.62 mg/kg but did not exceed the non-residential target level. B-3 was collected from an obvious area of diesel/heating oil contamination based on observed odors during drilling. All of the other PAHs, TPH-DRO, and TPH-ORO were either non-detect or below residential target levels.

Barr collected the surface soil samples for subsequent VOC analyses from the depth interval of 2-3 feet below ground. Anything shallower would tend not to have volatiles present for any length of time due to volatilization near the surface. Trace amounts of VOCs were detected in surface soil samples from B-1, B-2, B-4, and B-5. B-3, which exhibited a strong diesel odor during drilling, had higher detections of common VOCs associated with petroleum. However, none of these higher detections came close to exceeding applicable MRBCA surface soil residential Tier 1 target levels.

SUBSURFACE SOIL SAMPLING FROM BORINGS

Barr placed five borings to target any petroleum releases from the former storage/retail gasoline sales businesses along the southern site boundary and any volatile releases associated with railroad operations along the site interior. Table 3 shows the subsurface soil sampling results. Copies of the boring logs provided in Appendix A contain the results of PID field screening for organic vapor presence. Boring B-1 near a former gas station had PID hits at depth, indicative of a possible former UST. B-2 had a PID response near the surface, possibly indicative of spills from the aboveground tanks indicated on old Sanborn maps. B-3 had high PID hits throughout the boring and a strong diesel odor. This boring was near both former railroad operations and a former heating oil storage facility. Borings B-4 and B-5 had little response to the PID, as they were not close to any former petroleum tanks.

The first page of Table 3 shows the common VOC results for all borings. The sample from B-3 also had minor detections of a wide-range of VOCs, so Barr has included these results on the second page of Table 3. None of the common VOC detections from any of the borings came close to exceeding MRBCA subsurface soil residential Tier 1 target levels. As with the surface soil sampling results, the sample from B-3 that had the strong diesel odor had the highest detections of VOCs. The other VOC detections from B-3 are listed on the second page and show a detection of 4-chlorotoluene at 0.202 mg/kg, which is slightly above the MRBCA residential Tier 1 target level of 0.177 mg/kg. However, Barr has used conservative comparisons with target levels for Type 1 soils (sandy) throughout this Phase II assessment and in the summary tables. The Type 2 soil (silts) residential target level is 0.343 mg/kg, which is above this detection. Comparisons with Type 2 soil target levels may be more appropriate when performing a human health risk assessment for this site.

4.2.2 Shallow Groundwater Sampling Results

The analytical results of the groundwater sampling are summarized in Table 4 of this report. Table 4 provides a comparison between the groundwater contaminant detections and MRBCA Tier 1 Target Levels considered safe for the exposure pathway of human ingestion, the lower criteria between indoor air inhalation and dermal contact for both a resident and non-resident, and dermal contact for a construction worker. The site is connected to the city public water supply so ingestion of groundwater is not considered as a likely human exposure pathway. Again, a comparison was provided to determine the need for possible future institutional controls implemented at the site. There were low groundwater contaminant detections for the volatile contaminants of TPH-GRO in B-1 and B-2, which were located near former petroleum storage businesses. All groundwater samples had trace amounts of xylenes and tri-methyl benzene, as did the trip blank, which makes these low detections suspect. Trace amounts of ethyl benzene and toluene were detected in B-4, while B-5 had a trace amount of ethyl benzene. None of these VOCs was above human ingestion standards or residential target levels protective of dermal contact or indoor air inhalation exposure pathways.

The detected levels of total lead in all borings are above drinking water standards, while levels in B-2 (3640 ug/l), B-4 (1190 ug/l), and B-5 (25,500 ug/l) greatly exceed levels considered safe for human ingestion of the groundwater (15 ug/l). However, these samples were for total lead and they were not filtered prior to analyses. Barr did purge the groundwater until the sample had little visual turbidity in an attempt to not bias the lead due to lead actually adhering to the particles instead of analyzing dissolved lead. As such, Barr feels that most of the lead detected is representative of shallow groundwater quality, and groundwater-use restrictions should be considered for the property.

4.3 Data Quality

The analytical data collected during the Phase II Environmental Site Assessment were evaluated in general conformance with the procedures detailed in the U.S. EPA National Functional Guidelines for Organic/Inorganic Data Review and Barr's Standard Operating Procedures for Routine Data Validation. In general, the areas covered are: evaluation of EPA-recommended holding times, laboratory control sample (LCS) results, matrix spike and matrix spike duplicate (MS/MSD) blank sample results (lab and trip), field duplicate results and overall assessment.

The samples were analyzed by Teklab using approved EPA methodologies. The laboratory met all applicable EPA-recommended holding times for sample preparation and analysis. There were two positive concentrations of target compounds present in the trip blank sample. Xylenes were detected at 2.4 ug/l and tri-methyl benzene at 1.1 ug/l. These compounds were both detected at similar levels in all five groundwater samples. The trip blank sample was placed in a cooler containing all five groundwater samples. Barr feels that the laboratory analytical equipment may have had trace amounts of these two contaminants, possibly biasing all groundwater sample results.

Teklab analyzed groundwater matrix spike duplicate (MSD) samples that had xylenes, chlorobenzene, ethyl benzene, and toluene above the acceptable recovery range. A spiked soil sample had detected lead above the accepted range, and a soil MSD sample had TPH-DRO above the accepted recovery range. Barr would consider any of the soil and groundwater sampling results showing just trace amounts of tri-methyl benzene, ethyl benzene, toluene, and xylenes as suspect. Very low-level detections of methylene chloride and acetone are also typically suspected as an artifact of laboratory contamination.

Field duplicate results are evaluated by calculating the relative percent difference (RPD) for compounds where both the sample and duplicate had positive concentrations reported. Sample S-5 served as the field duplicate sample for the arsenic/lead analysis. Both arsenic and lead levels were very close between the primary and duplicate sample. B-5-SS served as the field duplicate for the PAH, TPH-DRO, and TPH-ORO analysis. The primary sample did not have any detections of TPH or PAHs, while the duplicate did detect a few PAHs at very low levels. B-5-6' served as the field duplicate for subsurface soil testing of VOCs. Toluene, methylene chloride, and xylenes were detected in both samples at trace amounts, while acetone was detected in the duplicate sample at a low level but not detected in the primary sample. The groundwater sample from B-2 served as the duplicate for both total lead and VOC analyses. The groundwater VOC results were in relatively

close agreement between the two samples, with close comparisons between the xylenes and tri-methyl benzene detections. The total lead detections were 3640 ug/l and 4550 ug/l.

The sample Barr collected as a rinsate sample resulted in both arsenic and lead analyzed as non-detect. This would appear to indicate that Barr did a proper job of cleaning the non-dedicated sampling equipment between sampling during the site-wide surface soil sample collection points.

Barr considers the trace amounts of some volatiles detected in soil and groundwater samples as suspect. Since all of these levels are well below applicable residential target levels, this would not change the conclusions/recommendations of our assessment. All other data are considered useable as reported and qualified as presented in Teklab's data summary tables.

5.0 Discussion of Findings and Conclusions

Barr performed this Phase II Environmental Site Assessment during March 2009 in conformance with ASTM E 1903 and Barr's *Phase II Environmental Site Assessment Work Plan.* There were no major deviations from the Phase II site assessment work plan, with the exception of adding a rinsate sample for arsenic and lead analyses. The assessment revealed the following information with regard to the RECs in connection with the site:

Former Petroleum Businesses along the Southern Boundary: Barr feels as though all volatile contaminant levels near the former locations of the three businesses near B-1 and B-2 are well below any levels that could be considered as a threat to human health for any future property use. The residential target levels exceedance of benzo-a-pyrene at B-3-SS could be a result of heating oil storage by a petroleum business or a diesel fuel release from earlier railroad operations. The 4-chlorotoluene exceedance of the residential target level at B-3-7' means that a specific area may not be suitable for a private residence without a cleanup. A commercial or industrial property near this location should be allowable from a vapor intrusion human exposure pathway standpoint. In addition, the lead and arsenic levels at B-1 and B-2 meet non-residential cleanup criteria. As such, Barr sees no reason that the southern property cannot be redeveloped for non-residential use.

Former Presence of Railroad Tracks and Spurs: The surface soil sampling Barr conducted across the site revealed high levels of arsenic and lead. Both of these contaminants may be attributed to the ballast material used in the construction of the railroad tracks. The higher levels of these metals were found adjacent to a track or spur, while samples collected near the two dump sites had low metal levels. The Geochemical Survey of Missouri (Tidball – 1984) lists typical background arsenic levels in Pettis County, Missouri at 10-20 mg/kg. As such, Barr feels that the range of arsenic detected from samples collected at S-1, S-2, S-8, S-10, and S-12 (38-90 mg/kg) are related to historical railroad operations. Each of these locations except S-12 is located adjacent to a historical track. However, all of these samples were collected under well-vegetated surface material at a 6- to 12-inch depth. Lead levels were also high at all locations except along the eastern site boundary (S-3 through S-5). The potential for human exposure to these metals would appear to be minimized by the presence of grass. However, if the land surface is to be disturbed, great care should be taken by the city to prevent private residences along the western boundary from coming into contact with these metals due to inhalation or ingestion.

Former Use of the Property for Maintenance and Painting: Boring B-3 was placed both near a former petroleum business and near the former railroad painting operations. Soil sample results from this boring are indicative of both a heavier petroleum release and a possible paint-related release (acetone). The chlorotoluene detection could be a result of creosotes on railroad ties or pesticide application, both likely contaminant sources at any rail yard. The levels of volatile contaminants at B-3 are low enough that Barr sees no reason that this parcel cannot be redeveloped for non-residential use without any cleanup due to vapor intrusion issues. However, lead levels are above non-residential standards so this area should be remediated or covered prior to redevelopment with occupied structures. B-4 was also located near the former painting operations, but did not have any significant volatile contaminant detections. Lead is above non-residential target levels at the surface, so this will need to be addressed during any redevelopment. There were no volatile contaminant detections above residential target levels at B-5, which was located in the site interior near railroad maintenance operations. As such, Barr feels that this portion of the site is safe from vapor intrusion for redevelopment. Again, levels of lead and arsenic are above non-residential target levels, so this area will need to be cleaned up or capped during redevelopment.

Former Coal Storage: Barr did not uncover any widespread issues due to coal storage at the site, though contaminants associated with coal such as arsenic are also associated with railroad track ballast, and PAHs are associated with coal and heavy petroleum that may be associated with railroad ties, diesel, or bulk heating oil storage. Based on Barr's experience with sampling at other large coal volume storage sites, Barr feels that the metals/PAH contaminants detected at the site are a result of the other RECs.

In addition to the separate areas of investigation, shallow groundwater site-wide is not suitable for human consumption due to high lead content. The city should consider prohibiting private use of the groundwater at the site for human consumption. The low volatile contaminants detected in shallow groundwater were not at levels considered a threat due to vapor intrusion for any future use of the site.

6.0 Recommendations

Barr does not recommend any further surface soil, subsurface soil, or groundwater testing at the property until a plan for redevelopment is drafted by the city. Future land use will largely determine what may need to be done at the site to protect human health and the environment. Due to the high levels of lead and arsenic, Barr does not recommend use of the site for residential homes without a possibly costly cleanup. Virtually all near surface soils (0-12 inches) across the site would probably have to be excavated and properly disposed of offsite if residential use is being considered. For a non-residential property development, the city can incorporate revegetation, paved parking areas, building floors, or other methods of reducing human exposure to metals into the redevelopment plan without having to perform a costly remediation.

This investigation has led Barr to make the following additional recommendations:

(1) The shallow metals contamination across the site should stay covered to minimize human exposure. Most of the site is covered with grass or hard surfaces, and the areas of highest metals contamination are covered with grass. As such, the site does not appear to be an imminent human health threat if access is controlled and there is no land disturbance. The city should not disturb the land surface without having a plan in place to prevent exposure to this contamination.

(2) Barr recommends that the city consider placing a groundwater-use restriction in the property chain of title that prohibits private groundwater use since human ingestion standards have been exceeded by the detected levels of groundwater contaminants.

7.0 References

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Tables

TABLE 1

Surface Soil Sampling Results

March 12, 2009

SAMPLE ID	SAMPLE LOCATION COMMENT	Arsenic	Lead
S-1	Next to railroad spur by Katy Trail depot	**90.5**	**595**
S-2	South of depot next to 4th Street	**53.5**	**334**
S-3	In a drainage area/depression along eastern boundary	**14.0**	237
S-4	In a drainage area/depression along eastern boundary	**5.37**	50.9
S-5	North side of a small dump area	**6.2**	16.6
S-5 DUP	North side of a small dump area	**6.86**	16.8
S-6	On southwest side of site north of a large rubble pile	**20.4**	**570**
S-7	Extreme southwest corner of site next to Katy Trail overpass	**16.1**	**733**
S-8	Near a back residential yard on west side of Katy Trail	**55.0**	**1490**
S-9	Drainage area on west side of Katy Trail	**17.0**	**516**
S-10	Junction of Katy Trail with 4th Street	**87.5**	**277**
S-11	North central interior portion of the former rail yard	**21.1**	**1580**
S-12	South central interior portion of the former rail yard	**38.3**	**668**
MRBCA Construction Worker		654	NA
MRBCA RESIDENT		**3.89**	**260**
MRBCA NON-RESIDENT		15.9	660

All results in mg/kg

MRBCA Tier 1 Surface Soil Target Levels for type 1 soils, June 2006

"ND" indicates constituent was below the detection limit. Detection limits are found in Appendix B

"NA" indicates cleanup level not published.

Bold indicates detection exceeds residential criterion.

TABLE 2

Surface Soil Sampling Results from the Borings

March 12, 2009

VOCs-Metals

SAMPLE ID	TPH GRO	Benzene	Ethyl Benzene	MtBE	Naphthalene	Toluene	Tri-Methyl Benzene	Xylenes	Methylene Chloride	Arsenic	Lead
B-1-SS	ND	ND	0.0014	ND	ND	0.0024	0.0033	0.006	0.0033	**11.2**	65.6
B-2-SS	0.17	ND	ND	ND	ND	ND	0.0028	0.0028	0.0026	**8.39**	55.2
B-3-SS	246	0.719	1.19	ND	3.94	0.241	9.57	6.62	0.050	**13.3**	**1020**
B-4-SS	0.280	ND	ND	ND	ND	0.0024	0.0026	0.0042	0.0039	**7.66**	**2700**
B-5-SS	ND	ND	ND	ND	ND	0.0021	0.0022	0.0025	0.0046	**58.8**	**686**
MRBCA Construction Worker	>10E6	1820	58,100	165,000	215	138,000	432	7210	24,600	654	NA
MRBCA RESIDENT	354,000	177	7450	3450	36.3	6210	749	7830	842	3.89	260
MRBCA NON-RESIDENT	4.65 E6	763	97,500	14,900	119	81,100	10,100	104,000	3700	15.9	660

All results in mg/kg

MRBCA Tier 1 Surface Soil Target Levels for type 1 soils, June 2006

"ND" indicates constituent was below the detection limit. Detection limits are found in Appendix B.

Bold indicates contaminant above residential Target Level.

TABLE 2 (Continued)

Surface Soil Sampling Results from the Borings

March 12, 2009

PAHs

SAMPLE LOCATION	Acenaph-thene	Anthracene	Benzo (a) Anthracene	Benzo (a) Pyrene	Benzo (b) Fluoranthene	Benzo (k) Fluoranthene	Chrysene	Fluoran-thene	TPH DRO	TPH ORO	Pyrene
B-1-SS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-2-SS	ND	ND	ND	ND	ND	ND	ND	0.0691	ND	13	0.0587
B-3-SS	0.042	0.129	0.467	**0.581**	0.665	0.279	0.523	1.01	12	30.1	0.910
B-4-SS	0.112	0.171	0.216	0.201	0.242	0.0818	0.217	0.570	9	8	0.500
B-5-SS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-5-SS DUP	ND	ND	0.0555	0.0481	0.0617	ND	0.0598	0.145	ND	ND	0.121
MRBCA RESIDENT	3130	15,700	6.2	**0.62**	6.19	62	599	2280	1.4E5	1.24E5	1710
MRBCA NON-RESIDENT	30,700	154,000	21.1	2.11	21	211	1990	21,800	1.41E6	1.25E6	16,400

All results in mg/kg

MRBCA Tier 1 Surface Soil Target Levels for type 1 soils, June 2006

"ND" indicates constituent was below the detection limit. Detection limits are found in Appendix B.

Bold indicates contaminant above residential Target Level.

TABLE 3

Subsurface Soil Sampling Results from Borings

March 12, 2009

Common VOCs

Sample Location	Depth	Tri-Methyl Benzene	TPH GRO	Benzene	Ethyl Benzene	MtBE	Naphthalene	Toluene	Xylenes	Methylene Chloride	Acetone
B-1	8'	0.0023	ND	ND	0.00098	ND	ND	0.0014	0.0042	0.0019	ND
B-2	9'	0.0048	ND	ND	0.0025	ND	ND	0.0041	0.0118	0.0018	0.044
B-3	7'	0.441	115	0.0594	0.157	ND	0.100	0.038	0.451	ND	0.570
B-4	9'	0.00096	ND	ND	ND	ND	ND	0.001	0.0014	0.0033	ND
B-5	6'	0.001	ND	ND	ND	ND	ND	0.0014	0.0016	0.0031	ND
B-5 DUP	6'	0.0015	ND	ND	ND	ND	ND	0.0011	0.0021	0.0042	0.012
TIER 1 RBTL RESIDENTIAL[1] SUBSURFACE		2.25	385	0.378	193	21.6	25.9	499	24.7	2.86	1830
TIER 1 RBTL NON-RESIDENT[1] SUBSURFACE		18.1	3100	1.98	1550	113	136	4010	199	15	14,700
TIER 1 RBTL CONSTRUCTION[1]		431	1.22 E6	1820	58,100	165,000	215	138,000	7210	24,600	208,000

[1] June 2006 Missouri Risk-Based Corrective Action Tier 1 - Soil Type 1 Cleanup Criteria.

All units are mg/kg (ppm) dry weight.

Bold indicates contaminant exceeds residential Target Level.

TABLE 3 (Continued)
Subsurface Soil Sampling Results from Borings
March 12, 2009

Other VOCs

Sample Location	2-Butanone	2-Chloro Toluene	4-Chloro Toluene	Isopropyl Benzene	n- Butyl Benzene	sec- Butyl Benzene	n-Hexane	Propyl Benzene	Isopropyl Toluene
B-3-7'	1.81	0.354	**0.202**	0.161	0.371	0.134	0.23	0.343	0.030
TIER 1 RBTL RESIDENTIAL[1] SUBSURFACE	3880	37.5	**0.177**	10.5	118	65.2	1.92	39.9	1100
TIER 1 RBTL NON-RESIDENT[1] SUBSURFACE			1.42						

[1] June 2006 Missouri Risk-Based Corrective Action Tier 1 - Soil Type 1 Cleanup Criteria.

All units are mg/kg (ppm) dry weight.

Bold indicates contaminant exceeds residential Target Level.

TABLE 4

Groundwater Sampling Results

March 12, 2009

Sample Location	Ground water Depth	Lead	Benzene	Ethyl Benzene	MtBE	Naphthalene	Toluene	Xylenes	TPH GRO	Tri-Methyl Benzene
B-1	8'	**28**	ND	ND	ND	ND	ND	1.8	260	1.4
B-2	1.1'	**3640**	ND	ND	ND	ND	ND	1.8	160	1.3
B-2 DUP	1.1'	**4550**	ND	ND	ND	ND	ND	2.5	ND	1.1
B-4	18.1'	**1190**	ND	1.1	ND	ND	1.0	4.7	ND	2.0
B-5	9.1'	**25,500**	ND	1.1	ND	ND	ND	4.6	ND	1.9
Trip Blank		NA	ND	ND	ND	ND	ND	2.4	ND	1.1
Ingestion Standards		**15**	5	700	128	1.09	1000	10,000	18,100	7.05
TIER 1 RBTL RESIDENTIAL[1]		Not Published	292	6340	23,500	20.6	8580	11,800	20,800	556
TIER 1 RBTL NON-RESIDENT[1]		Not Published	1060	35,100	85,800	75.1	47,600	94,900	167,000	4470
TIER 1 RBTL CONSTRUCTION[1]		Not Published	14,800	97,600	5,960,000	5210	132,000	328,000	80,900	23,800

[1] June 2006 Missouri Risk-Based Corrective Action Tier 1 - Soil Type 1 Cleanup Criteria, lower between vapor intrusion & dermal contact.

All contaminant levels reported in ug/L (ppb). "ND" Denotes the analyte was not detected at the detection limits, which are provided in Appendix B. "NA" denotes that the chemical was not included in the analysis.

Bold indicates contaminant level was above ingestion standard.

Figures

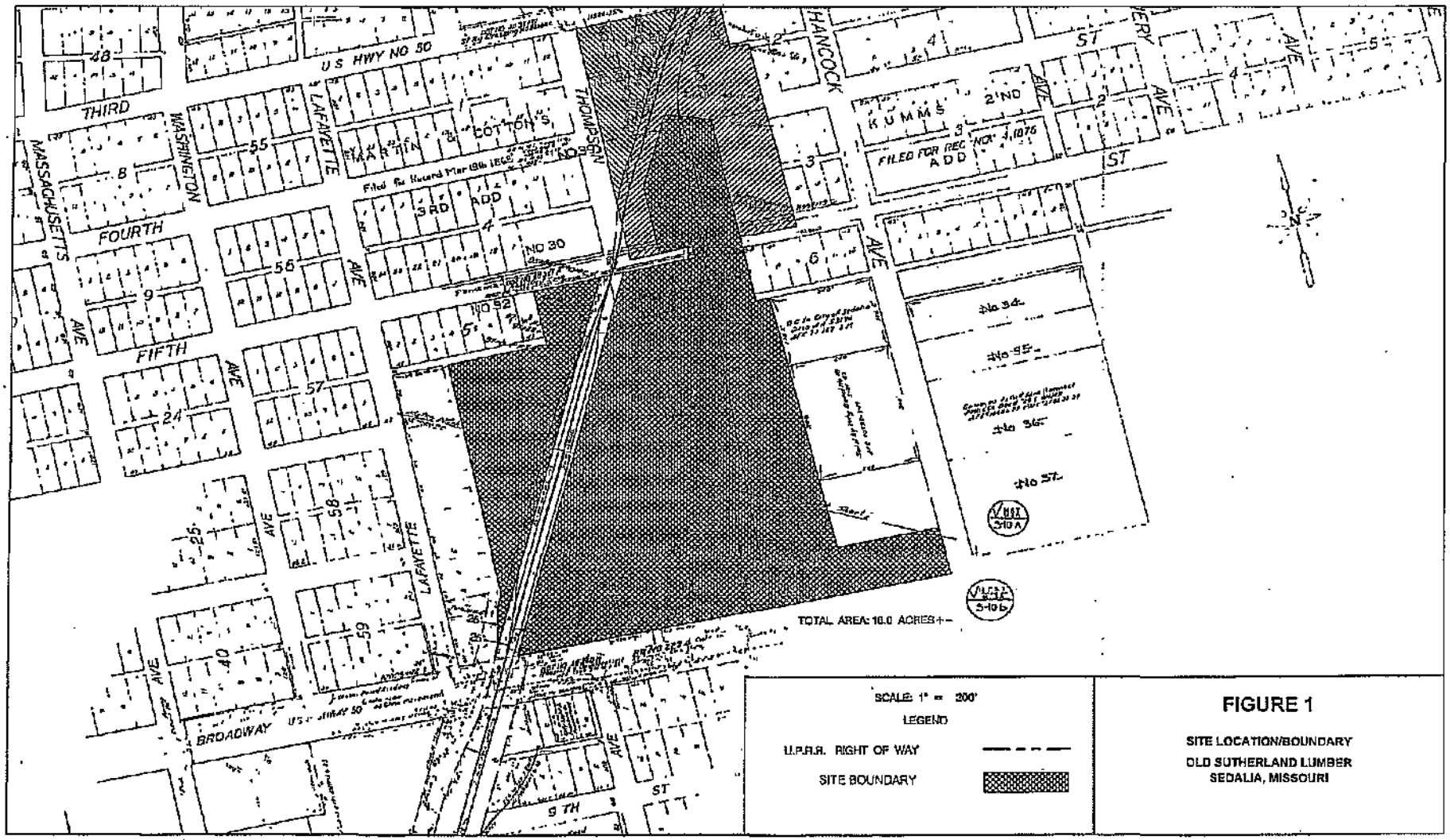


FIGURE 1

SITE LOCATION/BOUNDARY
OLD SUTHERLAND LUMBER
SEDALIA, MISSOURI



Barr Footer: Date: 3/23/2009 4:00:01 PM File: I:\Projects\25\7113\Sutherland.mxd User: ams2

Legend

- ▲ Soil Boring
- ● Surface Sample

N

Feet
500 0 500

Meters
100 0 100 200

BARR

Figure 2

SAMPLE LOCATIONS
Old Sutherland Lumber
Phase II Assessment
Sedalia, Missouri

Appendices

Appendix A

Survey Form

HOLE NO. B-1

Barr Engineering Company

DRILLING LOG

SHEET 1 OF 1 SHEETS

PROJECT NAME/NO. Old Sutherland Lumber	SIZE AND TYPE OF BIT Geoprobe
LOCATION (Coordinates or Station) Sedalia, Mo	DATUM FOR ELEV. SHOWN
DRILLING AGENCY PSA	MANUFACTURERS DESIGNATION OF DRILL
HOLE NO. B-1	TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN 2 Disturbed ___ Undisturbed
NAME OF DRILLER Aaron Sense	TOTAL NO. CORE BOXES
DIRECTION OF HOLE ☑ Vertical ☐ Inclined ___ Deg. from Vert.	ELEV. GROUNDWATER 8'
THICKNESS OF OVERBURDEN 9'	DATE HOLE: 3/12 Started ___ Completed
DEPTH DRILLED INTO ROCK	ELEV. TOP OF HOLE
TOTAL DEPTH OF HOLE 9'	SIGNATURE OF INSPECTOR Rob Murphy

SAMPLE	DEPTH	PID	CLASSIFICATION OF MATERIALS (Description)	RECOV-ERY	N	REMARKS
SS	1–3	0	Light brown Silty clay	4'		
	4					
	5–6		Light brown silty clay	4'		
B-1-8'	7	15	Gray thick clay			Slight odor
	8	10	Gray clay w/ chert fragments	1'		Wet
	9		Refusal at 9' - appears to be shale			
	10–11		Set Temporary well with 5' casing screen			
	12		Water Level @ 8'			
	13–19					

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HOLE NO. B-2

Barr Engineering Company

DRILLING LOG

SHEET 1 OF 1 SHEETS

PROJECT NAME/NO. Old Sutherland Lumber	SIZE AND TYPE OF BIT Geoprobe
LOCATION (Coordinates or Station) Sedalia, Mo	DATUM FOR ELEV. SHOWN
DRILLING AGENCY PSA	MANUFACTURERS DESIGNATION OF DRILL
HOLE NO. B-2	TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN 2 Disturbed ___ Undisturbed
NAME OF DRILLER Aaron Sense	TOTAL NO. CORE BOXES
DIRECTION OF HOLE ☑ Vertical ☐ Inclined ___ Deg. from Vert.	ELEV. GROUNDWATER 1.1'
THICKNESS OF OVERBURDEN 12'	DATE HOLE: 3/12 Started ___ Completed
DEPTH DRILLED INTO ROCK	ELEV. TOP OF HOLE
TOTAL DEPTH OF HOLE 12'	SIGNATURE OF INSPECTOR Robert Murphy

SAMPLE	DEPTH	PID	CLASSIFICATION OF MATERIALS [Description]	RECOVERY	N	REMARKS
	1		Rock fragments Light brown silt			
SS	2	1		3'		
	3		Dark brown silty clay			moist
	4					
	5		Brown/gray clay			moist
	6	2		3'		no odor
	7		Brown/gray clay			wet
	8					
B-2-9'	9	5	Brown/gray silty clay			
	10			2.5'		saturated
	11					
	12		Rock fragments Refusal on shale at 12'			
	13		Set temporary well			
	14		with 5' screen			
	15		Water Level ~ 1.1'			
	16					
	17					
	18					
	19					

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HOLE NO. B-3

Barr Engineering Company

DRILLING LOG

SHEET 1 OF 1 SHEETS

PROJECT NAME/NO. Old Sutherland Lumber	SIZE AND TYPE OF BIT Geoprobe
LOCATION (Coordinates or Station) Sedalia, MO	DATUM FOR ELEV. SHOWN
DRILLING AGENCY PSA	MANUFACTURERS DESIGNATION OF DRILL
HOLE NO. B-3	TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN 2 Disturbed ___ Undisturbed
NAME OF DRILLER Aaron Sense	TOTAL NO. CORE BOXES
DIRECTION OF HOLE ☒ Vertical ☐ Inclined ___ Deg. from Vert.	ELEV. GROUNDWATER Dry
THICKNESS OF OVERBURDEN 12'	DATE HOLE: 3/12 Started ___ Completed
DEPTH DRILLED INTO ROCK	ELEV. TOP OF HOLE
TOTAL DEPTH OF HOLE 12'	SIGNATURE OF INSPECTOR Rob Mumps

SAMPLE	DEPTH	PID	CLASSIFICATION OF MATERIALS (Description)	RECOVERY	N	REMARKS
	1		Brown top soil			
	2		Brown/gray clay	3.5'		Strong diesel odor
SS	3	35				
	4		Dark gray clay			
	5			3'		
	6					
B-3-7'	7	40	Dark gray clay - stained interval 7-7½ feet			Slight odor
	8		Rock fragments			
	9		Brown/gray silt	3'		
	10					
	11	15	Sandy silt - brown			Little odor
	12		Rock fragments			Dry
	13		Refusal at 12'			
	14		No indication of water, but set a temporary well anyway. No water measured later.			
	15					
	16					
	17					
	18					
	19					

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HOLE NO. B-4

Barr Engineering Company

DRILLING LOG

SHEET 1 OF 1 SHEETS

PROJECT NAME/NO. Old Sutherland Lumber	SIZE AND TYPE OF BIT Geoprobe
LOCATION (Coordinates or Station) Sedalia, Mo	DATUM FOR ELEV. SHOWN
DRILLING AGENCY PSA	MANUFACTURERS DESIGNATION OF DRILL
HOLE NO. B-4	TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN 2 Disturbed ____ Undisturbed
NAME OF DRILLER Aaron Sense	TOTAL NO. CORE BOXES
DIRECTION OF HOLE ☑ Vertical ☐ Inclined _____ Deg. from Vert.	ELEV. GROUNDWATER 18.1
THICKNESS OF OVERBURDEN unk	DATE HOLE: 3/12 Started _____ Completed
DEPTH DRILLED INTO ROCK	ELEV. TOP OF HOLE
TOTAL DEPTH OF HOLE 20'	SIGNATURE OF INSPECTOR Tod Mumpe

SAMPLE	DEPTH	PID	CLASSIFICATION OF MATERIALS (Description)	RECOV-ERY	N	REMARKS
	1		Rock fragments Brown topsoil			
SS	2	0	Dark gray/brown silty clay	4'		No odor
	3					
	4					
	5	1	Dark gray silty clay	4'		No odor
	6		Brown/gray thick clay			
	7					
	8					
B-4-9'	9	5	Dark gray silty clay	4'		Slight odor
	10		" " " "			
	11					
	12					
	13	0	Gray clay	4'		
	14					
	15		Gray/brown Silty clay			
	16					
	17	0	Thick light-brown clay	4'		Getting wet
	18					
	19					
			End of boring - 20'			No rock fragments

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No refusal - Set temporary well.

HOLE NO. B-5

Barr Engineering Company

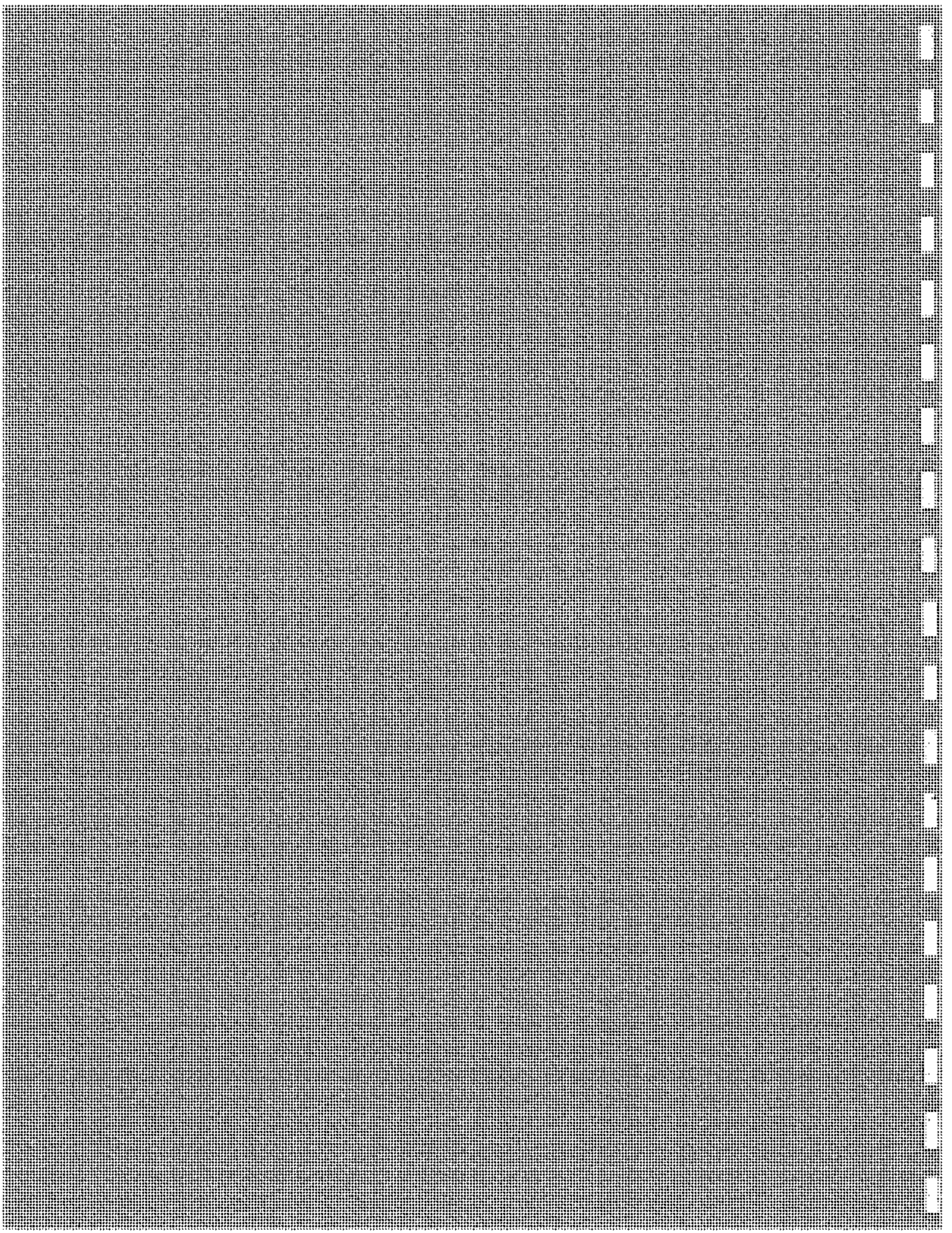
DRILLING LOG

SHEET 1 OF 1 SHEETS

PROJECT NAME/NO. Old Sutherland Lumber	SIZE AND TYPE OF BIT Geoprobe
LOCATION (Coordinates or Station) Sedalia, MO	DATUM FOR ELEV. SHOWN
DRILLING AGENCY PSA	MANUFACTURERS DESIGNATION OF DRILL
HOLE NO. B-5	TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN 4 Disturbed ___ Undisturbed
NAME OF DRILLER Aaron Sense	TOTAL NO. CORE BOXES
DIRECTION OF HOLE ☑ Vertical ☐ Inclined ___ Deg. from Vert.	ELEV. GROUNDWATER 9'
THICKNESS OF OVERBURDEN 16'	DATE HOLE: 3/12 Started ___ Completed
DEPTH DRILLED INTO ROCK	ELEV. TOP OF HOLE
TOTAL DEPTH OF HOLE 16'	SIGNATURE OF INSPECTOR Ron Murphy

SAMPLE	DEPTH	PID	CLASSIFICATION OF MATERIALS (Description)	RECOVERY	N	REMARKS
	1		Dark gray granular Fill			
SS DUP	2	0	Brown clay	3'		
	3					
	4					
	5		Brown/gray Silty clay	4'		no odor
B-S-6' DUP	6	1.6				
	7					
	8					
	9		Very thick light brown clay	4'		Moist
	10					
	11	0				
	12		Very thick brown clay	3'		wet
	13	0				
	14					
	15					clay very swollen - difficult to get out of drill rods
	16		Refusal at 16'			
	17		Set temporary well with 5' screen.			
	18		Water level ~ 9'			
	19					

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TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

March 20, 2009

Rob Murphy
Barr Engineering Company
3236 Emerald Lane
Jefferson City, MO 65109
TEL: (573) 638-5019
FAX: (573) 638-5001

ACCREDITED IN ACCORDANCE WITH nelac
NELAP Accredited #100226

RE: Old Sutherland Lumber

WorkOrder: 09030449

Dear Rob Murphy:

TEKLAB, INC received 32 samples on 3/13/2009 8:12:00 AM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. IL ELAP and NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Shelly A Hennessy

Shelly A. Hennessy
Project Manager
(618)344-1004 ex. 36

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

Client: Barr Engineering Company
Project: Old Sutherland Lumber
LabOrder: 09030449
Report Date: 20-Mar-09

CASE NARRATIVE

Cooler Receipt Temp: 5.2 °C

State accreditations:

KS: NELAP #E-10347 | KY: UST #0073 | MO: DNR #00930 | AR: ADEQ #70-028-0

Qualifiers

DF - Dilution Factor	**B** - Analyte detected in the associated Method Blank	**C** - Client requested RL below PQL
RL - Reporting Limit	**J** - Analyte detected below reporting limits	**D** - Diluted out of sample
ND - Not Detected at the Reporting Limit	**R** - RPD outside accepted recovery limits	**E** - Value above quantitation range
Surr - Surrogate Standard added by lab	**S** - Spike Recovery outside accepted recovery limits	**H** - Holding time exceeded
TNTC - Too numerous to count (> 200 CFU)	**X** - Value exceeds Maximum Contaminant Level	**MI** - Matrix interference
Q - QC criteria failed or noncompliant CCV	**#** - Unknown hydrocarbon	**DNI** - Did not ignite
NELAP - IL ELAP and NELAP Accredited Field of Testing	**IDPH** - IL Dept. of Public Health	

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-001
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-1-SS
Collection Date: 3/12/2009 9:17:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
ASTM D2974								
Percent Moisture		0.1		17.3	%	1	3/13/2009	MAB
STANDARD METHODS 18TH ED. 2540 G								
Total Solids		0.1		82.7	%	1	3/13/2009	MAB
SW-846 3050B, 6010B, METALS BY ICP								
Arsenic	NELAP	2.45		11.2	mg/Kg-dry	1	3/17/2009 1:38:38 PM	LAL
Lead	NELAP	3.92		65.6	mg/Kg-dry	1	3/17/2009 1:38:38 PM	LAL
SW-846 3550B, 8270C SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.0410		ND	mg/Kg-dry	1	3/17/2009 2:21:00 PM	MAM
Anthracene	NELAP	0.0410		ND	mg/Kg-dry	1	3/17/2009 2:21:00 PM	MAM
Benzo(a)anthracene	NELAP	0.0410		ND	mg/Kg-dry	1	3/17/2009 2:21:00 PM	MAM
Benzo(a)pyrene	NELAP	0.0410		ND	mg/Kg-dry	1	3/17/2009 2:21:00 PM	MAM
Benzo(b)fluoranthene	NELAP	0.0410		ND	mg/Kg-dry	1	3/17/2009 2:21:00 PM	MAM
Benzo(k)fluoranthene	NELAP	0.0410		ND	mg/Kg-dry	1	3/17/2009 2:21:00 PM	MAM
Chrysene	NELAP	0.0410		ND	mg/Kg-dry	1	3/17/2009 2:21:00 PM	MAM
Dibenzo(a,h)anthracene	NELAP	0.0410		ND	mg/Kg-dry	1	3/17/2009 2:21:00 PM	MAM
Fluoranthene	NELAP	0.0410		ND	mg/Kg-dry	1	3/17/2009 2:21:00 PM	MAM
Fluorene	NELAP	0.0410		ND	mg/Kg-dry	1	3/17/2009 2:21:00 PM	MAM
Pyrene	NELAP	0.0410		ND	mg/Kg-dry	1	3/17/2009 2:21:00 PM	MAM
TPH-DRO (C10 - C21)		14.5		ND	mg/Kg-dry	1	3/17/2009 2:21:00 PM	MAM
TPH-ORO (C21 - C35)		14.5		ND	mg/Kg-dry	1	3/17/2009 2:21:00 PM	MAM
Surr: 2-Fluorobiphenyl		12-133		64.4	%REC	1	3/17/2009 2:21:00 PM	MAM
Surr: Nitrobenzene-d5		30.9-115		60.5	%REC	1	3/17/2009 2:21:00 PM	MAM
Surr: p-Terphenyl-d14		31.5-137		71.4	%REC	1	3/17/2009 2:21:00 PM	MAM
SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
1,1,1,2-Tetrachloroethane	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
1,1,1-Trichloroethane	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
1,1,2,2-Tetrachloroethane	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
1,1,2-Trichloro-1,2,2-trifluoroethane		5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
1,1,2-Trichloroethane	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
1,1-Dichloro-2-propanone		57.3		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
1,1-Dichloroethane	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
1,1-Dichloroethene	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
1,1-Dichloropropene	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
1,2,3-Trichlorobenzene	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
1,2,3-Trichloropropane	NELAP	11.5		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
1,2,3-Trimethylbenzene		5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
1,2,4-Trichlorobenzene	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
1,2,4-Trimethylbenzene	NELAP	5.73	J	3.3	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
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LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-001
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-1-SS
Collection Date: 3/12/2009 9:17:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
1,2-Dibromo-3-chloropropane	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
1,2-Dibromoethane	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
1,2-Dichlorobenzene	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
1,2-Dichloroethane	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
1,2-Dichloropropane	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
1,3,5-Trimethylbenzene	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
1,3-Dichlorobenzene	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
1,3-Dichloropropane	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
1,4-Dichlorobenzene	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
1-Chlorobutane	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
2,2-Dichloropropane	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
2-Butanone	NELAP	57.3		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
2-Chlorotoluene	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
2-Hexanone	NELAP	57.3		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
2-Nitropropane	NELAP	57.3		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
4-Chlorotoluene	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
4-Methyl-2-pentanone	NELAP	57.3		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Acetone	NELAP	57.3		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Acetonitrile	NELAP	115		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Acrolein	NELAP	115		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Acrylonitrile	NELAP	11.5		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Allyl chloride	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Benzene	NELAP	1.15		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Bromobenzene	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Bromochloromethane	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Bromodichloromethane	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Bromoform	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Bromomethane	NELAP	11.5		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Carbon disulfide	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Carbon tetrachloride	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Chlorobenzene	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Chloroethane	NELAP	11.5		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Chloroform	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Chloromethane	NELAP	11.5		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
cis-1,2-Dichloroethene	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
cis-1,3-Dichloropropene	NELAP	4.59		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Cyclohexanone		115		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Dibromochloromethane	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA

TEKLAB, INC.

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-001
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-1-SS
Collection Date: 3/12/2009 9:17:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Dibromomethane	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Dichlorodifluoromethane	NELAP	11.5		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Diisopropyl ether		5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Ethyl acetate	NELAP	57.3		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Ethyl ether	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Ethyl methacrylate	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Ethylbenzene	NELAP	5.73	J	1.4	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Ethyl-tert-butyl ether		5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Heptane		22.9		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Hexachlorobutadiene	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Hexachloroethane	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Iodomethane	NELAP	11.5		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Isopropylbenzene	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
m,p-Xylenes	NELAP	5.73	J	4.6	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Methacrylonitrile	NELAP	57.3		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Methyl Methacrylate	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Methyl tert-butyl ether	NELAP	2.29		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Methylacrylate		11.5		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Methylene chloride	NELAP	5.73	J	3.3	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Naphthalene	NELAP	11.5		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
n-Butylbenzene	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
n-Hexane		22.9		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Nitrobenzene	NELAP	115		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
n-Propylbenzene	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
o-Xylene	NELAP	5.73	J	1.4	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Pentachloroethane	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
p-Isopropyltoluene	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Propionitrile	NELAP	57.3		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
sec-Butylbenzene	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Styrene	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
tert-Amyl methyl ether		5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
tert-Butyl alcohol		57.3		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
tert-Butylbenzene	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Tetrachloroethene	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Tetrahydrofuran	NELAP	57.3		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Toluene	NELAP	5.73	J	2.4	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
TPH - GRO (C6 - C10)		573		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
trans-1,2-Dichloroethene	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA

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LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-001
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-1-SS
Collection Date: 3/12/2009 9:17:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
trans-1,3-Dichloropropene	NELAP	4.59		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
trans-1,4-Dichloro-2-butene	NELAP	11.5		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Trichloroethene	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Trichlorofluoromethane	NELAP	5.73		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Vinyl acetate	NELAP	57.3		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Vinyl chloride	NELAP	2.29		ND	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Xylenes, Total	NELAP	5.73		6.06	µg/Kg-dry	1	3/17/2009 2:34:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		99.3	%REC	1	3/17/2009 2:34:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		94.8	%REC	1	3/17/2009 2:34:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		97.3	%REC	1	3/17/2009 2:34:00 PM	JSA
Surr: Toluene-d8		80.1-122		105.9	%REC	1	3/17/2009 2:34:00 PM	JSA

Sample Narrative

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LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-002
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-1-8 ft
Collection Date: 3/12/2009 9:22:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
ASTM D2974								
Percent Moisture		0.1		19.5	%	1	3/13/2009	MAB
STANDARD METHODS 18TH ED. 2540 G								
Total Solids		0.1		80.5	%	1	3/13/2009	MAB
SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
1,1,1,2-Tetrachloroethane	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
1,1,1-Trichloroethane	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
1,1,2,2-Tetrachloroethane	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
1,1,2-Trichloro-1,2,2-trifluoroethane		4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
1,1,2-Trichloroethane	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
1,1-Dichloro-2-propanone		47.0		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
1,1-Dichloroethane	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
1,1-Dichloroethene	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
1,1-Dichloropropene	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
1,2,3-Trichlorobenzene	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
1,2,3-Trichloropropane	NELAP	9.40		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
1,2,3-Trimethylbenzene		4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
1,2,4-Trichlorobenzene	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
1,2,4-Trimethylbenzene	NELAP	4.70	J	2.3	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
1,2-Dibromo-3-chloropropane	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
1,2-Dibromoethane	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
1,2-Dichlorobenzene	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
1,2-Dichloroethane	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
1,2-Dichloropropane	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
1,3,5-Trimethylbenzene	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
1,3-Dichlorobenzene	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
1,3-Dichloropropane	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
1,4-Dichlorobenzene	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
1-Chlorobutane	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
2,2-Dichloropropane	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
2-Butanone	NELAP	47.0		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
2-Chlorotoluene	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
2-Hexanone	NELAP	47.0		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
2-Nitropropane	NELAP	47.0		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
4-Chlorotoluene	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
4-Methyl-2-pentanone	NELAP	47.0		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Acetone	NELAP	47.0		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Acetonitrile	NELAP	94.0		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Acrolein	NELAP	94.0		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA

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COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-002
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-1-8 ft
Collection Date: 3/12/2009 9:22:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acrylonitrile	NELAP	9.40		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Allyl chloride	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Benzene	NELAP	0.940		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Bromobenzene	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Bromochloromethane	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Bromodichloromethane	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Bromoform	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Bromomethane	NELAP	9.40		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Carbon disulfide	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Carbon tetrachloride	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Chlorobenzene	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Chloroethane	NELAP	9.40		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Chloroform	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Chloromethane	NELAP	9.40		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
cis-1,2-Dichloroethene	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
cis-1,3-Dichloropropene	NELAP	3.76		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Cyclohexanone		94.0		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Dibromochloromethane	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Dibromomethane	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Dichlorodifluoromethane	NELAP	9.40		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Diisopropyl ether		4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Ethyl acetate	NELAP	47.0		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Ethyl ether	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Ethyl methacrylate	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Ethylbenzene	NELAP	4.70	J	0.98	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Ethyl-tert-butyl ether		4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Heptane		18.8		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Hexachlorobutadiene	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Hexachloroethane	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Iodomethane	NELAP	9.40		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Isopropylbenzene	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
m,p-Xylenes	NELAP	4.70	J	3.2	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Methacrylonitrile	NELAP	47.0		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Methyl Methacrylate	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Methyl tert-butyl ether	NELAP	1.88		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Methylacrylate		9.40		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Methylene chloride	NELAP	4.70	J	1.9	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Naphthalene	NELAP	9.40		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA

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LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-002
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-1-8 ft
Collection Date: 3/12/2009 9:22:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
n-Butylbenzene	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
n-Hexane		18.8		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Nitrobenzene	NELAP	94.0		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
n-Propylbenzene	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
o-Xylene	NELAP	4.70	J	1.0	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Pentachloroethane	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
p-Isopropyltoluene	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Propionitrile	NELAP	47.0		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
sec-Butylbenzene	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Styrene	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
tert-Amyl methyl ether		4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
tert-Butyl alcohol		47.0		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
tert-Butylbenzene	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Tetrachloroethene	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Tetrahydrofuran	NELAP	47.0		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Toluene	NELAP	4.70	J	1.4	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
TPH - GRO (C6 - C10)		470		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
trans-1,2-Dichloroethene	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
trans-1,3-Dichloropropene	NELAP	3.76		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
trans-1,4-Dichloro-2-butene	NELAP	9.40		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Trichloroethene	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Trichlorofluoromethane	NELAP	4.70		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Vinyl acetate	NELAP	47.0		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Vinyl chloride	NELAP	1.88		ND	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Xylenes, Total	NELAP	4.70	J	4.2	µg/Kg-dry	1	3/17/2009 3:00:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		113.8	%REC	1	3/17/2009 3:00:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		96.6	%REC	1	3/17/2009 3:00:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		100.6	%REC	1	3/17/2009 3:00:00 PM	JSA
Surr: Toluene-d8		80.1-122		103.8	%REC	1	3/17/2009 3:00:00 PM	JSA

Sample Narrative

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-003
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-2-SS
Collection Date: 3/12/2009 9:44:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
ASTM D2974								
Percent Moisture		0.1		18.6	%	1	3/13/2009	MAB
STANDARD METHODS 18TH ED. 2540 G								
Total Solids		0.1		81.4	%	1	3/13/2009	MAB
SW-846 3050B, 6010B, METALS BY ICP								
Arsenic	NELAP	2.40		8.39	mg/Kg-dry	1	3/17/2009 1:45:08 PM	LAL
Lead	NELAP	3.85		55.2	mg/Kg-dry	1	3/17/2009 1:45:08 PM	LAL
SW-846 3550B, 8270C SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.0416		ND	mg/Kg-dry	1	3/17/2009 2:50:00 PM	MAM
Anthracene	NELAP	0.0416		ND	mg/Kg-dry	1	3/17/2009 2:50:00 PM	MAM
Benzo(a)anthracene	NELAP	0.0416		ND	mg/Kg-dry	1	3/17/2009 2:50:00 PM	MAM
Benzo(a)pyrene	NELAP	0.0416		ND	mg/Kg-dry	1	3/17/2009 2:50:00 PM	MAM
Benzo(b)fluoranthene	NELAP	0.0416		ND	mg/Kg-dry	1	3/17/2009 2:50:00 PM	MAM
Benzo(k)fluoranthene	NELAP	0.0416		ND	mg/Kg-dry	1	3/17/2009 2:50:00 PM	MAM
Chrysene	NELAP	0.0416		ND	mg/Kg-dry	1	3/17/2009 2:50:00 PM	MAM
Dibenzo(a,h)anthracene	NELAP	0.0416		ND	mg/Kg-dry	1	3/17/2009 2:50:00 PM	MAM
Fluoranthene	NELAP	0.0416		0.0691	mg/Kg-dry	1	3/17/2009 2:50:00 PM	MAM
Fluorene	NELAP	0.0416		ND	mg/Kg-dry	1	3/17/2009 2:50:00 PM	MAM
Pyrene	NELAP	0.0416		0.0587	mg/Kg-dry	1	3/17/2009 2:50:00 PM	MAM
TPH-DRO (C10 - C21)		14.7		ND	mg/Kg-dry	1	3/17/2009 2:50:00 PM	MAM
TPH-ORO (C21 - C35)		14.7	J	13	mg/Kg-dry	1	3/17/2009 2:50:00 PM	MAM
Surr: 2-Fluorobiphenyl		12-133		66.0	%REC	1	3/17/2009 2:50:00 PM	MAM
Surr: Nitrobenzene-d5		30.9-115		62.5	%REC	1	3/17/2009 2:50:00 PM	MAM
Surr: p-Terphenyl-d14		31.5-137		69.4	%REC	1	3/17/2009 2:50:00 PM	MAM
SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
1,1,1,2-Tetrachloroethane	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
1,1,1-Trichloroethane	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
1,1,2,2-Tetrachloroethane	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
1,1,2-Trichloro-1,2,2-trifluoroethane		5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
1,1,2-Trichloroethane	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
1,1-Dichloro-2-propanone		52.3		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
1,1-Dichloroethane	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
1,1-Dichloroethene	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
1,1-Dichloropropene	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
1,2,3-Trichlorobenzene	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
1,2,3-Trichloropropane	NELAP	10.5		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
1,2,3-Trimethylbenzene		5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
1,2,4-Trichlorobenzene	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
1,2,4-Trimethylbenzene	NELAP	5.23	J	2.8	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA

TEKLAB, INC.

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-003
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-2-SS
Collection Date: 3/12/2009 9:44:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
1,2-Dibromo-3-chloropropane	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
1,2-Dibromoethane	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
1,2-Dichlorobenzene	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
1,2-Dichloroethane	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
1,2-Dichloropropane	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
1,3,5-Trimethylbenzene	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
1,3-Dichlorobenzene	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
1,3-Dichloropropane	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
1,4-Dichlorobenzene	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
1-Chlorobutane	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
2,2-Dichloropropane	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
2-Butanone	NELAP	52.3		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
2-Chlorotoluene	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
2-Hexanone	NELAP	52.3		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
2-Nitropropane	NELAP	52.3		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
4-Chlorotoluene	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
4-Methyl-2-pentanone	NELAP	52.3		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Acetone	NELAP	52.3	J	10	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Acetonitrile	NELAP	105		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Acrolein	NELAP	105		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Acrylonitrile	NELAP	10.5		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Allyl chloride	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Benzene	NELAP	1.05		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Bromobenzene	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Bromochloromethane	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Bromodichloromethane	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Bromoform	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Bromomethane	NELAP	10.5		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Carbon disulfide	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Carbon tetrachloride	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Chlorobenzene	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Chloroethane	NELAP	10.5		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Chloroform	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Chloromethane	NELAP	10.5		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
cis-1,2-Dichloroethene	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
cis-1,3-Dichloropropene	NELAP	4.19		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Cyclohexenone		105		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Dibromochloromethane	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA

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COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-003
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-2-SS
Collection Date: 3/12/2009 9:44:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Dibromomethane	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Dichlorodifluoromethane	NELAP	10.5		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Diisopropyl ether		5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Ethyl acetate	NELAP	52.3		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Ethyl ether	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Ethyl methacrylate	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Ethylbenzene	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Ethyl-tert-butyl ether		5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Heptane		20.9		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Hexachlorobutadiene	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Hexachloroethane	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Iodomethane	NELAP	10.5		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Isopropylbenzene	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
m,p-Xylenes	NELAP	5.23	J	2.8	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Methacrylonitrile	NELAP	52.3		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Methyl Methacrylate	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Methyl tert-butyl ether	NELAP	2.09		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Methylacrylate		10.5		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Methylene chloride	NELAP	5.23	J	2.6	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Naphthalene	NELAP	10.5		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
n-Butylbenzene	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
n-Hexane		20.9		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Nitrobenzene	NELAP	105		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
n-Propylbenzene	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
o-Xylene	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Pentachloroethane	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
p-Isopropyltoluene	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Propionitrile	NELAP	52.3		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
sec-Butylbenzene	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Styrene	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
tert-Amyl methyl ether		5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
tert-Butyl alcohol		52.3		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
tert-Butylbenzene	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Tetrachloroethene	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Tetrahydrofuran	NELAP	52.3		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Toluene	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
TPH - GRO (C8 - C10)		523	J	170	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
trans-1,2-Dichloroethene	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-003
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-2-SS
Collection Date: 3/12/2009 9:44:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
trans-1,3-Dichloropropene	NELAP	4.19		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
trans-1,4-Dichloro-2-butene	NELAP	10.5		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Trichloroethene	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Trichlorofluoromethane	NELAP	5.23		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Vinyl acetate	NELAP	52.3		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Vinyl chloride	NELAP	2.09		ND	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Xylenes, Total	NELAP	5.23	J	2.8	µg/Kg-dry	1	3/17/2009 3:27:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		105.4	%REC	1	3/17/2009 3:27:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		88.2	%REC	1	3/17/2009 3:27:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		99.8	%REC	1	3/17/2009 3:27:00 PM	JSA
Surr: Toluene-d8		80.1-122		111.0	%REC	1	3/17/2009 3:27:00 PM	JSA

Sample Narrative

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-004
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-2-9 ft
Collection Date: 3/12/2009 9:54:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
ASTM D2974								
Percent Moisture		0.1		24.6	%	1	3/13/2009	MAB
STANDARD METHODS 18TH ED. 2540 G								
Total Solids		0.1		75.4	%	1	3/13/2009	MAB
SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
1,1,1,2-Tetrachloroethane	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
1,1,1-Trichloroethane	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
1,1,2,2-Tetrachloroethane	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
1,1,2-Trichloroethane	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
1,1-Dichloro-2-propanone		67.0		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
1,1-Dichloroethane	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
1,1-Dichloroethene	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
1,1-Dichloropropene	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
1,2,3-Trichlorobenzene	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
1,2,3-Trichloropropane	NELAP	13.4		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
1,2,3-Trimethylbenzene		6.70	J	1.5	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
1,2,4-Trichlorobenzene	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
1,2,4-Trimethylbenzene	NELAP	6.70	J	4.8	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
1,2-Dibromo-3-chloropropane	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
1,2-Dibromoethane	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
1,2-Dichlorobenzene	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
1,2-Dichloroethane	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
1,2-Dichloropropane	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
1,3,5-Trimethylbenzene	NELAP	6.70	J	1.6	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
1,3-Dichlorobenzene	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
1,3-Dichloropropane	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
1,4-Dichlorobenzene	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
1-Chlorobutane	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
2,2-Dichloropropane	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
2-Butanone	NELAP	67.0		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
2-Chlorotoluene	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
2-Hexanone	NELAP	67.0		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
2-Nitropropane	NELAP	67.0		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
4-Chlorotoluene	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
4-Methyl-2-pentanone	NELAP	67.0		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Acetone	NELAP	67.0	J	44	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Acetonitrile	NELAP	134		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Acrolein	NELAP	134		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE

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5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-004
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-2-9 ft
Collection Date: 3/12/2009 9:54:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acrylonitrile	NELAP	13.4		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Allyl chloride	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Benzene	NELAP	1.34		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Bromobenzene	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Bromochloromethane	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Bromodichloromethane	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Bromoform	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Bromomethane	NELAP	13.4		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Carbon disulfide	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Carbon tetrachloride	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Chlorobenzene	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Chloroethane	NELAP	13.4		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Chloroform	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Chloromethane	NELAP	13.4		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
cis-1,2-Dichloroethene	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
cis-1,3-Dichloropropene	NELAP	5.36		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Cyclohexanone		134		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Dibromochloromethane	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Dibromomethane	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Dichlorodifluoromethane	NELAP	13.4		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Diisopropyl ether		6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Ethyl acetate	NELAP	67.0		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Ethyl ether	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Ethyl methacrylate	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Ethylbenzene	NELAP	6.70	J	2.5	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Ethyl-tert-butyl ether		6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Heptane		26.8		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Hexachlorobutadiene	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Hexachloroethane	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Iodomethane	NELAP	13.4		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Isopropylbenzene	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
m,p-Xylenes	NELAP	6.70		8.76	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Methacrylonitrile	NELAP	67.0		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Methyl Methacrylate	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Methyl tert-butyl ether	NELAP	2.68		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Methylacrylate		13.4		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Methylene chloride	NELAP	6.70	J	1.8	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Naphthalene	NELAP	13.4		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE

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LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-004
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-2-9 ft
Collection Date: 3/12/2009 9:54:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
n-Butylbenzene	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
n-Hexane		26.8		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Nitrobenzene	NELAP	134		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
n-Propylbenzene	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
o-Xylene	NELAP	6.70	J	3.1	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Pentachloroethane	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
p-Isopropyltoluene	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Propionitrile	NELAP	67.0		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
sec-Butylbenzene	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Styrene	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
tert-Amyl methyl ether		6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
tert-Butyl alcohol		67.0		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
tert-Butylbenzene	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Tetrachloroethene	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Tetrahydrofuran	NELAP	67.0		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Toluene	NELAP	6.70	J	4.1	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
TPH - GRO (C6 - C10)		670		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
trans-1,2-Dichloroethene	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
trans-1,3-Dichloropropene	NELAP	5.36		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
trans-1,4-Dichloro-2-butene	NELAP	13.4		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Trichloroethene	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Trichlorofluoromethane	NELAP	6.70		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Vinyl acetate	NELAP	67.0		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Vinyl chloride	NELAP	2.68		ND	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Xylenes, Total	NELAP	6.70		11.8	µg/Kg-dry	1	3/18/2009 11:39:00 AM	RWE
Surr: 1,2-Dichloroethane-d4		61-128		97.8	%REC	1	3/18/2009 11:39:00 AM	RWE
Surr: 4-Bromofluorobenzene		76.2-117		90.3	%REC	1	3/18/2009 11:39:00 AM	RWE
Surr: Dibromofluoromethane		66.6-130		100.3	%REC	1	3/18/2009 11:39:00 AM	RWE
Surr: Toluene-d8		80.1-122		104.0	%REC	1	3/18/2009 11:39:00 AM	RWE

Sample Narrative

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TEL: 618-344-1004
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LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-005
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-3-SS
Collection Date: 3/12/2009 10:17:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
ASTM D2974								
Percent Moisture		0.1		17.6	%	1	3/13/2009	MAB
STANDARD METHODS 18TH ED. 2540 G								
Total Solids		0.1		82.4	%	1	3/13/2009	MAB
SW-846 3050B, 6010B, METALS BY ICP								
Arsenic	NELAP	2.36		13.3	mg/Kg-dry	1	3/17/2009 1:51:48 PM	LAL
Lead	NELAP	3.77	S	1020	mg/Kg-dry	1	3/17/2009 1:51:48 PM	LAL
SW-846 3550B, 8270C SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.0418	J	0.042	mg/Kg-dry	1	3/17/2009 3:19:00 PM	MAM
Anthracene	NELAP	0.0418		0.129	mg/Kg-dry	1	3/17/2009 3:19:00 PM	MAM
Benzo(a)anthracene	NELAP	0.0418		0.467	mg/Kg-dry	1	3/17/2009 3:19:00 PM	MAM
Benzo(a)pyrene	NELAP	0.0418		0.581	mg/Kg-dry	1	3/17/2009 3:19:00 PM	MAM
Benzo(b)fluoranthene	NELAP	0.0418		0.665	mg/Kg-dry	1	3/17/2009 3:19:00 PM	MAM
Benzo(k)fluoranthene	NELAP	0.0418		0.279	mg/Kg-dry	1	3/17/2009 3:19:00 PM	MAM
Chrysene	NELAP	0.0418		0.523	mg/Kg-dry	1	3/17/2009 3:19:00 PM	MAM
Dibenzo(a,h)anthracene	NELAP	0.0418		ND	mg/Kg-dry	1	3/17/2009 3:19:00 PM	MAM
Fluoranthene	NELAP	0.0418		1.01	mg/Kg-dry	1	3/17/2009 3:19:00 PM	MAM
Fluorene	NELAP	0.0418		0.0865	mg/Kg-dry	1	3/17/2009 3:19:00 PM	MAM
Pyrene	NELAP	0.0418		0.910	mg/Kg-dry	1	3/17/2009 3:19:00 PM	MAM
TPH-DRO (C10 - C21)		14.8	J	12	mg/Kg-dry	1	3/17/2009 3:19:00 PM	MAM
TPH-ORO (C21 - C35)		14.8		30.1	mg/Kg-dry	1	3/17/2009 3:19:00 PM	MAM
Surr: 2-Fluorobiphenyl		12-133		69.5	%REC	1	3/17/2009 3:19:00 PM	MAM
Surr: Nitrobenzene-d5		30.9-115		62.2	%REC	1	3/17/2009 3:19:00 PM	MAM
Surr: p-Terphenyl-d14		31.5-137		71.7	%REC	1	3/17/2009 3:19:00 PM	MAM
SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
1,1,1,2-Tetrachloroethane	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
1,1,1-Trichloroethane	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
1,1,2,2-Tetrachloroethane	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
1,1,2-Trichloro-1,2,2-trifluoroethane		132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
1,1,2-Trichloroethane	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
1,1-Dichloro-2-propanone		1320		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
1,1-Dichloroethane	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
1,1-Dichloroethene	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
1,1-Dichloropropene	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
1,2,3-Trichlorobenzene	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
1,2,3-Trichloropropane	NELAP	263		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
1,2,3-Trimethylbenzene		132		3800	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
1,2,4-Trichlorobenzene	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
1,2,4-Trimethylbenzene	NELAP	527		9570	µg/Kg-dry	50	3/19/2009 3:19:00 PM	RWE

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
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LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-005
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-3-SS
Collection Date: 3/12/2009 10:17:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
1,2-Dibromo-3-chloropropane	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
1,2-Dibromoethane	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
1,2-Dichlorobenzene	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
1,2-Dichloroethane	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
1,2-Dichloropropane	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
1,3,5-Trimethylbenzene	NELAP	132		3240	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
1,3-Dichlorobenzene	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
1,3-Dichloropropane	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
1,4-Dichlorobenzene	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
1-Chlorobutane	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
2,2-Dichloropropane	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
2-Butanone	NELAP	1320	J	920	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
2-Chlorotoluene	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
2-Hexanone	NELAP	1320		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
2-Nitropropane	NELAP	1320		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
4-Chlorotoluene	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
4-Methyl-2-pentanone	NELAP	1320		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Acetone	NELAP	1320	J	650	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Acetonitrile	NELAP	2630		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Acrolein	NELAP	2630		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Acrylonitrile	NELAP	263		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Allyl chloride	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Benzene	NELAP	26.3		71.9	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Bromobenzene	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Bromochloromethane	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Bromodichloromethane	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Bromoform	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Bromomethane	NELAP	263		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Carbon disulfide	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Carbon tetrachloride	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Chlorobenzene	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Chloroethane	NELAP	263		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Chloroform	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Chloromethane	NELAP	263		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
cis-1,2-Dichloroethene	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
cis-1,3-Dichloropropene	NELAP	105		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Cyclohexanone		2630		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Dibromochloromethane	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA

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LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-005
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-3-SS
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Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Dibromomethane	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Dichlorodifluoromethane	NELAP	263		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Diisopropyl ether		132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Ethyl acetate	NELAP	1320		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Ethyl ether	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Ethyl methacrylate	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Ethylbenzene	NELAP	132		1190	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Ethyl-tert-butyl ether		132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Heptane		527		2550	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Hexachlorobutadiene	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Hexachloroethane	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Iodomethane	NELAP	263		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Isopropylbenzene	NELAP	132		372	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
m,p-Xylenes	NELAP	132		3780	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Methacrylonitrile	NELAP	1320		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Methyl Methacrylate	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Methyl tert-butyl ether	NELAP	52.7		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Methylacrylate		263		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Methylene chloride	NELAP	132	J	50	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Naphthalene	NELAP	263		3940	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
n-Butylbenzene	NELAP	132		828	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
n-Hexane		527		1140	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Nitrobenzene	NELAP	2630		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
n-Propylbenzene	NELAP	132		1090	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
o-Xylene	NELAP	132		2840	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Pentachloroethane	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
p-Isopropyltoluene	NELAP	132		407	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Propionitrile	NELAP	1320		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
sec-Butylbenzene	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Styrene	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
tert-Amyl methyl ether		132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
tert-Butyl alcohol		1320		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
tert-Butylbenzene	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Tetrachloroethene	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Tetrahydrofuran	NELAP	1320		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Toluene	NELAP	132		241	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
TPH - GRO (C6 - C10)		13200		246000	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
trans-1,2-Dichloroethene	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA

TEKLAB, INC.

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-005
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-3-SS
Collection Date: 3/12/2009 10:17:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
trans-1,3-Dichloropropene	NELAP	105		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
trans-1,4-Dichloro-2-butene	NELAP	263		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Trichloroethene	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Trichlorofluoromethane	NELAP	132		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Vinyl acetate	NELAP	1320		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Vinyl chloride	NELAP	52.7		ND	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Xylenes, Total	NELAP	132		6620	µg/Kg-dry	12.5	3/17/2009 4:20:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		105.6	%REC	12.5	3/17/2009 4:20:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		95.8	%REC	12.5	3/17/2009 4:20:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		97.7	%REC	12.5	3/17/2009 4:20:00 PM	JSA
Surr: Toluene-d8		80.1-122		102.5	%REC	12.5	3/17/2009 4:20:00 PM	JSA

Sample Narrative

SW-846 3050B, 6010B, Metals by ICP

Pb - Sample concentration was greater than 5 times the spike concentration.

SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

Elevated reporting limits due to high levels in the GRO range.

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TEL: 618-344-1004
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LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-006
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-3-7 ft
Collection Date: 3/12/2009 10:30:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
ASTM D2974								
Percent Moisture		0.1		16.8	%	1	3/13/2009	MAB
STANDARD METHODS 18TH ED. 2540 G								
Total Solids		0.1		83.2	%	1	3/13/2009	MAB
SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
1,1,1,2-Tetrachloroethane	NELAP	119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
1,1,1-Trichloroethane	NELAP	119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
1,1,2,2-Tetrachloroethane	NELAP	119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
1,1,2-Trichloro-1,2,2-trifluoroethane		119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
1,1,2-Trichloroethane	NELAP	119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
1,1-Dichloro-2-propanone		1190		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
1,1-Dichloroethane	NELAP	119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
1,1-Dichloroethene	NELAP	119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
1,1-Dichloropropene	NELAP	119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
1,2,3-Trichlorobenzene	NELAP	119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
1,2,3-Trichloropropane	NELAP	239		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
1,2,3-Trimethylbenzene		119		441	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
1,2,4-Trichlorobenzene	NELAP	119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
1,2,4-Trimethylbenzene	NELAP	119		140	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
1,2-Dibromo-3-chloropropane	NELAP	119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
1,2-Dibromoethane	NELAP	119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
1,2-Dichlorobenzene	NELAP	119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
1,2-Dichloroethane	NELAP	119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
1,2-Dichloropropane	NELAP	119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
1,3,5-Trimethylbenzene	NELAP	119	J	70	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
1,3-Dichlorobenzene	NELAP	119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
1,3-Dichloropropane	NELAP	119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
1,4-Dichlorobenzene	NELAP	119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
1-Chlorobutane	NELAP	119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
2,2-Dichloropropane	NELAP	119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
2-Butanone	NELAP	1190		1610	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
2-Chlorotoluene	NELAP	119		354	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
2-Hexanone	NELAP	1190		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
2-Nitropropane	NELAP	1190		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
4-Chlorotoluene	NELAP	119		202	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
4-Methyl-2-pentanone	NELAP	1190		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Acetone	NELAP	1190	J	570	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Acetonitrile	NELAP	2390		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Acrolein	NELAP	2390		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA

TEKLAB, INC.

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
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LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-006
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-3-7 ft
Collection Date: 3/12/2009 10:30:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acrylonitrile	NELAP	239		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Allyl chloride	NELAP	119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Benzene	NELAP	23.9		59.4	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Bromobenzene	NELAP	119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Bromochloromethane	NELAP	119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Bromodichloromethane	NELAP	119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Bromoform	NELAP	119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Bromomethane	NELAP	239		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Carbon disulfide	NELAP	119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Carbon tetrachloride	NELAP	119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Chlorobenzene	NELAP	119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Chloroethane	NELAP	239		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Chloroform	NELAP	119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Chloromethane	NELAP	239		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
cis-1,2-Dichloroethene	NELAP	119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
cis-1,3-Dichloropropene	NELAP	95.5		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Cyclohexanone		2390		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Dibromochloromethane	NELAP	119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Dibromomethane	NELAP	119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Dichlorodifluoromethane	NELAP	239		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Diisopropyl ether		119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Ethyl acetate	NELAP	1190		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Ethyl ether	NELAP	119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Ethyl methacrylate	NELAP	119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Ethylbenzene	NELAP	119		157	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Ethyl-tert-butyl ether		119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Heptane		477		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Hexachlorobutadiene	NELAP	119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Hexachloroethane	NELAP	119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Iodomethane	NELAP	239		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Isopropylbenzene	NELAP	119		161	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
m,p-Xylenes	NELAP	119		198	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Methacrylonitrile	NELAP	1190		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Methyl Methacrylate	NELAP	119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Methyl tert-butyl ether	NELAP	47.7		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Methylacrylate		239		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Methylene chloride	NELAP	119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Naphthalene	NELAP	239	J	100	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA

TEKLAB, INC.

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-006
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-3-7 ft
Collection Date: 3/12/2009 10:30:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
n-Butylbenzene	NELAP	119		371	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
n-Hexane		477	J	230	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Nitrobenzene	NELAP	2390		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
n-Propylbenzene	NELAP	119		343	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
o-Xylene	NELAP	119		253	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Pentachloroethane	NELAP	119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
p-Isopropyltoluene	NELAP	119	J	30	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Propionitrile	NELAP	1190		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
sec-Butylbenzene	NELAP	119		134	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Styrene	NELAP	119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
tert-Amyl methyl ether		119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
tert-Butyl alcohol		1190		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
tert-Butylbenzene	NELAP	119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Tetrachloroethene	NELAP	119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Tetrahydrofuran	NELAP	1190		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Toluene	NELAP	119	J	38	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
TPH - GRO (C6 - C10)		11900		115000	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
trans-1,2-Dichloroethene	NELAP	119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
trans-1,3-Dichloropropene	NELAP	95.5		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
trans-1,4-Dichloro-2-butene	NELAP	239		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Trichloroethene	NELAP	119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Trichlorofluoromethane	NELAP	119		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Vinyl acetate	NELAP	1190		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Vinyl chloride	NELAP	47.7		ND	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Xylenes, Total	NELAP	119		451	µg/Kg-dry	12.5	3/17/2009 4:47:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		106.0	%REC	12.5	3/17/2009 4:47:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		95.6	%REC	12.5	3/17/2009 4:47:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		100.2	%REC	12.5	3/17/2009 4:47:00 PM	JSA
Surr: Toluene-d8		80.1-122		101.1	%REC	12.5	3/17/2009 4:47:00 PM	JSA

Sample Narrative
SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS
Elevated reporting limits due to high levels in the GRO range.

TEKLAB, INC.

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-007
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-4-SS
Collection Date: 3/12/2009 10:45:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
ASTM D2974								
Percent Moisture		0.1		10.3	%	1	3/13/2009	MAB
STANDARD METHODS 18TH ED. 2540 G								
Total Solids		0.1		89.7	%	1	3/13/2009	MAB
SW-846 3050B, 6010B, METALS BY ICP								
Arsenic	NELAP	2.40		7.66	mg/Kg-dry	1	3/18/2009 2:22:00 PM	JMW
Lead	NELAP	3.85		2700	mg/Kg-dry	1	3/17/2009 2:31:29 PM	LAL
SW-846 3550B, 8270C SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.0389		0.112	mg/Kg-dry	1	3/17/2009 3:48:00 PM	MAM
Anthracene	NELAP	0.0389		0.171	mg/Kg-dry	1	3/17/2009 3:48:00 PM	MAM
Benzo(a)anthracene	NELAP	0.0389		0.216	mg/Kg-dry	1	3/17/2009 3:48:00 PM	MAM
Benzo(a)pyrene	NELAP	0.0389		0.201	mg/Kg-dry	1	3/17/2009 3:48:00 PM	MAM
Benzo(b)fluoranthene	NELAP	0.0389		0.242	mg/Kg-dry	1	3/17/2009 3:48:00 PM	MAM
Benzo(k)fluoranthene	NELAP	0.0389		0.0818	mg/Kg-dry	1	3/17/2009 3:48:00 PM	MAM
Chrysene	NELAP	0.0389		0.217	mg/Kg-dry	1	3/17/2009 3:48:00 PM	MAM
Dibenzo(a,h)anthracene	NELAP	0.0389		ND	mg/Kg-dry	1	3/17/2009 3:48:00 PM	MAM
Fluoranthene	NELAP	0.0389		0.570	mg/Kg-dry	1	3/17/2009 3:48:00 PM	MAM
Fluorene	NELAP	0.0389		0.0847	mg/Kg-dry	1	3/17/2009 3:48:00 PM	MAM
Pyrene	NELAP	0.0389		0.500	mg/Kg-dry	1	3/17/2009 3:48:00 PM	MAM
TPH-DRO (C10 - C21)		13.7	J	9.0	mg/Kg-dry	1	3/17/2009 3:48:00 PM	MAM
TPH-ORO (C21 - C35)		13.7	J	8.0	mg/Kg-dry	1	3/17/2009 3:48:00 PM	MAM
Surr: 2-Fluorobiphenyl		12-133		59.5	%REC	1	3/17/2009 3:48:00 PM	MAM
Surr: Nitrobenzene-d5		30.9-115		56.9	%REC	1	3/17/2009 3:48:00 PM	MAM
Surr: p-Terphenyl-d14		31.5-137		72.0	%REC	1	3/17/2009 3:48:00 PM	MAM
SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
1,1,1,2-Tetrachloroethane	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
1,1,1-Trichloroethane	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
1,1,2,2-Tetrachloroethane	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
1,1,2-Trichloro-1,2,2-trifluoroethane		4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
1,1,2-Trichloroethane	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
1,1-Dichloro-2-propanone		47.1		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
1,1-Dichloroethane	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
1,1-Dichloroethene	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
1,1-Dichloropropene	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
1,2,3-Trichlorobenzene	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
1,2,3-Trichloropropane	NELAP	9.42		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
1,2,3-Trimethylbenzene		4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
1,2,4-Trichlorobenzene	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
1,2,4-Trimethylbenzene	NELAP	4.71	J	2.6	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA

TEKLAB, INC.

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-007
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-4-SS
Collection Date: 3/12/2009 10:45:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
1,2-Dibromo-3-chloropropane	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
1,2-Dibromoethane	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
1,2-Dichlorobenzene	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
1,2-Dichloroethane	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
1,2-Dichloropropane	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
1,3,5-Trimethylbenzene	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
1,3-Dichlorobenzene	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
1,3-Dichloropropane	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
1,4-Dichlorobenzene	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
1-Chlorobutane	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
2,2-Dichloropropane	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
2-Butanone	NELAP	47.1	J	10	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
2-Chlorotoluene	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
2-Hexanone	NELAP	47.1		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
2-Nitropropane	NELAP	47.1		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
4-Chlorotoluene	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
4-Methyl-2-pentanone	NELAP	47.1		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Acetone	NELAP	47.1		48.4	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Acetonitrile	NELAP	94.2		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Acrolein	NELAP	94.2		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Acrylonitrile	NELAP	9.42		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Allyl chloride	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Benzene	NELAP	0.942		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Bromobenzene	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Bromochloromethane	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Bromodichloromethane	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Bromoform	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Bromomethane	NELAP	9.42		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Carbon disulfide	NELAP	4.71	J	3.8	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Carbon tetrachloride	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Chlorobenzene	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Chloroethane	NELAP	9.42		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Chloroform	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Chloromethane	NELAP	9.42		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
cis-1,2-Dichloroethene	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
cis-1,3-Dichloropropene	NELAP	3.77		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Cyclohexanone		94.2		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Dibromochloromethane	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA

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LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-007
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-4-SS
Collection Date: 3/12/2009 10:45:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Dibromomethane	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Dichlorodifluoromethane	NELAP	9.42		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Diisopropyl ether		4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Ethyl acetate	NELAP	47.1		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Ethyl ether	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Ethyl methacrylate	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Ethylbenzene	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Ethyl-tert-butyl ether		4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Heptane		18.8		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Hexachlorobutadiene	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Hexachloroethane	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Iodomethane	NELAP	9.42		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Isopropylbenzene	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
m,p-Xylenes	NELAP	4.71	J	3.2	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Methacrylonitrile	NELAP	47.1		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Methyl Methacrylate	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Methyl tert-butyl ether	NELAP	1.88		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Methylacrylate		9.42		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Methylene chloride	NELAP	4.71	J	3.9	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Naphthalene	NELAP	9.42		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
n-Butylbenzene	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
n-Hexane		18.8		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Nitrobenzene	NELAP	94.2		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
n-Propylbenzene	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
o-Xylene	NELAP	4.71	J	1.0	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Pentachloroethane	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
p-Isopropyltoluene	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Propionitrile	NELAP	47.1		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
sec-Butylbenzene	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Styrene	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
tert-Amyl methyl ether		4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
tert-Butyl alcohol		47.1		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
tert-Butylbenzene	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Tetrachloroethene	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Tetrahydrofuran	NELAP	47.1		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Toluene	NELAP	4.71	J	2.4	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
TPH - GRO (C6 - C10)		471	J	280	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
trans-1,2-Dichloroethene	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA

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ENVIRONMENTAL TESTING LABORATORY

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LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-007
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-4-SS
Collection Date: 3/12/2009 10:45:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
trans-1,3-Dichloropropene	NELAP	3.77		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
trans-1,4-Dichloro-2-butene	NELAP	9.42		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Trichloroethene	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Trichlorofluoromethane	NELAP	4.71		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Vinyl acetate	NELAP	47.1		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Vinyl chloride	NELAP	1.88		ND	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Xylenes, Total	NELAP	4.71	J	4.2	µg/Kg-dry	1	3/17/2009 5:14:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		99.9	%REC	1	3/17/2009 5:14:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		94.0	%REC	1	3/17/2009 5:14:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		98.4	%REC	1	3/17/2009 5:14:00 PM	JSA
Surr: Toluene-d8		80.1-122		106.9	%REC	1	3/17/2009 5:14:00 PM	JSA

Sample Narrative

TEKLAB, INC.

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ENVIRONMENTAL TESTING LABORATORY

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LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-008
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-4-9 ft
Collection Date: 3/12/2009 11:00:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
ASTM D2974								
Percent Moisture		0.1		16.3	%	1	3/13/2009	MAB
STANDARD METHODS 18TH ED. 2540 G								
Total Solids		0.1		83.7	%	1	3/13/2009	MAB
SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
1,1,1,2-Tetrachloroethane	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
1,1,1-Trichloroethane	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
1,1,2,2-Tetrachloroethane	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
1,1,2-Trichloro-1,2,2-trifluoroethane		4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
1,1,2-Trichloroethane	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
1,1-Dichloro-2-propanone		44.2		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
1,1-Dichloroethane	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
1,1-Dichloroethene	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
1,1-Dichloropropene	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
1,2,3-Trichlorobenzene	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
1,2,3-Trichloropropane	NELAP	8.85		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
1,2,3-Trimethylbenzene		4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
1,2,4-Trichlorobenzene	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
1,2,4-Trimethylbenzene	NELAP	4.42	J	0.96	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
1,2-Dibromo-3-chloropropane	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
1,2-Dibromoethane	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
1,2-Dichlorobenzene	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
1,2-Dichloroethane	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
1,2-Dichloropropane	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
1,3,5-Trimethylbenzene	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
1,3-Dichlorobenzene	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
1,3-Dichloropropane	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
1,4-Dichlorobenzene	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
1-Chlorobutane	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
2,2-Dichloropropane	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
2-Butanone	NELAP	44.2		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
2-Chlorotoluene	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
2-Hexanone	NELAP	44.2		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
2-Nitropropane	NELAP	44.2		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
4-Chlorotoluene	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
4-Methyl-2-pentanone	NELAP	44.2		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Acetone	NELAP	44.2		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Acetonitrile	NELAP	88.5		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Acrolein	NELAP	88.5		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA

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LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: D9030449
Lab ID: 09030449-008
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-4-9 ft
Collection Date: 3/12/2009 11:00:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acrylonitrile	NELAP	8.85		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Allyl chloride	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Benzene	NELAP	0.885		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Bromobenzene	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Bromochloromethane	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Bromodichloromethane	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Bromoform	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Bromomethane	NELAP	8.85		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Carbon disulfide	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Carbon tetrachloride	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Chlorobenzene	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Chloroethane	NELAP	8.85		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Chloroform	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Chloromethane	NELAP	8.85		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
cis-1,2-Dichloroethene	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
cis-1,3-Dichloropropene	NELAP	3.54		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Cyclohexenone		88.5		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Dibromochloromethane	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Dibromomethane	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Dichlorodifluoromethane	NELAP	8.85		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Diisopropyl ether		4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Ethyl acetate	NELAP	44.2		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Ethyl ether	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Ethyl methacrylate	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Ethylbenzene	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Ethyl-tert-butyl ether		4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Heptane		17.7		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Hexachlorobutadiene	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Hexachloroethane	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Iodomethane	NELAP	8.85		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Isopropylbenzene	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
m,p-Xylenes	NELAP	4.42	J	1.4	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Methacrylonitrile	NELAP	44.2		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Methyl Methacrylate	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Methyl tert-butyl ether	NELAP	1.77		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Methylacrylate		8.85		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Methylene chloride	NELAP	4.42	J	3.3	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Naphthalene	NELAP	8.85		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-008
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-4-9 ft
Collection Date: 3/12/2009 11:00:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
n-Butylbenzene	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
n-Hexane		17.7		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Nitrobenzene	NELAP	88.5		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
n-Propylbenzene	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
o-Xylene	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Pentachloroethane	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
p-Isopropyltoluene	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Propionitrile	NELAP	44.2		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
sec-Butylbenzene	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Styrene	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
tert-Amyl methyl ether		4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
tert-Butyl alcohol		44.2		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
tert-Butylbenzene	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Tetrachloroethene	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Tetrahydrofuran	NELAP	44.2		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Toluene	NELAP	4.42	J	1.0	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
TPH - GRO (C6 - C10)		442		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
trans-1,2-Dichloroethene	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
trans-1,3-Dichloropropene	NELAP	3.54		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
trans-1,4-Dichloro-2-butene	NELAP	8.85		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Trichloroethene	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Trichlorofluoromethane	NELAP	4.42		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Vinyl acetate	NELAP	44.2		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Vinyl chloride	NELAP	1.77		ND	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Xylenes, Total	NELAP	4.42	J	1.4	µg/Kg-dry	1	3/17/2009 5:40:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		100.4	%REC	1	3/17/2009 5:40:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		95.1	%REC	1	3/17/2009 5:40:00 PM	JSA
Surr: Dibromofluoromethane		86.6-130		98.5	%REC	1	3/17/2009 5:40:00 PM	JSA
Surr: Toluene-d8		80.1-122		105.7	%REC	1	3/17/2009 5:40:00 PM	JSA

Sample Narrative

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-009
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-5-SS
Collection Date: 3/12/2009 11:45:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
ASTM D2974								
Percent Moisture		0.1		18.1	%	1	3/13/2009	MAB
STANDARD METHODS 18TH ED. 2540 G								
Total Solids		0.1		81.9	%	1	3/13/2009	MAB
SW-846 3050B, 6010B, METALS BY ICP								
Arsenic	NELAP	2.31		58.8	mg/Kg-dry	1	3/18/2009 2:00:42 PM	JMW
Lead	NELAP	3.70		686	mg/Kg-dry	1	3/18/2009 2:00:42 PM	JMW
SW-846 3550B, 8270C SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.0418		ND	mg/Kg-dry	1	3/17/2009 4:17:00 PM	MAM
Anthracene	NELAP	0.0418		ND	mg/Kg-dry	1	3/17/2009 4:17:00 PM	MAM
Benzo(a)anthracene	NELAP	0.0418		ND	mg/Kg-dry	1	3/17/2009 4:17:00 PM	MAM
Benzo(a)pyrene	NELAP	0.0418		ND	mg/Kg-dry	1	3/17/2009 4:17:00 PM	MAM
Benzo(b)fluoranthene	NELAP	0.0418		ND	mg/Kg-dry	1	3/17/2009 4:17:00 PM	MAM
Benzo(k)fluoranthene	NELAP	0.0418		ND	mg/Kg-dry	1	3/17/2009 4:17:00 PM	MAM
Chrysene	NELAP	0.0418		ND	mg/Kg-dry	1	3/17/2009 4:17:00 PM	MAM
Dibenzo(a,h)anthracene	NELAP	0.0418		ND	mg/Kg-dry	1	3/17/2009 4:17:00 PM	MAM
Fluoranthene	NELAP	0.0418		ND	mg/Kg-dry	1	3/17/2009 4:17:00 PM	MAM
Fluorene	NELAP	0.0418		ND	mg/Kg-dry	1	3/17/2009 4:17:00 PM	MAM
Pyrene	NELAP	0.0418		ND	mg/Kg-dry	1	3/17/2009 4:17:00 PM	MAM
TPH-DRO (C10 - C21)		14.7		ND	mg/Kg-dry	1	3/17/2009 4:17:00 PM	MAM
TPH-ORO (C21 - C35)		14.7		ND	mg/Kg-dry	1	3/17/2009 4:17:00 PM	MAM
Surr: 2-Fluorobiphenyl		12-133		65.6	%REC	1	3/17/2009 4:17:00 PM	MAM
Surr: Nitrobenzene-d5		30.9-115		68.0	%REC	1	3/17/2009 4:17:00 PM	MAM
Surr: p-Terphenyl-d14		31.5-137		73.0	%REC	1	3/17/2009 4:17:00 PM	MAM
SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
1,1,1,2-Tetrachloroethane	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
1,1,1-Trichloroethane	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
1,1,2,2-Tetrachloroethane	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
1,1,2-Trichloro-1,2,2-trifluoroethane		5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
1,1,2-Trichloroethane	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
1,1-Dichloro-2-propanone		50.0		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
1,1-Dichloroethane	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
1,1-Dichloroethene	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
1,1-Dichloropropene	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
1,2,3-Trichlorobenzene	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
1,2,3-Trichloropropane	NELAP	9.99		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
1,2,3-Trimethylbenzene		5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
1,2,4-Trichlorobenzene	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
1,2,4-Trimethylbenzene	NELAP	5.00	J	2.2	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA

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ENVIRONMENTAL TESTING LABORATORY

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LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-009
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-5-SS
Collection Date: 3/12/2009 11:45:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
1,2-Dibromo-3-chloropropane	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
1,2-Dibromoethane	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
1,2-Dichlorobenzene	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
1,2-Dichloroethane	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
1,2-Dichloropropane	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
1,3,5-Trimethylbenzene	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
1,3-Dichlorobenzene	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
1,3-Dichloropropane	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
1,4-Dichlorobenzene	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
1-Chlorobutane	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
2,2-Dichloropropane	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
2-Butanone	NELAP	50.0		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
2-Chlorotoluene	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
2-Hexanone	NELAP	50.0		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
2-Nitropropane	NELAP	50.0		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
4-Chlorotoluene	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
4-Methyl-2-pentanone	NELAP	50.0		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Acetone	NELAP	50.0		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Acetonitrile	NELAP	99.9		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Acrolein	NELAP	99.9		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Acrylonitrile	NELAP	9.99		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Allyl chloride	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Benzene	NELAP	0.999		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Bromobenzene	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Bromochloromethane	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Bromodichloromethane	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Bromoform	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Bromomethane	NELAP	9.99		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Carbon disulfide	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Carbon tetrachloride	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Chlorobenzene	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Chloroethane	NELAP	9.99		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Chloroform	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Chloromethane	NELAP	9.99		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
cis-1,2-Dichloroethene	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
cis-1,3-Dichloropropene	NELAP	4.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Cyclohexanone		99.9		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Dibromochloromethane	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA

TEKLAB, INC.

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COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-009
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-5-SS
Collection Date: 3/12/2009 11:45:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Dibromomethane	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Dichlorodifluoromethane	NELAP	9.99		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Diisopropyl ether		5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Ethyl acetate	NELAP	50.0		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Ethyl ether	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Ethyl methacrylate	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Ethylbenzene	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Ethyl-tert-butyl ether		5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Heptane		20.0		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Hexachlorobutadiene	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Hexachloroethane	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Iodomethane	NELAP	9.99		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Isopropylbenzene	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
m,p-Xylenes	NELAP	5.00	J	2.5	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Methacrylonitrile	NELAP	50.0		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Methyl Methacrylate	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Methyl tert-butyl ether	NELAP	2.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Methylacrylate		9.99		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Methylene chloride	NELAP	5.00	J	4.6	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Naphthalene	NELAP	9.99		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
n-Butylbenzene	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
n-Hexane		20.0		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Nitrobenzene	NELAP	99.9		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
n-Propylbenzene	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
o-Xylene	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Pentachloroethane	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
p-Isopropyltoluene	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Propionitrile	NELAP	50.0		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
sec-Butylbenzene	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Styrene	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
tert-Amyl methyl ether		5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
tert-Butyl alcohol		50.0		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
tert-Butylbenzene	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Tetrachloroethene	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Tetrahydrofuran	NELAP	50.0		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Toluene	NELAP	5.00	J	2.1	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
TPH - GRO (C6 - C10)		500		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
trans-1,2-Dichloroethene	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA

TEKLAB, INC.

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COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-009
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-5-SS
Collection Date: 3/12/2009 11:45:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
trans-1,3-Dichloropropene	NELAP	4.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
trans-1,4-Dichloro-2-butene	NELAP	9.99		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Trichloroethene	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Trichlorofluoromethane	NELAP	5.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Vinyl acetate	NELAP	50.0		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Vinyl chloride	NELAP	2.00		ND	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Xylenes, Total	NELAP	5.00	J	2.5	µg/Kg-dry	1	3/17/2009 6:07:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		100.2	%REC	1	3/17/2009 6:07:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		92.9	%REC	1	3/17/2009 6:07:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		98.5	%REC	1	3/17/2009 6:07:00 PM	JSA
Surr: Toluene-d8		80.1-122		107.5	%REC	1	3/17/2009 6:07:00 PM	JSA

Sample Narrative

TEKLAB, INC.

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COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-010
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-5-6 ft
Collection Date: 3/12/2009 12:00:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
ASTM D2974								
Percent Moisture		0.1		18.3	%	1	3/13/2009	MAB
STANDARD METHODS 18TH ED. 2540 G								
Total Solids		0.1		81.7	%	1	3/13/2009	MAB
SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
1,1,1,2-Tetrachloroethane	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
1,1,1-Trichloroethane	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
1,1,2,2-Tetrachloroethane	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
1,1,2-Trichloro-1,2,2-trifluoroethane		4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
1,1,2-Trichloroethane	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
1,1-Dichloro-2-propanone		45.6		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
1,1-Dichloroethane	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
1,1-Dichloroethene	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
1,1-Dichloropropene	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
1,2,3-Trichlorobenzene	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
1,2,3-Trichloropropane	NELAP	9.13		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
1,2,3-Trimethylbenzene		4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
1,2,4-Trichlorobenzene	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
1,2,4-Trimethylbenzene	NELAP	4.56	J	1.0	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
1,2-Dibromo-3-chloropropane	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
1,2-Dibromoethane	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
1,2-Dichlorobenzene	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
1,2-Dichloroethane	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
1,2-Dichloropropane	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
1,3,5-Trimethylbenzene	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
1,3-Dichlorobenzene	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
1,3-Dichloropropane	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
1,4-Dichlorobenzene	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
1-Chlorobutane	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
2,2-Dichloropropane	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
2-Butanone	NELAP	45.6		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
2-Chlorotoluene	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
2-Hexanone	NELAP	45.6		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
2-Nitropropane	NELAP	45.6		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
4-Chlorotoluene	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
4-Methyl-2-pentanone	NELAP	45.6		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Acetone	NELAP	45.6		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Acetonitrile	NELAP	91.3		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Acrolein	NELAP	91.3		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-010
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-5-6 ft
Collection Date: 3/12/2009 12:00:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5035, 8260B. VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acrylonitrile	NELAP	9.13		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Allyl chloride	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Benzene	NELAP	0.913		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Bromobenzene	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Bromochloromethane	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Bromodichloromethane	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Bromoform	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Bromomethane	NELAP	9.13		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Carbon disulfide	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Carbon tetrachloride	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Chlorobenzene	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Chloroethane	NELAP	9.13		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Chloroform	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Chloromethane	NELAP	9.13		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
cis-1,2-Dichloroethene	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
cis-1,3-Dichloropropene	NELAP	3.65		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Cyclohexanone		91.3		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Dibromochloromethane	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Dibromomethane	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Dichlorodifluoromethane	NELAP	9.13		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Diisopropyl ether		4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Ethyl acetate	NELAP	45.6		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Ethyl ether	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Ethyl methacrylate	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Ethylbenzene	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Ethyl-tert-butyl ether		4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Heptane		18.3		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Hexachlorobutadiene	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Hexachloroethane	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Iodomethane	NELAP	9.13		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Isopropylbenzene	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
m,p-Xylenes	NELAP	4.56	J	1.6	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Methacrylonitrile	NELAP	45.6		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Methyl Methacrylate	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Methyl tert-butyl ether	NELAP	1.83		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Methylacrylate		9.13		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Methylene chloride	NELAP	4.56	J	3.1	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Naphthalene	NELAP	9.13		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-010
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-5-6 ft
Collection Date: 3/12/2009 12:00:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
n-Butylbenzene	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
n-Hexane		18.3		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Nitrobenzene	NELAP	91.3		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
n-Propylbenzene	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
o-Xylene	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Pentachloroethane	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
p-Isopropyltoluene	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Propionitrile	NELAP	45.6		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
sec-Butylbenzene	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Styrene	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
tert-Amyl methyl ether		4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
tert-Butyl alcohol		45.6		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
tert-Butylbenzene	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Tetrachloroethene	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Tetrahydrofuran	NELAP	45.6		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Toluene	NELAP	4.56	J	1.4	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
TPH - GRO (C8 - C10)		456		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
trans-1,2-Dichloroethene	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
trans-1,3-Dichloropropene	NELAP	3.65		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
trans-1,4-Dichloro-2-butene	NELAP	9.13		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Trichloroethene	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Trichlorofluoromethane	NELAP	4.56		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Vinyl acetate	NELAP	45.6		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Vinyl chloride	NELAP	1.83		ND	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Xylenes, Total	NELAP	4.56	J	1.6	µg/Kg-dry	1	3/17/2009 6:33:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		105.2	%REC	1	3/17/2009 6:33:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		97.8	%REC	1	3/17/2009 6:33:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		98.8	%REC	1	3/17/2009 6:33:00 PM	JSA
Surr: Toluene-d8		80.1-122		104.0	%REC	1	3/17/2009 6:33:00 PM	JSA

Sample Narrative

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-011
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-5-SS DUP
Collection Date: 3/12/2009 11:45:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
ASTM D2974								
Percent Moisture		0.1		26.9	%	1	3/13/2009	MAB
STANDARD METHODS 18TH ED. 2540 G								
Total Solids		0.1		73.1	%	1	3/13/2009	MAB
SW-846 3550B, 8270C SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.0474		ND	mg/Kg-dry	1	3/17/2009 4:47:00 PM	MAM
Anthracene	NELAP	0.0474		ND	mg/Kg-dry	1	3/17/2009 4:47:00 PM	MAM
Benzo(a)anthracene	NELAP	0.0474		0.0555	mg/Kg-dry	1	3/17/2009 4:47:00 PM	MAM
Benzo(a)pyrene	NELAP	0.0474		0.0481	mg/Kg-dry	1	3/17/2009 4:47:00 PM	MAM
Benzo(b)fluoranthene	NELAP	0.0474		0.0617	mg/Kg-dry	1	3/17/2009 4:47:00 PM	MAM
Benzo(k)fluoranthene	NELAP	0.0474		ND	mg/Kg-dry	1	3/17/2009 4:47:00 PM	MAM
Chrysene	NELAP	0.0474		0.0598	mg/Kg-dry	1	3/17/2009 4:47:00 PM	MAM
Dibenzo(a,h)anthracene	NELAP	0.0474		ND	mg/Kg-dry	1	3/17/2009 4:47:00 PM	MAM
Fluoranthene	NELAP	0.0474		0.145	mg/Kg-dry	1	3/17/2009 4:47:00 PM	MAM
Fluorene	NELAP	0.0474		ND	mg/Kg-dry	1	3/17/2009 4:47:00 PM	MAM
Pyrene	NELAP	0.0474		0.121	mg/Kg-dry	1	3/17/2009 4:47:00 PM	MAM
TPH-DRO (C10 - C21)		16.7		ND	mg/Kg-dry	1	3/17/2009 4:47:00 PM	MAM
TPH-ORO (C21 - C35)		16.7		ND	mg/Kg-dry	1	3/17/2009 4:47:00 PM	MAM
Surr: 2-Fluorobiphenyl		12-133		64.5	%REC	1	3/17/2009 4:47:00 PM	MAM
Surr: Nitrobenzene-d5		30.9-115		63.0	%REC	1	3/17/2009 4:47:00 PM	MAM
Surr: p-Terphenyl-d14		31.5-137		72.3	%REC	1	3/17/2009 4:47:00 PM	MAM

Sample Narrative

TEKLAB, INC.

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COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-012
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-5-6 ft-DUP
Collection Date: 3/12/2009 12:00:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
ASTM D2974								
Percent Moisture		0.1		18.2	%	1	3/13/2009	MAB
STANDARD METHODS 18TH ED. 2540 G								
Total Solids		0.1		81.8	%	1	3/13/2009	MAB
SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
1,1,1,2-Tetrachloroethane	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
1,1,1-Trichloroethane	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
1,1,2,2-Tetrachloroethane	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
1,1,2-Trichloro-1,2,2-trifluoroethane		4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
1,1,2-Trichloroethane	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
1,1-Dichloro-2-propanone		46.5		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
1,1-Dichloroethane	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
1,1-Dichloroethene	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
1,1-Dichloropropene	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
1,2,3-Trichlorobenzene	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
1,2,3-Trichloropropane	NELAP	9.30		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
1,2,3-Trimethylbenzene		4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
1,2,4-Trichlorobenzene	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
1,2,4-Trimethylbenzene	NELAP	4.65	J	1.5	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
1,2-Dibromo-3-chloropropane	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
1,2-Dibromoethane	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
1,2-Dichlorobenzene	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
1,2-Dichloroethane	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
1,2-Dichloropropane	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
1,3,5-Trimethylbenzene	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
1,3-Dichlorobenzene	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
1,3-Dichloropropane	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
1,4-Dichlorobenzene	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
1-Chlorobutane	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
2,2-Dichloropropane	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
2-Butanone	NELAP	46.5		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
2-Chlorotoluene	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
2-Hexanone	NELAP	46.5		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
2-Nitropropane	NELAP	46.5		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
4-Chlorotoluene	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
4-Methyl-2-pentanone	NELAP	46.5		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Acetone	NELAP	46.5	J	12	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Acetonitrile	NELAP	93.0		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Acrolein	NELAP	93.0		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA

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LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-012
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-5-6 ft-DUP
Collection Date: 3/12/2009 12:00:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acrylonitrile	NELAP	9.30		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Allyl chloride	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Benzene	NELAP	0.930		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Bromobenzene	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Bromochloromethane	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Bromodichloromethane	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Bromoform	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Bromomethane	NELAP	9.30		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Carbon disulfide	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Carbon tetrachloride	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Chlorobenzene	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Chloroethane	NELAP	9.30		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Chloroform	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Chloromethane	NELAP	9.30		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
cis-1,2-Dichloroethene	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
cis-1,3-Dichloropropene	NELAP	3.72		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Cyclohexanone		93.0		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Dibromochloromethane	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Dibromomethane	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Dichlorodifluoromethane	NELAP	9.30		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Diisopropyl ether		4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Ethyl acetate	NELAP	46.5		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Ethyl ether	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Ethyl methacrylate	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Ethylbenzene	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Ethyl-tert-butyl ether		4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Heptane		18.6		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Hexachlorobutadiene	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Hexachloroethane	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Iodomethane	NELAP	9.30		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Isopropylbenzene	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
m,p-Xylenes	NELAP	4.65	J	2.1	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Methacrylonitrile	NELAP	46.5		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Methyl Methacrylate	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Methyl tert-butyl ether	NELAP	1.86		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Methylacrylate		9.30		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Methylene chloride	NELAP	4.65	J	4.2	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Naphthalene	NELAP	9.30		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-012
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-5-6 ft-DUP
Collection Date: 3/12/2009 12:00:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
n-Butylbenzene	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
n-Hexane		18.6		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Nitrobenzene	NELAP	93.0		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
n-Propylbenzene	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
o-Xylene	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Pentachloroethane	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
p-Isopropyltoluene	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Propionitrile	NELAP	46.5		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
sec-Butylbenzene	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Styrene	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
tert-Amyl methyl ether		4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
tert-Butyl alcohol		46.5		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
tert-Butylbenzene	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Tetrachloroethene	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Tetrahydrofuran	NELAP	46.5		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Toluene	NELAP	4.65	J	1.1	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
TPH - GRO (C6 - C10)		465		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
trans-1,2-Dichloroethene	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
trans-1,3-Dichloropropene	NELAP	3.72		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
trans-1,4-Dichloro-2-butene	NELAP	9.30		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Trichloroethene	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Trichlorofluoromethane	NELAP	4.65		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Vinyl acetate	NELAP	46.5		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Vinyl chloride	NELAP	1.86		ND	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Xylenes, Total	NELAP	4.65	J	2.1	µg/Kg-dry	1	3/17/2009 7:00:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		101.2	%REC	1	3/17/2009 7:00:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		92.3	%REC	1	3/17/2009 7:00:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		98.5	%REC	1	3/17/2009 7:00:00 PM	JSA
Surr: Toluene-d8		80.1-122		105.4	%REC	1	3/17/2009 7:00:00 PM	JSA

Sample Narrative

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-013
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: S-1
Collection Date: 3/12/2009 8:15:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 3050B, 6010B, METALS BY ICP								
Arsenic	NELAP	2.31		90.5	mg/Kg-dry	1	3/18/2009 2:04:46 PM	JMW
Lead	NELAP	3.70		595	mg/Kg-dry	1	3/17/2009 2:45:08 PM	LAL

Sample Narrative

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-014
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: S-2
Collection Date: 3/12/2009 8:20:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 3050B, 6010B, METALS BY ICP								
Arsenic	NELAP	2.50		53.5	mg/Kg-dry	1	3/18/2009 2:08:51 PM	JMW
Lead	NELAP	4.00		334	mg/Kg-dry	1	3/18/2009 2:08:51 PM	JMW

Sample Narrative

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-015
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: S-3
Collection Date: 3/12/2009 8:25:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 3050B, 6010B, METALS BY ICP								
Arsenic	NELAP	2.40		**14.0**	mg/Kg-dry	1	3/18/2009 12:29:40 PM	JMW
Lead	NELAP	3.85		**237**	mg/Kg-dry	1	3/17/2009 3:51:49 PM	LAL

Sample Narrative

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-016
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: S-4
Collection Date: 3/12/2009 8:30:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 3050B, 6010B, METALS BY ICP								
Arsenic	NELAP	2.50		5.37	mg/Kg-dry	1	3/18/2009 12:33:45 PM	JMW
Lead	NELAP	4.00		50.9	mg/Kg-dry	1	3/17/2009 3:58:38 PM	LAL

Sample Narrative

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-017
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: S-5
Collection Date: 3/12/2009 8:35:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 3050B, 6010B, METALS BY ICP								
Arsenic	NELAP	2.31		6.20	mg/Kg-dry	1	3/18/2009 12:46:32 PM	JMW
Lead	NELAP	3.70		16.6	mg/Kg-dry	1	3/17/2009 4:18:38 PM	LAL

Sample Narrative

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-018
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: S-6
Collection Date: 3/12/2009 8:40:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 3050B, 6010B, METALS BY ICP								
Arsenic	NELAP	2.36		**20.4**	mg/Kg-dry	1	3/18/2009 12:50:35 PM	JMW
Lead	NELAP	3.77		**570**	mg/Kg-dry	1	3/17/2009 4:25:23 PM	LAL

Sample Narrative

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-019
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: S-7
Collection Date: 3/12/2009 8:45:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 3050B, 6010B, METALS BY ICP								
Arsenic	NELAP	2.31		16.1	mg/Kg-dry	1	3/18/2009 12:54:39 PM	JMW
Lead	NELAP	3.70		733	mg/Kg-dry	1	3/17/2009 4:32:24 PM	LAL

Sample Narrative

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-020
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: S-8
Collection Date: 3/12/2009 8:50:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 3050B, 6010B, METALS BY ICP								
Arsenic	NELAP	2.45		55.0	mg/Kg-dry	1	3/18/2009 1:08:44 PM	JMW
Lead	NELAP	3.92		1490	mg/Kg-dry	1	3/18/2009 1:08:44 PM	JMW

Sample Narrative

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-021
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: S-9
Collection Date: 3/12/2009 1:20:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 3050B, 6010B, METALS BY ICP								
Arsenic	NELAP	2.50		17.0	mg/Kg-dry	1	3/18/2009 1:12:49 PM	JMW
Lead	NELAP	4.00		516	mg/Kg-dry	1	3/17/2009 4:46:26 PM	LAL

Sample Narrative

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-022
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: S-10
Collection Date: 3/12/2009 1:23:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 3050B, 6010B, METALS BY ICP								
Arsenic	NELAP	2.31		**87.5**	mg/Kg-dry	1	3/18/2009 1:16:53 PM	JMW
Lead	NELAP	3.70		**277**	mg/Kg-dry	1	3/17/2009 5:12:50 PM	LAL

Sample Narrative

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-023
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: S-11
Collection Date: 3/12/2009 12:15:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 3050B, 6010B, METALS BY ICP								
Arsenic	NELAP	2.45		21.1	mg/Kg-dry	1	3/18/2009 1:20:57 PM	JMW
Lead	NELAP	3.92		1560	mg/Kg-dry	1	3/17/2009 5:19:50 PM	LAL

Sample Narrative

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-024
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: S-12
Collection Date: 3/12/2009 12:10:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 3050B, 6010B, METALS BY ICP								
Arsenic	NELAP	2.31		38.3	mg/Kg-dry	1	3/18/2009 1:25:02 PM	JMW
Lead	NELAP	3.70		668	mg/Kg-dry	1	3/17/2009 5:26:31 PM	LAL

Sample Narrative

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-025
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: S-5-DUP
Collection Date: 3/12/2009 8:35:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 3050B, 6010B, METALS BY ICP								
Arsenic	NELAP	2.40		6.86	mg/Kg-dry	1	3/18/2009 1:29:06 PM	JMW
Lead	NELAP	3.85		16.8	mg/Kg-dry	1	3/17/2009 5:33:31 PM	LAL

Sample Narrative

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-026
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-1-GW
Collection Date: 3/12/2009 12:30:00 PM
Matrix: GROUNDWATER

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Lead	NELAP	0.0400	J	0.028	mg/L	1	3/16/2009 3:02:30 PM	LAL
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
1,1,1,2-Tetrachloroethane	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
1,1,1-Trichloroethane	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
1,1,2,2-Tetrachloroethane	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
1,1,2-Trichloro-1,2,2-trifluoroethane		20.0		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
1,1,2-Trichloroethane	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
1,1-Dichloro-2-propanone	NELAP	50.0		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
1,1-Dichloroethane	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
1,1-Dichloroethene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
1,1-Dichloropropene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
1,2,3-Trichlorobenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
1,2,3-Trichloropropane	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
1,2,3-Trimethylbenzene		5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
1,2,4-Trichlorobenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
1,2,4-Trimethylbenzene	NELAP	5.00	J	1.4	µg/L	1	3/17/2009 7:27:00 PM	JSA
1,2-Dibromo-3-chloropropane	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
1,2-Dibromoethane	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
1,2-Dichlorobenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
1,2-Dichloroethane	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
1,2-Dichloroethene, Total		5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
1,2-Dichloropropane	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
1,3,5-Trimethylbenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
1,3-Dichlorobenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
1,3-Dichloropropane	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
1,3-Dichloropropene, Total		5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
1,4-Dichloro-2-butene, Total		10.0		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
1,4-Dichlorobenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
1-Chlorobutane	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
2,2-Dichloropropane	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
2-Butanone	NELAP	25.0		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
2-Chloroethyl vinyl ether	NELAP	20.0		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
2-Chlorotoluene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
2-Hexanone	NELAP	25.0		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
2-Nitropropane	NELAP	50.0		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
4-Chlorotoluene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
4-Methyl-2-pentanone	NELAP	25.0		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Acetone	NELAP	25.0	J	5.2	µg/L	1	3/17/2009 7:27:00 PM	JSA

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-026
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-1-GW
Collection Date: 3/12/2009 12:30:00 PM
Matrix: GROUNDWATER

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acetonitrile	NELAP	50.0		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Acrolein	NELAP	100		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Acrylonitrile	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Allyl chloride	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Benzene	NELAP	2.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Bromobenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Bromochloromethane	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Bromodichloromethane	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Bromoform	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Bromomethane	NELAP	10.0		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Butyl acetate		25.0		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Carbon disulfide	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Carbon tetrachloride	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Chlorobenzene	NELAP	5.00	SR	ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Chloroethane	NELAP	10.0		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Chloroform	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Chloromethane	NELAP	10.0		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Chloroprene	NELAP	20.0		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
cis-1,2-Dichloroethene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
cis-1,3-Dichloropropene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
cis-1,4-Dichloro-2-butene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Cyclohexenone		50.0		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Dibromochloromethane	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Dibromomethane	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Dichlorodifluoromethane	NELAP	10.0		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Diisopropyl ether		2.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Ethyl acetate	NELAP	10.0		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Ethyl ether	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Ethyl methacrylate	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Ethylbenzene	NELAP	5.00	SR	ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Ethyl-tert-butyl ether		2.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Heptane		20.0		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Hexachlorobutadiene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Hexachloroethane	NELAP	10.0		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Iodomethane	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Isopropylbenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
m,p-Xylenes	NELAP	5.00	JR	1.8	µg/L	1	3/17/2009 7:27:00 PM	JSA
Methacrylonitrile	NELAP	10.0		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA

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ENVIRONMENTAL TESTING LABORATORY

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LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-026
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-1-GW
Collection Date: 3/12/2009 12:30:00 PM
Matrix: GROUNDWATER

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Methyl Methacrylate	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Methyl tert-butyl ether	NELAP	2.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Methylacrylate		10.0		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Methylene chloride	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Naphthalene	NELAP	10.0		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
n-Butylbenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
n-Hexane		20.0		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Nitrobenzene	NELAP	50.0		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
n-Propylbenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
o-Xylene	NELAP	5.00	SR	ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Pentachloroethane	NELAP	20.0		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
p-Isopropyltoluene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Propionitrile	NELAP	50.0		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
sec-Butylbenzene	NELAP	5.00	J	3.6	µg/L	1	3/17/2009 7:27:00 PM	JSA
Styrene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
tert-Amyl methyl ether		2.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
tert-Butyl alcohol		25.0		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
tert-Butylbenzene	NELAP	5.00	J	1.8	µg/L	1	3/17/2009 7:27:00 PM	JSA
Tetrachloroethene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Tetrahydrofuran	NELAP	20.0		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Toluene	NELAP	5.00	SR	ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
TPH - GRO (C8 - C10)		500	J	260	µg/L	1	3/17/2009 7:27:00 PM	JSA
trans-1,2-Dichloroethene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
trans-1,3-Dichloropropene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
trans-1,4-Dichloro-2-butene	NELAP	10.0		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Trichloroethene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Trichlorofluoromethane	NELAP	5.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Vinyl acetate	NELAP	10.0		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Vinyl chloride	NELAP	2.00		ND	µg/L	1	3/17/2009 7:27:00 PM	JSA
Xylenes, Total	NELAP	5.00	JR	1.8	µg/L	1	3/17/2009 7:27:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		106.6	%REC	1	3/17/2009 7:27:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		92.9	%REC	1	3/17/2009 7:27:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		101.7	%REC	1	3/17/2009 7:27:00 PM	JSA
Surr: Toluene-d8		80.1-122		102.6	%REC	1	3/17/2009 7:27:00 PM	JSA

Sample Narrative
SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS
RPD was outside of QC limit due to sample composition.
Matrix spike did not recover within control limits because of sample composition.

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ENVIRONMENTAL TESTING LABORATORY

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LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-027
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-2-GW
Collection Date: 3/12/2009 12:40:00 PM
Matrix: GROUNDWATER

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Lead	NELAP	0.400		3.64	mg/L	10	3/16/2009 3:09:15 PM	LAL
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
1,1,1,2-Tetrachloroethane	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
1,1,1-Trichloroethane	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
1,1,2,2-Tetrachloroethane	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
1,1,2-Trichloro-1,2,2-trifluoroethane		20.0		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
1,1,2-Trichloroethane	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
1,1-Dichloro-2-propanone	NELAP	50.0		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
1,1-Dichloroethane	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
1,1-Dichloroethene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
1,1-Dichloropropene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
1,2,3-Trichlorobenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
1,2,3-Trichloropropane	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
1,2,3-Trimethylbenzene		5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
1,2,4-Trichlorobenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
1,2,4-Trimethylbenzene	NELAP	5.00	J	1.3	µg/L	1	3/17/2009 7:53:00 PM	JSA
1,2-Dibromo-3-chloropropane	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
1,2-Dibromoethane	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
1,2-Dichlorobenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
1,2-Dichloroethane	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
1,2-Dichloroethene, Total		5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
1,2-Dichloropropane	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
1,3,5-Trimethylbenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
1,3-Dichlorobenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
1,3-Dichloropropane	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
1,3-Dichloropropene, Total		5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
1,4-Dichloro-2-butene, Total		10.0		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
1,4-Dichlorobenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
1-Chlorobutane	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
2,2-Dichloropropane	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
2-Butanone	NELAP	25.0		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
2-Chloroethyl vinyl ether	NELAP	20.0		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
2-Chlorotoluene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
2-Hexanone	NELAP	25.0		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
2-Nitropropane	NELAP	50.0		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
4-Chlorotoluene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
4-Methyl-2-pentanone	NELAP	25.0		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Acetone	NELAP	25.0	J	5.1	µg/L	1	3/17/2009 7:53:00 PM	JSA

TEKLAB, INC.

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COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-027
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-2-GW
Collection Date: 3/12/2009 12:40:00 PM
Matrix: GROUNDWATER

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acetonitrile	NELAP	50.0		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Acrolein	NELAP	100		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Acrylonitrile	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Allyl chloride	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Benzene	NELAP	2.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Bromobenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Bromochloromethane	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Bromodichloromethane	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Bromoform	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Bromomethane	NELAP	10.0		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Butyl acetate		25.0		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Carbon disulfide	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Carbon tetrachloride	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Chlorobenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Chloroethane	NELAP	10.0		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Chloroform	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Chloromethane	NELAP	10.0		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Chloroprene	NELAP	20.0		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
cis-1,2-Dichloroethene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
cis-1,3-Dichloropropene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
cis-1,4-Dichloro-2-butene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Cyclohexanone		50.0		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Dibromochloromethane	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Dibromomethane	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Dichlorodifluoromethane	NELAP	10.0		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Diisopropyl ether		2.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Ethyl acetate	NELAP	10.0		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Ethyl ether	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Ethyl methacrylate	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Ethylbenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Ethyl-tert-butyl ether		2.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Heptane		20.0		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Hexachlorobutadiene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Hexachloroethane	NELAP	10.0		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Iodomethane	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Isopropylbenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
m,p-Xylenes	NELAP	5.00	J	1.8	µg/L	1	3/17/2009 7:53:00 PM	JSA
Methacrylonitrile	NELAP	10.0		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA

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LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-027
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-2-GW
Collection Date: 3/12/2009 12:40:00 PM
Matrix: GROUNDWATER

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Methyl Methacrylate	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Methyl tert-butyl ether	NELAP	2.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Methylacrylate		10.0		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Methylene chloride	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Naphthalene	NELAP	10.0		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
n-Butylbenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
n-Hexane		20.0		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Nitrobenzene	NELAP	50.0		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
n-Propylbenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
o-Xylene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Pentachloroethane	NELAP	20.0		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
p-Isopropyltoluene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Propionitrile	NELAP	50.0		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
sec-Butylbenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Styrene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
tert-Amyl methyl ether		2.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
tert-Butyl alcohol		25.0		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
tert-Butylbenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Tetrachloroethene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Tetrahydrofuran	NELAP	20.0		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Toluene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
TPH - GRO (C6 - C10)		500	J	160	µg/L	1	3/17/2009 7:53:00 PM	JSA
trans-1,2-Dichloroethene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
trans-1,3-Dichloropropene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
trans-1,4-Dichloro-2-butene	NELAP	10.0		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Trichloroethene	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Trichlorofluoromethane	NELAP	5.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Vinyl acetate	NELAP	10.0		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Vinyl chloride	NELAP	2.00		ND	µg/L	1	3/17/2009 7:53:00 PM	JSA
Xylenes, Total	NELAP	5.00	J	1.8	µg/L	1	3/17/2009 7:53:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		106.6	%REC	1	3/17/2009 7:53:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		99.0	%REC	1	3/17/2009 7:53:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		98.5	%REC	1	3/17/2009 7:53:00 PM	JSA
Surr: Toluene-d8		80.1-122		104.1	%REC	1	3/17/2009 7:53:00 PM	JSA

Sample Narrative

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-028
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-4- GW
Collection Date: 3/12/2009 12:55:00 PM
Matrix: GROUNDWATER

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Lead	NELAP	0.400		1.19	mg/L	10	3/16/2009 3:15:59 PM	LAL
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
1,1,1,2-Tetrachloroethane	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
1,1,1-Trichloroethane	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
1,1,2,2-Tetrachloroethane	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
1,1,2-Trichloro-1,2,2-trifluoroethane		20.0		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
1,1,2-Trichloroethene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
1,1-Dichloro-2-propanone	NELAP	50.0		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
1,1-Dichloroethane	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
1,1-Dichloroethene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
1,1-Dichloropropene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
1,2,3-Trichlorobenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
1,2,3-Trichloropropane	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
1,2,3-Trimethylbenzene		5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
1,2,4-Trichlorobenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
1,2,4-Trimethylbenzene	NELAP	5.00	J	2.0	µg/L	1	3/17/2009 1:14:00 PM	JSA
1,2-Dibromo-3-chloropropane	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
1,2-Dibromoethane	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
1,2-Dichlorobenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
1,2-Dichloroethane	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
1,2-Dichloroethene, Total		5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
1,2-Dichloropropane	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
1,3,5-Trimethylbenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
1,3-Dichlorobenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
1,3-Dichloropropane	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
1,3-Dichloropropene, Total		5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
1,4-Dichloro-2-butene, Total		10.0		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
1,4-Dichlorobenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
1-Chlorobutane	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
2,2-Dichloropropane	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
2-Butanone	NELAP	25.0		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
2-Chloroethyl vinyl ether	NELAP	20.0		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
2-Chlorotoluene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
2-Hexanone	NELAP	25.0		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
2-Nitropropane	NELAP	50.0		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
4-Chlorotoluene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
4-Methyl-2-pentanone	NELAP	25.0		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Acetone	NELAP	25.0	J	13	µg/L	1	3/17/2009 1:14:00 PM	JSA

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ENVIRONMENTAL TESTING LABORATORY

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LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-028
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-4- GW
Collection Date: 3/12/2009 12:55:00 PM
Matrix: GROUNDWATER

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acetonitrile	NELAP	50.0		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Acrolein	NELAP	100		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Acrylonitrile	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Allyl chloride	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Benzene	NELAP	2.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Bromobenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Bromochloromethane	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Bromodichloromethane	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Bromoform	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Bromomethane	NELAP	10.0		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Butyl acetate		25.0		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Carbon disulfide	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Carbon tetrachloride	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Chlorobenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Chloroethane	NELAP	10.0		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Chloroform	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Chloromethane	NELAP	10.0		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Chloroprene	NELAP	20.0		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
cis-1,2-Dichloroethene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
cis-1,3-Dichloropropene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
cis-1,4-Dichloro-2-butene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Cyclohexanone		50.0		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Dibromochloromethane	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Dibromomethane	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Dichlorodifluoromethane	NELAP	10.0		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Diisopropyl ether		2.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Ethyl acetate	NELAP	10.0		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Ethyl ether	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Ethyl methacrylate	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Ethylbenzene	NELAP	5.00	J	1.1	µg/L	1	3/17/2009 1:14:00 PM	JSA
Ethyl-tert-butyl ether		2.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Heptane		20.0		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Hexachlorobutadiene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Hexachloroethane	NELAP	10.0		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Iodomethane	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Isopropylbenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
m,p-Xylenes	NELAP	5.00	J	3.6	µg/L	1	3/17/2009 1:14:00 PM	JSA
Methacrylonitrile	NELAP	10.0		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-028
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-4- GW
Collection Date: 3/12/2009 12:55:00 PM
Matrix: GROUNDWATER

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Methyl Methacrylate	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Methyl tert-butyl ether	NELAP	2.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Methylacrylate		10.0		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Methylene chloride	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Naphthalene	NELAP	10.0		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
n-Butylbenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
n-Hexane		20.0		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Nitrobenzene	NELAP	50.0		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
n-Propylbenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
o-Xylene	NELAP	5.00	J	1.2	µg/L	1	3/17/2009 1:14:00 PM	JSA
Pentachloroethane	NELAP	20.0		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
p-Isopropyltoluene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Propionitrile	NELAP	50.0		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
sec-Butylbenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Styrene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
tert-Amyl methyl ether		2.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
tert-Butyl alcohol		25.0		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
tert-Butylbenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Tetrachloroethene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Tetrahydrofuran	NELAP	20.0		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Toluene	NELAP	5.00	J	1.0	µg/L	1	3/17/2009 1:14:00 PM	JSA
TPH - GRO (C6 - C10)		500		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
trans-1,2-Dichloroethene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
trans-1,3-Dichloropropene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
trans-1,4-Dichloro-2-butene	NELAP	10.0		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Trichloroethene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Trichlorofluoromethane	NELAP	5.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Vinyl acetate	NELAP	10.0		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Vinyl chloride	NELAP	2.00		ND	µg/L	1	3/17/2009 1:14:00 PM	JSA
Xylenes, Total	NELAP	5.00	J	4.7	µg/L	1	3/17/2009 1:14:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		105.1	%REC	1	3/17/2009 1:14:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		97.0	%REC	1	3/17/2009 1:14:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		99.5	%REC	1	3/17/2009 1:14:00 PM	JSA
Surr: Toluene-d8		80.1-122		101.8	%REC	1	3/17/2009 1:14:00 PM	JSA

Sample Narrative

TEKLAB, INC.

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COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-029
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-5- GW
Collection Date: 3/12/2009 1:05:00 PM
Matrix: GROUNDWATER

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Lead	NELAP	0.400		25.5	mg/L	10	3/16/2009 3:22:28 PM	LAL
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
1,1,1,2-Tetrachloroethane	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
1,1,1-Trichloroethane	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
1,1,2,2-Tetrachloroethane	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
1,1,2-Trichloro-1,2,2-trifluoroethane		20.0		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
1,1,2-Trichloroethane	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
1,1-Dichloro-2-propanone	NELAP	50.0		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
1,1-Dichloroethane	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
1,1-Dichloroethene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
1,1-Dichloropropene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
1,2,3-Trichlorobenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
1,2,3-Trichloropropane	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
1,2,3-Trimethylbenzene		5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
1,2,4-Trichlorobenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
1,2,4-Trimethylbenzene	NELAP	5.00	J	1.9	µg/L	1	3/17/2009 1:40:00 PM	JSA
1,2-Dibromo-3-chloropropane	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
1,2-Dibromoethane	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
1,2-Dichlorobenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
1,2-Dichloroethane	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
1,2-Dichloroethene, Total		5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
1,2-Dichloropropane	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
1,3,5-Trimethylbenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
1,3-Dichlorobenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
1,3-Dichloropropane	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
1,3-Dichloropropene, Total		5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
1,4-Dichloro-2-butene, Total		10.0		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
1,4-Dichlorobenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
1-Chlorobutane	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
2,2-Dichloropropane	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
2-Butanone	NELAP	25.0		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
2-Chloroethyl vinyl ether	NELAP	20.0		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
2-Chlorotoluene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
2-Hexanone	NELAP	25.0		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
2-Nitropropane	NELAP	50.0		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
4-Chlorotoluene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
4-Methyl-2-pentanone	NELAP	25.0		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Acetone	NELAP	25.0		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA

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LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-029
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-5- GW
Collection Date: 3/12/2009 1:05:00 PM
Matrix: GROUNDWATER

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acetonitrile	NELAP	50.0		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Acrolein	NELAP	100		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Acrylonitrile	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Allyl chloride	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Benzene	NELAP	2.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Bromobenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Bromochloromethane	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Bromodichloromethane	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Bromoform	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Bromomethane	NELAP	10.0		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Butyl acetate		25.0		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Carbon disulfide	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Carbon tetrachloride	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Chlorobenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Chloroethane	NELAP	10.0		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Chloroform	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Chloromethane	NELAP	10.0		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Chloroprene	NELAP	20.0		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
cis-1,2-Dichloroethene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
cis-1,3-Dichloropropene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
cis-1,4-Dichloro-2-butene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Cyclohexanone		50.0		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Dibromochloromethane	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Dibromomethane	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Dichlorodifluoromethane	NELAP	10.0		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Diisopropyl ether		2.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Ethyl acetate	NELAP	10.0		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Ethyl ether	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Ethyl methacrylate	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Ethylbenzene	NELAP	5.00	J	1.1	µg/L	1	3/17/2009 1:40:00 PM	JSA
Ethyl-tert-butyl ether		2.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Heptane		20.0		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Hexachlorobutadiene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Hexachloroethane	NELAP	10.0		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Iodomethane	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Isopropylbenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
m,p-Xylenes	NELAP	5.00	J	3.5	µg/L	1	3/17/2009 1:40:00 PM	JSA
Methacrylonitrile	NELAP	10.0		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA

TEKLAB, INC.

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COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-029
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-5- GW
Collection Date: 3/12/2009 1:05:00 PM
Matrix: GROUNDWATER

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Methyl Methacrylate	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Methyl tert-butyl ether	NELAP	2.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Methylacrylate		10.0		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Methylene chloride	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Naphthalene	NELAP	10.0		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
n-Butylbenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
n-Hexane		20.0		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Nitrobenzene	NELAP	50.0		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
n-Propylbenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
o-Xylene	NELAP	5.00	J	1.1	µg/L	1	3/17/2009 1:40:00 PM	JSA
Pentachloroethane	NELAP	20.0		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
p-Isopropyltoluene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Propionitrile	NELAP	50.0		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
sec-Butylbenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Styrene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
tert-Amyl methyl ether		2.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
tert-Butyl alcohol		25.0		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
tert-Butylbenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Tetrachloroethene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Tetrahydrofuran	NELAP	20.0		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Toluene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
TPH - GRO (C6 - C10)		500		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
trans-1,2-Dichloroethene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
trans-1,3-Dichloropropene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
trans-1,4-Dichloro-2-butene	NELAP	10.0		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Trichloroethene	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Trichlorofluoromethane	NELAP	5.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Vinyl acetate	NELAP	10.0		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Vinyl chloride	NELAP	2.00		ND	µg/L	1	3/17/2009 1:40:00 PM	JSA
Xylenes, Total	NELAP	5.00	J	4.6	µg/L	1	3/17/2009 1:40:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		105.2	%REC	1	3/17/2009 1:40:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		98.8	%REC	1	3/17/2009 1:40:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		100.6	%REC	1	3/17/2009 1:40:00 PM	JSA
Surr: Toluene-d8		80.1-122		100.9	%REC	1	3/17/2009 1:40:00 PM	JSA

Sample Narrative

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-030
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-2- GW DUP
Collection Date: 3/12/2009 12:40:00 PM
Matrix: GROUNDWATER

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Lead	NELAP	0.400		**4.55**	mg/L	10	3/16/2009 3:53:47 PM	LAL
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
1,1,1,2-Tetrachloroethane	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
1,1,1-Trichloroethane	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
1,1,2,2-Tetrachloroethane	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
1,1,2-Trichloro-1,2,2-trifluoroethane		20.0		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
1,1,2-Trichloroethane	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
1,1-Dichloro-2-propanone	NELAP	50.0		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
1,1-Dichloroethane	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
1,1-Dichloroethene	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
1,1-Dichloropropene	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
1,2,3-Trichlorobenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
1,2,3-Trichloropropane	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
1,2,3-Trimethylbenzene		5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
1,2,4-Trichlorobenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
1,2,4-Trimethylbenzene	NELAP	5.00	J	1.1	µg/L	1	3/17/2009 2:07:00 PM	JSA
1,2-Dibromo-3-chloropropane	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
1,2-Dibromoethane	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
1,2-Dichlorobenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
1,2-Dichloroethane	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
1,2-Dichloroethene, Total		5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
1,2-Dichloropropane	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
1,3,5-Trimethylbenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
1,3-Dichlorobenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
1,3-Dichloropropane	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
1,3-Dichloropropene, Total		5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
1,4-Dichloro-2-butene, Total		10.0		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
1,4-Dichlorobenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
1-Chlorobutane	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
2,2-Dichloropropane	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
2-Butanone	NELAP	25.0		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
2-Chloroethyl vinyl ether	NELAP	20.0		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
2-Chlorotoluene	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
2-Hexanone	NELAP	25.0		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
2-Nitropropane	NELAP	50.0		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
4-Chlorotoluene	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
4-Methyl-2-pentanone	NELAP	25.0		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Acetone	NELAP	25.0		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA

TEKLAB, INC.

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COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-030
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-2- GW DUP
Collection Date: 3/12/2009 12:40:00 PM
Matrix: GROUNDWATER

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acetonitrile	NELAP	50.0		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Acrolein	NELAP	100		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Acrylonitrile	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Allyl chloride	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Benzene	NELAP	2.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Bromobenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Bromochloromethane	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Bromodichloromethane	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Bromoform	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Bromomethane	NELAP	10.0		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Butyl acetate		25.0		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Carbon disulfide	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Carbon tetrachloride	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Chlorobenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Chloroethane	NELAP	10.0		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Chloroform	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Chloromethane	NELAP	10.0		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Chloroprene	NELAP	20.0		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
cis-1,2-Dichloroethene	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
cis-1,3-Dichloropropene	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
cis-1,4-Dichloro-2-butene	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Cyclohexanone		50.0		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Dibromochloromethane	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Dibromomethane	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Dichlorodifluoromethane	NELAP	10.0		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Diisopropyl ether		2.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Ethyl acetate	NELAP	10.0		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Ethyl ether	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Ethyl methacrylate	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Ethylbenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Ethyl-tert-butyl ether		2.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Heptane		20.0		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Hexachlorobutadiene	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Hexachloroethane	NELAP	10.0		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Iodomethane	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Isopropylbenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
m,p-Xylenes	NELAP	5.00	J	2.5	µg/L	1	3/17/2009 2:07:00 PM	JSA
Methacrylonitrile	NELAP	10.0		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA

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COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-030
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: B-2- GW DUP
Collection Date: 3/12/2009 12:40:00 PM
Matrix: GROUNDWATER

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Methyl Methacrylate	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Methyl tert-butyl ether	NELAP	2.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Methylacrylate		10.0		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Methylene chloride	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Naphthalene	NELAP	10.0		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
n-Butylbenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
n-Hexane		20.0		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Nitrobenzene	NELAP	50.0		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
n-Propylbenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
o-Xylene	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Pentachloroethane	NELAP	20.0		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
p-Isopropyltoluene	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Propionitrile	NELAP	50.0		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
sec-Butylbenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Styrene	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
tert-Amyl methyl ether		2.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
tert-Butyl alcohol		25.0		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
tert-Butylbenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Tetrachloroethene	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Tetrahydrofuran	NELAP	20.0		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Toluene	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
TPH - GRO (C6 - C10)		500		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
trans-1,2-Dichloroethene	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
trans-1,3-Dichloropropene	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
trans-1,4-Dichloro-2-butene	NELAP	10.0		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Trichloroethene	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Trichlorofluoromethane	NELAP	5.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Vinyl acetate	NELAP	10.0		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Vinyl chloride	NELAP	2.00		ND	µg/L	1	3/17/2009 2:07:00 PM	JSA
Xylenes, Total	NELAP	5.00	J	2.5	µg/L	1	3/17/2009 2:07:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-126		106.0	%REC	1	3/17/2009 2:07:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		97.7	%REC	1	3/17/2009 2:07:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		102.1	%REC	1	3/17/2009 2:07:00 PM	JSA
Surr: Toluene-d8		80.1-122		101.2	%REC	1	3/17/2009 2:07:00 PM	JSA

Sample Narrative

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COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-031
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: Trip Blank
Collection Date: 3/12/2009 3:00:00 PM
Matrix: TRIP BLANK

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
1,1,1,2-Tetrachloroethane	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
1,1,1-Trichloroethane	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
1,1,2,2-Tetrachloroethane	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
1,1,2-Trichloro-1,2,2-trifluoroethane		20.0		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
1,1,2-Trichloroethane	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
1,1-Dichloro-2-propanone	NELAP	50.0		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
1,1-Dichloroethane	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
1,1-Dichloroethene	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
1,1-Dichloropropene	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
1,2,3-Trichlorobenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
1,2,3-Trichloropropane	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
1,2,3-Trimethylbenzene		5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
1,2,4-Trichlorobenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
1,2,4-Trimethylbenzene	NELAP	5.00	J	1.1	µg/L	1	3/17/2009 11:54:00 AM	JSA
1,2-Dibromo-3-chloropropane	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
1,2-Dibromoethane	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
1,2-Dichlorobenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
1,2-Dichloroethane	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
1,2-Dichloroethene, Total		5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
1,2-Dichloropropane	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
1,3,5-Trimethylbenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
1,3-Dichlorobenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
1,3-Dichloropropane	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
1,3-Dichloropropene, Total		5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
1,4-Dichloro-2-butene, Total		10.0		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
1,4-Dichlorobenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
1-Chlorobutane	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
2,2-Dichloropropane	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
2-Butanone	NELAP	25.0		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
2-Chloroethyl vinyl ether	NELAP	20.0		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
2-Chlorotoluene	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
2-Hexanone	NELAP	25.0		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
2-Nitropropane	NELAP	50.0		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
4-Chlorotoluene	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
4-Methyl-2-pentanone	NELAP	25.0		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Acetone	NELAP	25.0		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Acetonitrile	NELAP	50.0		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Acrolein	NELAP	100		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-031
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: Trip Blank
Collection Date: 3/12/2009 3:00:00 PM
Matrix: TRIP BLANK

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acrylonitrile	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Allyl chloride	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Benzene	NELAP	2.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Bromobenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Bromochloromethane	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Bromodichloromethane	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Bromoform	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Bromomethane	NELAP	10.0		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Butyl acetate		25.0		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Carbon disulfide	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Carbon tetrachloride	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Chlorobenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Chloroethane	NELAP	10.0		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Chloroform	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Chloromethane	NELAP	10.0		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Chloroprene	NELAP	20.0		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
cis-1,2-Dichloroethene	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
cis-1,3-Dichloropropene	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
cis-1,4-Dichloro-2-butene	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Cyclohexanone		50.0		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Dibromochloromethane	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Dibromomethane	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Dichlorodifluoromethane	NELAP	10.0		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Diisopropyl ether		2.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Ethyl acetate	NELAP	10.0		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Ethyl ether	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Ethyl methacrylate	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Ethylbenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Ethyl-tert-butyl ether		2.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Heptane		20.0		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Hexachlorobutadiene	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Hexachloroethane	NELAP	10.0		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Iodomethane	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Isopropylbenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
m,p-Xylenes	NELAP	5.00	J	2.4	µg/L	1	3/17/2009 11:54:00 AM	JSA
Methacrylonitrile	NELAP	10.0		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Methyl Methacrylate	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Methyl tert-butyl ether	NELAP	2.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-031
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: Trip Blank
Collection Date: 3/12/2009 3:00:00 PM
Matrix: TRIP BLANK

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Methylacrylate		10.0		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Methylene chloride	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Naphthalene	NELAP	10.0		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
n-Butylbenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
n-Hexane		20.0		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Nitrobenzene	NELAP	50.0		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
n-Propylbenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
o-Xylene	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Pentachloroethane	NELAP	20.0		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
p-Isopropyltoluene	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Propionitrile	NELAP	50.0		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
sec-Butylbenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Styrene	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
tert-Amyl methyl ether		2.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
tert-Butyl alcohol		25.0		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
tert-Butylbenzene	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Tetrachloroethene	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Tetrahydrofuran	NELAP	20.0		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Toluene	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
TPH - GRO (C6 - C10)		500		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
trans-1,2-Dichloroethene	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
trans-1,3-Dichloropropene	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
trans-1,4-Dichloro-2-butene	NELAP	10.0		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Trichloroethene	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Trichlorofluoromethane	NELAP	5.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Vinyl acetate	NELAP	10.0		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Vinyl chloride	NELAP	2.00		ND	µg/L	1	3/17/2009 11:54:00 AM	JSA
Xylenes, Total	NELAP	5.00	J	2.4	µg/L	1	3/17/2009 11:54:00 AM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		102.0	%REC	1	3/17/2009 11:54:00 AM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		99.4	%REC	1	3/17/2009 11:54:00 AM	JSA
Surr: Dibromofluoromethane		66.6-130		97.3	%REC	1	3/17/2009 11:54:00 AM	JSA
Surr: Toluene-d8		80.1-122		103.4	%REC	1	3/17/2009 11:54:00 AM	JSA

Sample Narrative

TEKLAB, INC.

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: Barr Engineering Company
WorkOrder: 09030449
Lab ID: 09030449-032
Report Date: 20-Mar-09

Client Project: Old Sutherland Lumber
Client Sample ID: Rinsate
Collection Date: 3/12/2009 9:15:00 AM
Matrix: AQUEOUS

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)								
Arsenic	NELAP	0.0250		< 0.0250	mg/L	1	3/16/2009 1:56:55 PM	LAL
Lead	NELAP	0.0400		< 0.0400	mg/L	1	3/16/2009 1:56:55 PM	LAL

Sample Narrative

ANALYTICAL QC SUMMARY REPORT

Key QC concepts:

CCV Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.

DF Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilutions factors.

DUP Laboratory duplicate is an aliquot of a sample taken from the same container under laboratory conditions for independent processing and analysis independently of the original aliquot. (NELAC)

ICV Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.

LCS Laboratory control sample, spiked with verified known amounts of analytes, is analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system. (NELAC) The acceptable recovery range is listed in this report.

MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in this report.

MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in this report.

MDL Method detection limit or limit of detection (LOD) means the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

MB/LCB Method blank or lab control blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences are present at concentrations that impact the analytical results for sample analyses. (NELAC)

PQL Practical quantitation limit or limit of quantitation (LOQ) means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions. The acceptable recovery range is listed in this report.

RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.

RPD Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in this report.

SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes. (NELAC)

Surr Surrogates are an organic compound which is similar to the analytes of interest in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples.

Qualifiers

DF - Dilution Factor	**B** - Analyte detected in the associated Method Blank	**C** - Client requested RL below PQL	**MI** - Matrix interference
RL - Reporting Limit	**J** - Analyte detected below reporting limits	**D** - Diluted out of sample	**DNI** - Did not ignite
ND - Not Detected at the Reporting Limit	**R** - RPD outside accepted recovery limits	**IDPH** - IL Dept. of Public Health	**E** - Value above quantitation range
Surr - Surrogate Standard added by lab	**S** - Spike Recovery outside accepted recovery limits	**Q** - QC criteria failed	**H** - Holding time exceeded
TNTC - Too numerous to count (> 200 CFU)	**X** - Value exceeds Maximum Contaminant Level	**#** - Unknown hydrocarbon	**NELAP** - IL ELAP and NELAP Accredited

Client: Barr Engineering Company
Project: Old Sutherland Lumber
Lab Order: 09030449 **Report Date:** *20-Mar-09*

ANALYTICAL QC SUMMARY REPORT

TestCode: I_TS_M_MT

Sample ID: LCS-R120017	SampType: LCS			Units: %		Prep Date:		RunNo: 120017		
Client ID: ZZZZZZ	Batch ID: R120017					Analysis Date: 3/13/2009		SeqNo: 2222419		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Solids	1.0	0.1	1.000	0	99.0	90	110				

Sample ID: LCSQC	SampType: LCSQC			Units: %		Prep Date:		RunNo: 120017		
Client ID: ZZZZZZ	Batch ID: R120017					Analysis Date: 3/13/2009		SeqNo: 2222420		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Solids	1.0	0.1	1.000	0	99.0	90	110				

Sample ID: 09030449-001BDUP	SampType: DUP			Units: %		Prep Date:		RunNo: 120017		
Client ID: B-1-SSDUP	Batch ID: R120017					Analysis Date: 3/13/2009		SeqNo: 2222422		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Solids	82.5	0.1						82.72	0.278	15	

Sample ID: 09030487-001ADUP	SampType: DUP			Units: %		Prep Date:		RunNo: 120017		
Client ID: ZZZZZZ	Batch ID: R120017					Analysis Date: 3/13/2009		SeqNo: 2222440		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Solids	55.8	0.1						55.80	0.0717	15	

Sample ID: 09030498-001ADUP	SampType: DUP			Units: %		Prep Date:		RunNo: 120017		
Client ID: ZZZZZZ	Batch ID: R120017					Analysis Date: 3/13/2009		SeqNo: 2222470		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Solids	74.5	0.1						73.50	1.34	15	

Client: Barr Engineering Company
Project: Old Sutherland Lumber
Lab Order: 09030449 **Report Date:** *20-Mar-09*

ANALYTICAL QC SUMMARY REPORT

TestCode: M_AQ_ICP_ST

Sample ID: MB-51584	SampType: MBLK			Units: mg/L		Prep Date: 3/13/2009			RunNo: 120008		
Client ID: ZZZZZZ	Batch ID: 51584			SOP 3034		Analysis Date: 3/16/2009			SeqNo: 2222768		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	< 0.0250	0.0250	0.02500	0	0	-100	100				
Lead	< 0.0400	0.0400	0.04000	0	0	-100	100				

Sample ID: LCS-51584	SampType: LCS			Units: mg/L		Prep Date: 3/13/2009			RunNo: 120008		
Client ID: ZZZZZZ	Batch ID: 51584			SOP 3034		Analysis Date: 3/16/2009			SeqNo: 2222769		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	2.07	0.0250	2.000	0	103.4	85	115				
Lead	0.513	0.0400	0.5000	0	102.6	85	115				

Sample ID: 09030450-001BMS	SampType: MS			Units: mg/L		Prep Date: 3/13/2009			RunNo: 120008		
Client ID: ZZZZZZ	Batch ID: 51584			SOP 3034		Analysis Date: 3/16/2009			SeqNo: 2222772		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	2.11	0.0250	2.000	0.02720	104.3	75	125				
Lead	0.753	0.0400	0.5000	0.2550	99.6	75	125				

Sample ID: 09030450-001BMSD	SampType: MSD			Units: mg/L		Prep Date: 3/13/2009			RunNo: 120008		
Client ID: ZZZZZZ	Batch ID: 51584			SOP 3034		Analysis Date: 3/16/2009			SeqNo: 2222773		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	2.08	0.0250	2.000	0.02720	102.5	75	125	2.113	1.72	20	
Lead	0.753	0.0400	0.5000	0.2550	99.6	75	125	0.7531	0.0133	20	

Sample ID: 09030449-032AMS	SampType: MS			Units: mg/L		Prep Date: 3/13/2009			RunNo: 120008		
Client ID: RinsateMS	Batch ID: 51584			SOP 3034		Analysis Date: 3/16/2009			SeqNo: 2222891		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	2.13	0.0250	2.000	0	106.4	75	125				
Lead	0.506	0.0400	0.5000	0	101.6	75	125				

Client: Barr Engineering Company
Project: Old Sutherland Lumber
Lab Order: 09030449 **Report Date:** *20-Mar-09*

ANALYTICAL QC SUMMARY REPORT

TestCode: M_AQ_ICP_ST

Sample ID: 09030449-032AMSD	SampType: MSD			Units: mg/L		Prep Date: 3/13/2009			RunNo: 120008		
Client ID: RinsateMSD	Batch ID: 51584			SOP 3034		Analysis Date: 3/16/2009			SeqNo: 2222952		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	2.14	0.0250	2.000	0	106.8	75	125	2.129	0.375	20	
Lead	0.504	0.0400	0.5000	0	100.8	75	125	0.5081	0.810	20	

Sample ID: 09030452-006AMS	SampType: MS			Units: mg/L		Prep Date: 3/13/2009			RunNo: 120008		
Client ID: ZZZZZZ	Batch ID: 51584			SOP 3034		Analysis Date: 3/16/2009			SeqNo: 2223063		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.532	0.0400	0.5000	0.04570	97.2	75	125				

Sample ID: 09030452-006AMSD	SampType: MSD			Units: mg/L		Prep Date: 3/13/2009			RunNo: 120008		
Client ID: ZZZZZZ	Batch ID: 51584			SOP 3034		Analysis Date: 3/16/2009			SeqNo: 2223064		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.521	0.0400	0.5000	0.04570	95.1	75	125	0.5318	2.05	20	

Client: Barr Engineering Company
Project: Old Sutherland Lumber
Lab Order: 09030449 **Report Date:** *20-Mar-09*

ANALYTICAL QC SUMMARY REPORT

TestCode: M_SOLIDS_ICP

Sample ID: MB-51605	SampType: MBLK			Units: mg/Kg-dry		Prep Date: 3/16/2009			RunNo: 120051		
Client ID: ZZZZZZ	Batch ID: 51605			SOP 3032		Analysis Date: 3/17/2009			SeqNo: 2223449		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	< 2.50	2.50	2.500	0	0	-100	100				
Lead	< 4.00	4.00	4.000	0	0	-100	100				

Sample ID: LCS-51605	SampType: LCS			Units: mg/Kg-dry		Prep Date: 3/16/2009			RunNo: 120051		
Client ID: ZZZZZZ	Batch ID: 51605			SOP 3032		Analysis Date: 3/17/2009			SeqNo: 2223450		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	200	2.50	200.0	0	99.9	85	115				
Lead	50.3	4.00	50.00	0	100.6	85	115				

Sample ID: 09030444-007AMS	SampType: MS			Units: mg/Kg-dry		Prep Date: 3/16/2009			RunNo: 120051		
Client ID: ZZZZZZ	Batch ID: 51605			SOP 3032		Analysis Date: 3/17/2009			SeqNo: 2223527		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	192	4.81	192.3	14.02	92.3	75	125				

Sample ID: 09030444-007AMSD	SampType: MSD			Units: mg/Kg-dry		Prep Date: 3/16/2009			RunNo: 120051		
Client ID: ZZZZZZ	Batch ID: 51605			SOP 3032		Analysis Date: 3/17/2009			SeqNo: 2223528		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	197	4.81	192.3	14.02	95.3	75	125	191.6	2.96	20	

Sample ID: MB-51606	SampType: MBLK			Units: mg/Kg-dry		Prep Date: 3/16/2009			RunNo: 120080		
Client ID: ZZZZZZ	Batch ID: 51606			SOP 3032		Analysis Date: 3/17/2009			SeqNo: 2223625		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	< 4.00	4.00	4.000	0	0	-100	100				

Client: Barr Engineering Company
Project: Old Sutherland Lumber
Lab Order: 09030449 **Report Date:** *20-Mar-09*

ANALYTICAL QC SUMMARY REPORT

TestCode: M_SOLIDS_ICP

Sample ID: LCS-51606	SampType: LCS			Units: mg/Kg-dry		Prep Date: 3/16/2009			RunNo: 120080		
Client ID: ZZZZZZ	Batch ID: 51606			SOP 3032		Analysis Date: 3/17/2009			SeqNo: 2223626		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	47.5	4.00	50.00	0	95.0	85	115				

Sample ID: 09030461-002AMS	SampType: MS			Units: mg/Kg-dry		Prep Date: 3/16/2009			RunNo: 120080		
Client ID: ZZZZZZ	Batch ID: 51606			SOP 3032		Analysis Date: 3/17/2009			SeqNo: 2223630		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	52.6	4.00	50.00	7.160	90.8	75	125				

Sample ID: 09030461-002AMSD	SampType: MSD			Units: mg/Kg-dry		Prep Date: 3/16/2009			RunNo: 120080		
Client ID: ZZZZZZ	Batch ID: 51606			SOP 3032		Analysis Date: 3/17/2009			SeqNo: 2223631		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	53.2	4.00	50.00	7.160	92.1	75	125	52.57	1.25	20	

Sample ID: 09030449-005BMS	SampType: MS			Units: mg/Kg-dry		Prep Date: 3/16/2009			RunNo: 120051		
Client ID: B-3-SSMS	Batch ID: 51605			SOP 3032		Analysis Date: 3/17/2009			SeqNo: 2223891		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	176	2.36	188.7	13.31	86.4	75	125				
Lead	1130	3.77	47.17	1020	228.0	75	125				S

Sample ID: 09030449-005BMSD	SampType: MSD			Units: mg/Kg-dry		Prep Date: 3/16/2009			RunNo: 120051		
Client ID: B-3-SSMSD	Batch ID: 51605			SOP 3032		Analysis Date: 3/17/2009			SeqNo: 2223892		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	188	2.36	188.7	13.31	92.5	75	125	176.4	6.32	20	
Lead	1110	3.77	47.17	1020	184.0	75	125	1127	1.86	20	S

Client: Barr Engineering Company
Project: Old Sutherland Lumber
Lab Order: 09030449 **Report Date:** *20-Mar-09*

ANALYTICAL QC SUMMARY REPORT

TestCode: M_SOLIDS_ICP

Sample ID: MB-51606	SampType: MBLK			Units: mg/Kg-dry		Prep Date: 3/16/2009			RunNo: 120051		
Client ID: ZZZZZZ	Batch ID: 51606			SOP 3032		Analysis Date: 3/17/2009			SeqNo: 2223901		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	< 4.00	4.00	4.000	0	0	-100	100				

Sample ID: LCS-51606	SampType: LCS			Units: mg/Kg-dry		Prep Date: 3/16/2009			RunNo: 120051		
Client ID: ZZZZZZ	Batch ID: 51606			SOP 3032		Analysis Date: 3/17/2009			SeqNo: 2223902		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	48.9	4.00	50.00	0	97.8	85	115				

Sample ID: 09030449-016AMS	SampType: MS			Units: mg/Kg-dry		Prep Date: 3/16/2009			RunNo: 120051		
Client ID: S-4MS	Batch ID: 51606			SOP 3032		Analysis Date: 3/17/2009			SeqNo: 2223908		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	99.7	4.00	50.00	50.92	97.6	75	125				

Sample ID: 09030449-016AMSD	SampType: MSD			Units: mg/Kg-dry		Prep Date: 3/16/2009			RunNo: 120051		
Client ID: S-4MSD	Batch ID: 51606			SOP 3032		Analysis Date: 3/17/2009			SeqNo: 2223909		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	91.3	4.00	50.00	50.92	80.8	75	125	99.74	8.62	20	

Sample ID: MB-51606	SampType: MBLK			Units: mg/Kg-dry		Prep Date: 3/16/2009			RunNo: 120116		
Client ID: ZZZZZZ	Batch ID: 51606			SOP 3032		Analysis Date: 3/18/2009			SeqNo: 2224593		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	1.4	2.50	2.500	0	57.2	-100	100				J
Lead	< 4.00	4.00	4.000	0	0	-100	100				

Client: Barr Engineering Company
Project: Old Sutherland Lumber
Lab Order: 09030449 **Report Date:** *20-Mar-09*

ANALYTICAL QC SUMMARY REPORT

TestCode: M_SOLIDS_ICP

Sample ID: LCS-51606	SampType: LCS			Units: mg/Kg-dry		Prep Date: 3/16/2009			RunNo: 120116		
Client ID: ZZZZZZ	Batch ID: 51606			SOP 3032		Analysis Date: 3/18/2009			SeqNo: 2224594		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	192	2.50	200.0	0	96.2	85	115				
Lead	48.8	4.00	50.00	0	97.6	85	115				

Sample ID: 09030449-016AMS	SampType: MS			Units: mg/Kg-dry		Prep Date: 3/16/2009			RunNo: 120116		
Client ID: S-4MS	Batch ID: 51606			SOP 3032		Analysis Date: 3/18/2009			SeqNo: 2224598		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	180	2.50	200.0	5.370	87.3	75	125				

Sample ID: 09030449-016AMSD	SampType: MSD			Units: mg/Kg-dry		Prep Date: 3/16/2009			RunNo: 120116		
Client ID: S-4MSD	Batch ID: 51606			SOP 3032		Analysis Date: 3/18/2009			SeqNo: 2224599		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	177	2.50	200.0	5.370	85.9	75	125	179.9	1.57	20	

Sample ID: MB-51605	SampType: MBLK			Units: mg/Kg-dry		Prep Date: 3/16/2009			RunNo: 120116		
Client ID: ZZZZZZ	Batch ID: 51605			SOP 3032		Analysis Date: 3/18/2009			SeqNo: 2224611		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	< 2.50	2.50	2.500	0	0	-100	100				
Lead	< 4.00	4.00	4.000	0	0	-100	100				

Sample ID: LCS-51605	SampType: LCS			Units: mg/Kg-dry		Prep Date: 3/16/2009			RunNo: 120116		
Client ID: ZZZZZZ	Batch ID: 51605			SOP 3032		Analysis Date: 3/18/2009			SeqNo: 2224612		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	183	2.50	200.0	0	91.7	85	115				
Lead	49.5	4.00	50.00	0	99.0	85	115				

Client: Barr Engineering Company
Project: Old Sutherland Lumber
Lab Order: 09030449 **Report Date:** *20-Mar-09*

ANALYTICAL QC SUMMARY REPORT

TestCode: SV_TPH_DRO_S

Sample ID: MB-51629	SampType: MBLK			Units: mg/Kg		Prep Date: 3/17/2009			RunNo: 120104		
Client ID: ZZZZZZ	Batch ID: 51629			SW3550B		Analysis Date: 3/17/2009			SeqNo: 2224054		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	ND	0.0340									
Anthracene	ND	0.0340									
Benzo(a)anthracene	ND	0.0340									
Benzo(a)pyrene	ND	0.0340									
Benzo(b)fluoranthene	ND	0.0340									
Benzo(k)fluoranthene	ND	0.0340									
Chrysene	ND	0.0340									
Dibenzo(a,h)anthracene	ND	0.0340									
Fluoranthene	ND	0.0340									
Fluorene	ND	0.0340									
Pyrene	ND	0.0340									
TPH-DRO (C10 - C21)	ND	12.0									
TPH-ORO (C21 - C35)	ND	12.0									
Surr: 2-Fluorobiphenyl	0.633		0.8350		75.8	46.3	114				
Surr: Nitrobenzene-d5	0.563		0.8350		67.4	44.1	102				
Surr: p-Terphenyl-d14	0.627		0.8350		75.1	50.6	127				

Sample ID: LCS-51629	SampType: LCS			Units: mg/Kg		Prep Date: 3/17/2009			RunNo: 120104		
Client ID: ZZZZZZ	Batch ID: 51629			SW3550B		Analysis Date: 3/17/2009			SeqNo: 2224055		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	1.14	0.0340	1.670	0	68.2	50.8	113				
Anthracene	1.08	0.0340	1.670	0	64.8	53.3	115				
Benzo(a)anthracene	1.10	0.0340	1.670	0	66.0	62.3	110				
Benzo(a)pyrene	1.16	0.0340	1.670	0	69.7	58.2	109				
Benzo(b)fluoranthene	1.09	0.0340	1.670	0	65.1	51.8	107				
Benzo(k)fluoranthene	1.21	0.0340	1.670	0	72.4	63.1	129				
Chrysene	1.13	0.0340	1.670	0	67.8	58.4	115				
Dibenzo(a,h)anthracene	1.19	0.0340	1.670	0	71.2	54.9	120				
Fluoranthene	1.12	0.0340	1.670	0	67.3	61.6	113				
Fluorene	1.14	0.0340	1.670	0	68.4	52.2	116				

Client: Barr Engineering Company
Project: Old Sutherland Lumber
Lab Order: 09030449 **Report Date:** *20-Mar-09*

ANALYTICAL QC SUMMARY REPORT

TestCode: SV_TPH_DRO_S

Sample ID: LCS-51629	SampType: LCS			Units: mg/Kg		Prep Date: 3/17/2009			RunNo: 120104		
Client ID: ZZZZZZ	Batch ID: 51629			SW3550B		Analysis Date: 3/17/2009			SeqNo: 2224055		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pyrene	1.15	0.0340	1.670	0	68.9	60.7	115				
Surr: 2-Fluorobiphenyl	0.664		0.8350		79.6	46.3	114				
Surr: Nitrobenzene-d5	0.624		0.8350		74.7	44.1	102				
Surr: p-Terphenyl-d14	0.688		0.8350		82.2	50.6	127				

Sample ID: LCSDRO-51629	SampType: LCS			Units: mg/Kg		Prep Date: 3/17/2009			RunNo: 120104		
Client ID: ZZZZZZ	Batch ID: 51629			SW3550B		Analysis Date: 3/17/2009			SeqNo: 2224056		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-DRO (C10 - C21)	13.5	12.0	16.70	0	80.8	17.2	146				
Surr: 2-Fluorobiphenyl	0.615		0.8350		73.7	46.3	114				
Surr: Nitrobenzene-d5	0.547		0.8350		65.5	44.1	102				
Surr: p-Terphenyl-d14	0.649		0.8350		77.7	50.6	127				

Sample ID: 09030445-004AMS	SampType: MS			Units: mg/Kg-dry		Prep Date: 3/17/2009			RunNo: 120104		
Client ID: ZZZZZZ	Batch ID: 51629			SW3550B		Analysis Date: 3/17/2009			SeqNo: 2224068		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-DRO (C10 - C21)	4310	355	19.75	3218	5527	34.5	160				S
Surr: 2-Fluorobiphenyl	1.09		0.9876		110.8	12	133				
Surr: Nitrobenzene-d5	0.680		0.9876		68.9	30.9	115				
Surr: p-Terphenyl-d14	0.867		0.9876		87.8	31.5	137				

Sample ID: 09030445-004AMSD	SampType: MSD			Units: mg/Kg-dry		Prep Date: 3/17/2009			RunNo: 120104		
Client ID: ZZZZZZ	Batch ID: 51629			SW3550B		Analysis Date: 3/17/2009			SeqNo: 2224069		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-DRO (C10 - C21)	3700	363	20.22	3218	2370	34.5	160	4309	15.3	30	S
Surr: 2-Fluorobiphenyl	1.04		1.011		102.8	12	133		0	0	
Surr: Nitrobenzene-d5	0.636		1.011		62.9	30.9	115		0	0	

Client: Barr Engineering Company
Project: Old Sutherland Lumber
Lab Order: 09030449 **Report Date:** *20-Mar-09*

ANALYTICAL QC SUMMARY REPORT

TestCode: SV_TPH_DRO_S

Sample ID: 09030445-004AMSD	SampType: MSD			Units: mg/Kg-dry		Prep Date: 3/17/2009			RunNo: 120104		
Client ID: ZZZZZZ	Batch ID: 51629			SW3550B		Analysis Date: 3/17/2009			SeqNo: 2224069		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: p-Terphenyl-d14	0.837		1.011		82.8	31.5	137		0	0	

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Client: Barr Engineering Company
Project: Old Sutherland Lumber
Lab Order: 09030449 **Report Date:** *20-Mar-09*

ANALYTICAL QC SUMMARY REPORT

TestCode: V_TPH_8260S_S

Sample ID: **LCS-A090317-1**	SampType: **LCS**			Units: **µg/Kg**		Prep Date: **3/17/2009**			RunNo: **120073**		
Client ID: **ZZZZZZ**	Batch ID: **51637**			**SW5035**		Analysis Date: **3/17/2009**			SeqNo: **2223535**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	52.8	5.00	50.00	0	105.6	77.5	121				
1,1-Dichloroethene	48.1	5.00	50.00	0	96.2	52	133				
1,2-Dibromoethane	52.4	5.00	50.00	0	104.8	65.2	119				
1,2-Dichlorobenzene	53.1	5.00	50.00	0	106.1	84.2	122				
1,2-Dichloroethane	52.5	5.00	50.00	0	105.1	71.1	125				
1,3-Dichlorobenzene	55.6	5.00	50.00	0	111.1	83.3	125				
1,4-Dichlorobenzene	55.4	5.00	50.00	0	110.8	81.9	128				
2-Butanone	78.4	50.0	100.0	0	78.4	39.1	105				
Benzene	55.0	1.00	50.00	0	110.0	77.9	123				
Bromodichloromethane	53.8	5.00	50.00	0	107.6	87.9	119				
Carbon tetrachloride	53.3	5.00	50.00	0	106.7	77.5	128				
Chlorobenzene	58.0	5.00	50.00	0	115.9	87.8	120				
Chloroform	53.2	5.00	50.00	0	106.3	81.5	119				
Dibromochloromethane	52.8	5.00	50.00	0	105.7	88.6	119				
Diisopropyl ether	60.2	5.00	50.00	0	120.3	70.5	126				
Ethylbenzene	55.3	5.00	50.00	0	110.5	80.9	119				
Ethyl-tert-butyl ether	55.2	5.00	50.00	0	110.5	69.5	126				
m,p-Xylenes	53.8	5.00	50.00	0	107.7	77.6	120				
Methyl tert-butyl ether	54.0	2.00	50.00	0	108.0	69.8	121				
Methylene chloride	53.2	5.00	50.00	0	106.4	71.5	124				
Naphthalene	54.1	10.0	50.00	0	108.1	75.7	123				
o-Xylene	52.5	5.00	50.00	0	105.1	82.4	124				
tert-Amyl methyl ether	56.0	5.00	50.00	0	112.1	78.3	121				
tert-Butyl alcohol	512	50.0	500.0	0	102.3	64.9	131				
Tetrachloroethene	50.1	5.00	50.00	0	100.2	74.2	113				
Toluene	55.9	5.00	50.00	0	111.8	80.2	115				
Trichloroethene	51.8	5.00	50.00	0	103.5	83.3	118				
Xylenes, Total	106	5.00	100.0	0	106.4	77.6	124				
Surr: 1,2-Dichloroethane-d4	50.3		50.00		100.5	61	128				
Surr: 4-Bromofluorobenzene	48.1		50.00		96.3	78.2	117				
Surr: Dibromofluoromethane	49.7		50.00		99.4	66.6	130				

Client: Barr Engineering Company
Project: Old Sutherland Lumber
Lab Order: 09030449 **Report Date:** *20-Mar-09*

ANALYTICAL QC SUMMARY REPORT

TestCode: V_TPH_8260S_S

Sample ID: LCS-A090317-1	SampType: LCS			Units: µg/Kg		Prep Date: 3/17/2009			RunNo: 120073		
Client ID: ZZZZZZ	Batch ID: 51637			SW5035		Analysis Date: 3/17/2009			SeqNo: 2223535		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	51.7		50.00		103.4	80.1	122				

Sample ID: LCSD-A090317-1	SampType: LCSD			Units: µg/Kg		Prep Date: 3/17/2009			RunNo: 120073		
Client ID: ZZZZZZ	Batch ID: 51637			SW5035		Analysis Date: 3/17/2009			SeqNo: 2223536		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	53.2	5.00	50.00	0	106.4	77.5	121	52.78	0.774	20	
1,1-Dichloroethene	48.7	5.00	50.00	0	97.4	52	133	48.09	1.26	20	
1,2-Dibromoethane	53.9	5.00	50.00	0	107.9	85.2	119	52.38	2.93	20	
1,2-Dichlorobenzene	54.5	5.00	50.00	0	109.0	84.2	122	53.07	2.64	20	
1,2-Dichloroethane	55.0	5.00	50.00	0	110.1	71.1	125	52.54	4.63	20	
1,3-Dichlorobenzene	55.5	5.00	50.00	0	111.1	83.3	125	55.57	0.0540	20	
1,4-Dichlorobenzene	55.8	5.00	50.00	0	111.5	81.9	128	55.38	0.702	20	
2-Butanone	83.4	50.0	100.0	0	83.4	39.1	105	78.37	6.17	20	
Benzene	53.9	1.00	50.00	0	107.8	77.9	123	55.02	2.08	20	
Bromodichloromethane	53.7	5.00	50.00	0	107.4	87.9	119	53.81	0.205	20	
Carbon tetrachloride	54.0	5.00	50.00	0	107.9	77.5	128	53.34	1.17	20	
Chlorobenzene	57.6	5.00	50.00	0	115.1	87.8	120	57.97	0.727	20	
Chloroform	53.6	5.00	50.00	0	107.3	81.5	119	53.17	0.880	20	
Dibromochloromethane	53.6	5.00	50.00	0	107.2	88.6	119	52.64	1.43	20	
Diisopropyl ether	59.9	5.00	50.00	0	119.8	70.5	126	60.17	0.433	20	
Ethylbenzene	55.9	5.00	50.00	0	111.9	80.9	119	55.26	1.22	20	
Ethyl-tert-butyl ether	57.2	5.00	50.00	0	114.3	69.5	126	55.23	3.45	20	
m,p-Xylenes	53.8	5.00	50.00	0	107.5	77.6	120	53.83	0.149	20	
Methyl tert-butyl ether	56.1	2.00	50.00	0	112.2	69.8	121	54.00	3.80	20	
Methylene chloride	53.8	5.00	50.00	0	107.6	71.5	124	53.21	1.12	20	
Naphthalene	57.0	10.0	50.00	0	114.0	75.7	123	54.07	5.26	20	
o-Xylene	52.1	5.00	50.00	0	104.3	82.4	124	52.54	0.783	20	
tert-Amyl methyl ether	56.6	5.00	50.00	0	113.3	78.3	121	56.05	1.05	20	
tert-Butyl alcohol	572	50.0	500.0	0	114.4	64.9	131	511.5	11.1	20	
Tetrachloroethene	49.3	5.00	50.00	0	98.6	74.2	113	50.12	1.65	20	

Client: Barr Engineering Company
Project: Old Sutherland Lumber
Lab Order: 09030449 **Report Date:** *20-Mar-09*

ANALYTICAL QC SUMMARY REPORT

TestCode: V_TPH_8260S_S

Sample ID: LCSD-A090317-1	SampType: LCSD			Units: µg/Kg		Prep Date: 3/17/2009			RunNo: 120073		
Client ID: ZZZZZZ	Batch ID: 51637			SW5035		Analysis Date: 3/17/2009			SeqNo: 2223536		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	55.2	5.00	50.00	0	110.4	80.2	115	55.91	1.30	20	
Trichloroethene	51.7	5.00	50.00	0	103.5	83.3	118	51.76	0.0386	20	
Xylenes, Total	106	5.00	100.0	0	105.9	77.6	124	105.4	0.462	20	
Surr: 1,2-Dichloroethane-d4	50.9		50.00		101.7	61	128		0	0	
Surr: 4-Bromofluorobenzene	47.8		50.00		95.7	78.2	117		0	0	
Surr: Dibromofluoromethane	49.1		50.00		98.3	66.6	130		0	0	
Surr: Toluene-d8	51.3		50.00		102.6	80.1	122		0	0	

Sample ID: LCSG-A090317-1	SampType: LCSG			Units: µg/Kg		Prep Date: 3/17/2009			RunNo: 120073		
Client ID: ZZZZZZ	Batch ID: 51637			SW5035		Analysis Date: 3/17/2009			SeqNo: 2223537		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH - GRO (C6 - C10)	1860	500	2000	0	93.1	70	130				
Surr: 1,2-Dichloroethane-d4	51.8		50.00		103.7	61	128				
Surr: 4-Bromofluorobenzene	48.5		50.00		97.0	78.2	117				
Surr: Dibromofluoromethane	48.0		50.00		95.9	66.6	130				
Surr: Toluene-d8	51.2		50.00		102.5	80.1	122				

Sample ID: LCSGD-A090317-1	SampType: LCSGD			Units: µg/Kg		Prep Date: 3/17/2009			RunNo: 120073		
Client ID: ZZZZZZ	Batch ID: 51637			SW5035		Analysis Date: 3/17/2009			SeqNo: 2223538		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH - GRO (C6 - C10)	1840	500	2000	0	92.1	70	130	1863	1.16	20	
Surr: 1,2-Dichloroethane-d4	49.2		50.00		98.5	61	128		0	0	
Surr: 4-Bromofluorobenzene	47.7		50.00		95.5	78.2	117		0	0	
Surr: Dibromofluoromethane	48.1		50.00		96.3	66.6	130		0	0	
Surr: Toluene-d8	51.6		50.00		103.1	80.1	122		0	0	

Client: Barr Engineering Company
Project: Old Sutherland Lumber
Lab Order: 09030449 **Report Date:** *20-Mar-09*

ANALYTICAL QC SUMMARY REPORT

TestCode: V_TPH_8260S_S

Sample ID: MBLK-A090317-1	SampType: MBLK			Units: µg/Kg		Prep Date: 3/17/2009			RunNo: 120073		
Client ID: ZZZZZZ	Batch ID: 51637			SW5035		Analysis Date: 3/17/2009			SeqNo: 2223539		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.00									
1,1,1-Trichloroethane	ND	5.00									
1,1,2,2-Tetrachloroethane	ND	5.00									
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.00									
1,1,2-Trichloroethane	ND	5.00									
1,1-Dichloro-2-propanone	ND	50.0									
1,1-Dichloroethane	ND	5.00									
1,1-Dichloroethene	ND	5.00									
1,1-Dichloropropene	ND	5.00									
1,2,3-Trichlorobenzene	ND	5.00									
1,2,3-Trichloropropane	ND	10.0									
1,2,3-Trimethylbenzene	ND	5.00									
1,2,4-Trichlorobenzene	ND	5.00									
1,2,4-Trimethylbenzene	ND	5.00									
1,2-Dibromo-3-chloropropane	ND	5.00									
1,2-Dibromoethane	ND	5.00									
1,2-Dichlorobenzene	ND	5.00									
1,2-Dichloroethane	ND	5.00									
1,2-Dichloropropane	ND	5.00									
1,3,5-Trimethylbenzene	ND	5.00									
1,3-Dichlorobenzene	ND	5.00									
1,3-Dichloropropane	ND	5.00									
1,4-Dichlorobenzene	ND	5.00									
1-Chlorobutane	ND	5.00									
2,2-Dichloropropane	ND	5.00									
2-Butanone	ND	50.0									
2-Chlorotoluene	ND	5.00									
2-Hexanone	ND	50.0									
2-Nitropropane	ND	50.0									
4-Chlorotoluene	ND	5.00									
4-Methyl-2-pentanone	ND	50.0									

Client: Barr Engineering Company
Project: Old Sutherland Lumber
Lab Order: 09030449 **Report Date:** *20-Mar-09*

ANALYTICAL QC SUMMARY REPORT

TestCode: V_TPH_8260S_S

Sample ID: **MBLK-A090317-1**	SampType: **MBLK**			Units: **µg/Kg**		Prep Date: **3/17/2009**		RunNo: **120073**			
Client ID: **ZZZZZZ**	Batch ID: **51637**			**SW5035**		Analysis Date: **3/17/2009**		SeqNo: **2223539**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	ND	50.0									
Acetonitrile	ND	100									
Acrolein	ND	100									
Acrylonitrile	ND	10.0									
Allyl chloride	ND	5.00									
Benzene	ND	1.00									
Bromobenzene	ND	5.00									
Bromochloromethane	ND	5.00									
Bromodichloromethane	ND	5.00									
Bromoform	ND	5.00									
Bromomethane	ND	10.0									
Carbon disulfide	ND	5.00									
Carbon tetrachloride	ND	5.00									
Chlorobenzene	ND	5.00									
Chloroethane	ND	10.0									
Chloroform	ND	5.00									
Chloromethane	ND	10.0									
cis-1,2-Dichloroethene	ND	5.00									
cis-1,3-Dichloropropene	ND	4.00									
Cyclohexanone	ND	100									
Dibromochloromethane	ND	5.00									
Dibromomethane	ND	5.00									
Dichlorodifluoromethane	ND	10.0									
Diisopropyl ether	ND	5.00									
Ethyl acetate	ND	50.0									
Ethyl ether	ND	5.00									
Ethyl methacrylate	ND	5.00									
Ethylbenzene	ND	5.00									
Ethyl-tert-butyl ether	ND	5.00									
Heptane	ND	20.0									
Hexachlorobutadiene	ND	5.00									

ANALYTICAL QC SUMMARY REPORT

TestCode: V_TPH_8260S_S

Sample ID: MBLK-A090317-1	SampType: MBLK		Units: µg/Kg		Prep Date: 3/17/2009		RunNo: 120073			
Client ID: ZZZZZZ	Batch ID: 51637		5W5035		Analysis Date: 3/17/2009		SeqNo: 2223539			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachloroethane	ND	5.00									
Iodomethane	ND	10.0									
Isopropylbenzene	ND	5.00									
m,p-Xylenes	ND	5.00									
Methacrylonitrile	ND	50.0									
Methyl Methacrylate	ND	5.00									
Methyl tert-butyl ether	ND	2.00									
Methylacrylate	ND	10.0									
Methylene chloride	ND	5.00									
Naphthalene	ND	10.0									
n-Butylbenzene	ND	5.00									
n-Hexane	ND	20.0									
Nitrobenzene	ND	100									
n-Propylbenzene	ND	5.00									
o-Xylene	ND	5.00									
Pentachloroethane	ND	5.00									
p-Isopropyltoluene	ND	5.00									
Propionitrile	ND	50.0									
sec-Butylbenzene	ND	5.00									
Styrene	ND	5.00									
tert-Amyl methyl ether	ND	5.00									
tert-Butyl alcohol	ND	50.0									
tert-Butylbenzene	ND	5.00									
Tetrachloroethene	ND	5.00									
Tetrahydrofuran	ND	50.0									
Toluene	ND	5.00									
TPH - GRO (C6 - C10)	ND	500									
trans-1,2-Dichloroethene	ND	5.00									
trans-1,3-Dichloropropene	ND	4.00									
trans-1,4-Dichloro-2-butene	ND	10.0									
Trichloroethene	ND	5.00									

Client: Barr Engineering Company
Project: Old Sutherland Lumber
Lab Order: 09030449 **Report Date:** *20-Mar-09*

ANALYTICAL QC SUMMARY REPORT

TestCode: V_TPH_8260S_S

Sample ID: MBLK-A090317-1	SampType: MBLK			Units: µg/Kg		Prep Date: 3/17/2009		RunNo: 120073		
Client ID: ZZZZZZ	Batch ID: 51637			SW5035		Analysis Date: 3/17/2009		SeqNo: 2223539		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichlorofluoromethane	ND	5.00									
Vinyl acetate	ND	50.0									
Vinyl chloride	ND	2.00									
Xylenes, Total	ND	5.00									
Surr: 1,2-Dichloroethane-d4	51.4		50.00		102.7	61	128				
Surr: 4-Bromofluorobenzene	48.1		50.00		96.2	78.2	117				
Surr: Dibromofluoromethane	50.0		50.00		100.1	66.6	130				
Surr: Toluene-d8	51.8		50.00		103.8	80.1	122				

Sample ID: LCS-F090318-1	SampType: LCS			Units: µg/Kg		Prep Date: 3/18/2009		RunNo: 120160		
Client ID: ZZZZZZ	Batch ID: 51673			SW5035		Analysis Date: 3/18/2009		SeqNo: 2224829		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	48.1	5.00	50.00	0	96.3	77.5	121				
1,1-Dichloroethene	41.7	5.00	50.00	0	83.5	52	133				
1,2-Dibromoethane	48.8	5.00	50.00	0	97.6	85.2	119				
1,2-Dichlorobenzene	50.8	5.00	50.00	0	101.7	84.2	122				
1,2-Dichloroethane	46.9	5.00	50.00	0	93.8	71.1	125				
1,3-Dichlorobenzene	52.2	5.00	50.00	0	104.3	83.3	125				
1,4-Dichlorobenzene	53.0	5.00	50.00	0	106.1	81.9	128				
2-Butanone	64.3	50.0	100.0	0	64.3	39.1	105				
Benzene	48.6	1.00	50.00	0	97.1	77.9	123				
Bromodichloromethane	48.6	5.00	50.00	0	97.3	87.9	119				
Carbon tetrachloride	49.8	5.00	50.00	0	99.7	77.5	128				
Chlorobenzene	52.4	5.00	50.00	0	104.8	87.8	120				
Chloroform	48.0	5.00	50.00	0	95.9	81.5	119				
Dibromochloromethane	49.7	5.00	50.00	0	99.4	88.6	119				
Diisopropyl ether	52.0	5.00	50.00	0	104.1	70.5	126				
Ethylbenzene	50.6	5.00	50.00	0	101.2	80.9	119				
Ethyl-tert-butyl ether	49.9	5.00	50.00	0	99.7	69.6	126				
m,p-Xylenes	49.9	5.00	50.00	0	99.8	77.6	120				

Client: Barr Engineering Company
Project: Old Sutherland Lumber
Lab Order: 09030449 **Report Date:** *20-Mar-09*

ANALYTICAL QC SUMMARY REPORT

TestCode: V_TPH_8260S_S

Sample ID: LCS-F090318-1	SampType: LCS			Units: µg/Kg		Prep Date: 3/18/2009		RunNo: 120160		
Client ID: ZZZZZZ	Batch ID: 51673			SW5035		Analysis Date: 3/18/2009		SeqNo: 2224829		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether	49.4	2.00	50.00	0	98.7	69.8	121				
Methylene chloride	38.2	5.00	50.00	0	76.5	71.5	124				
Naphthalene	58.0	10.0	50.00	0	116.0	75.7	123				
o-Xylene	47.8	5.00	50.00	0	95.5	82.4	124				
tert-Amyl methyl ether	50.8	5.00	50.00	0	101.6	78.3	121				
tert-Butyl alcohol	515	50.0	500.0	0	103.0	64.9	131				
Tetrachloroethene	47.0	5.00	50.00	0	93.9	74.2	113				
Toluene	49.0	5.00	50.00	0	97.9	80.2	115				
Trichloroethene	48.4	5.00	50.00	0	96.9	83.3	118				
Xylenes, Total	97.7	5.00	100.0	0	97.7	77.6	124				
Surr: 1,2-Dichloroethane-d4	48.9		50.00		97.8	61	128				
Surr: 4-Bromofluorobenzene	48.1		50.00		96.2	78.2	117				
Surr: Dibromofluoromethane	49.3		50.00		98.6	66.6	130				
Surr: Toluene-d8	49.5		50.00		98.9	80.1	122				

Sample ID: LCSD-F090318-1	SampType: LCSD			Units: µg/Kg		Prep Date: 3/18/2009		RunNo: 120160			
Client ID: ZZZZZZ	Batch ID: 51673			SW5035		Analysis Date: 3/18/2009		SeqNo: 2224830			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	49.0	5.00	50.00	0	98.1	77.5	121	48.13	1.89	20	
1,1-Dichloroethene	42.8	5.00	50.00	0	85.6	52	133	41.74	2.55	20	
1,2-Dibromoethane	48.6	5.00	50.00	0	97.2	85.2	119	48.81	0.411	20	
1,2-Dichlorobenzene	50.8	5.00	50.00	0	101.7	84.2	122	50.84	0.0197	20	
1,2-Dichloroethane	48.1	5.00	50.00	0	96.2	71.1	125	46.91	2.50	20	
1,3-Dichlorobenzene	51.7	5.00	50.00	0	103.4	83.3	125	52.16	0.847	20	
1,4-Dichlorobenzene	52.8	5.00	50.00	0	105.5	81.9	128	53.03	0.491	20	
2-Butanone	61.1	50.0	100.0	0	61.1	39.1	105	64.28	5.14	20	
Benzene	48.0	1.00	50.00	0	98.0	77.9	123	48.56	0.861	20	
Bromodichloromethane	49.5	5.00	50.00	0	99.2	87.9	119	48.84	1.93	20	
Carbon tetrachloride	50.8	5.00	50.00	0	101.6	77.5	128	49.83	1.95	20	
Chlorobenzene	53.4	5.00	50.00	0	106.8	87.8	120	52.42	1.87	20	

Client: Barr Engineering Company
Project: Old Sutherland Lumber
Lab Order: 09030449 **Report Date:** *20-Mar-09*

ANALYTICAL QC SUMMARY REPORT

TestCode: V_TPH_8260S_S

Sample ID: LCSD-F090318-1	SampType: LCSD			Units: µg/Kg		Prep Date: 3/18/2009			RunNo: 120160		
Client ID: ZZZZZZ	Batch ID: 51673			SW5035		Analysis Date: 3/18/2009			SeqNo: 2224830		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroform	49.0	5.00	50.00	0	98.0	81.5	119	47.97	2.10	20	
Dibromochloromethane	50.1	5.00	50.00	0	100.1	88.6	119	49.69	0.762	20	
Diisopropyl ether	52.7	5.00	50.00	0	105.3	70.5	126	52.05	1.17	20	
Ethylbenzene	51.2	5.00	50.00	0	102.4	80.9	119	50.61	1.16	20	
Ethyl-tert-butyl ether	50.6	5.00	50.00	0	101.1	69.6	126	49.87	1.39	20	
m,p-Xylenes	50.1	5.00	50.00	0	100.2	77.6	120	49.90	0.400	20	
Methyl tert-butyl ether	49.3	2.00	50.00	0	98.6	69.8	121	49.36	0.122	20	
Methylene chloride	39.3	5.00	50.00	0	78.6	71.5	124	38.23	2.81	20	
Naphthalene	54.1	10.0	50.00	0	108.2	75.7	123	58.01	7.01	20	
o-Xylene	48.7	5.00	50.00	0	97.3	82.4	124	47.76	1.89	20	
tert-Amyl methyl ether	50.7	5.00	50.00	0	101.4	78.3	121	50.80	0.158	20	
tert-Butyl alcohol	458	50.0	500.0	0	91.6	64.9	131	514.8	11.7	20	
Tetrachloroethene	47.2	5.00	50.00	0	94.3	74.2	113	46.96	0.446	20	
Toluene	49.8	5.00	50.00	0	99.7	80.2	115	48.95	1.78	20	
Trichloroethene	49.1	5.00	50.00	0	98.2	83.3	118	48.43	1.41	20	
Xylenes, Total	98.8	5.00	100.0	0	98.8	77.6	124	97.66	1.13	20	
Surr: 1,2-Dichloroethane-d4	48.8		50.00		97.5	61	128		0	0	
Surr: 4-Bromofluorobenzene	48.3		50.00		96.6	78.2	117		0	0	
Surr: Dibromofluoromethane	50.2		50.00		100.5	66.6	130		0	0	
Surr: Toluene-d8	49.6		50.00		99.1	80.1	122		0	0	

Sample ID: LCSG-F090318-1	SampType: LCSG			Units: µg/Kg		Prep Date: 3/18/2009			RunNo: 120160		
Client ID: ZZZZZZ	Batch ID: 51673			SW5035		Analysis Date: 3/18/2009			SeqNo: 2224831		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH - GRO (C6 - C10)	1570	500	2000	0	78.6	70	130				
Surr: 1,2-Dichloroethane-d4	47.5		50.00		94.9	61	128				
Surr: 4-Bromofluorobenzene	48.2		50.00		96.5	78.2	117				
Surr: Dibromofluoromethane	48.0		50.00		95.9	66.6	130				
Surr: Toluene-d8	49.2		50.00		98.4	80.1	122				

Client: Barr Engineering Company
Project: Old Sutherland Lumber
Lab Order: 09030449 **Report Date:** *20-Mar-09*

ANALYTICAL QC SUMMARY REPORT

TestCode: V_TPH_8260S_S

Sample ID: LCSGD-F090318-1	SampType: LCSGD			Units: µg/Kg		Prep Date: 3/18/2009			RunNo: 120160		
Client ID: ZZZZZZ	Batch ID: 51673			SW5035		Analysis Date: 3/18/2009			SeqNo: 2224832		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH - GRO (C6 - C10)	1590	500	2000	0	79.6	70	130	1572	1.28	20	
Surr: 1,2-Dichloroethane-d4	47.5		50.00		95.0	61	128		0	0	
Surr: 4-Bromofluorobenzene	48.7		50.00		97.4	78.2	117		0	0	
Surr: Dibromofluoromethane	48.2		50.00		96.4	66.6	130		0	0	
Surr: Toluene-d8	49.4		50.00		98.7	80.1	122		0	0	

Sample ID: MBLK-F090318-1	SampType: MBLK			Units: µg/Kg		Prep Date: 3/18/2009			RunNo: 120160		
Client ID: ZZZZZZ	Batch ID: 51673			SW5035		Analysis Date: 3/18/2009			SeqNo: 2224833		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.00									
1,1,1-Trichloroethane	ND	5.00									
1,1,2,2-Tetrachloroethane	ND	5.00									
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.00									
1,1,2-Trichloroethane	ND	5.00									
1,1-Dichloro-2-propanone	ND	50.0									
1,1-Dichloroethane	ND	5.00									
1,1-Dichloroethene	ND	5.00									
1,1-Dichloropropene	ND	5.00									
1,2,3-Trichlorobenzene	ND	5.00									
1,2,3-Trichloropropane	ND	10.0									
1,2,3-Trimethylbenzene	ND	5.00									
1,2,4-Trichlorobenzene	ND	5.00									
1,2,4-Trimethylbenzene	ND	5.00									
1,2-Dibromo-3-chloropropane	ND	5.00									
1,2-Dibromoethane	ND	5.00									
1,2-Dichlorobenzene	ND	5.00									
1,2-Dichloroethane	ND	5.00									
1,2-Dichloropropane	ND	5.00									
1,3,5-Trimethylbenzene	ND	5.00									
1,3-Dichlorobenzene	ND	5.00									

Client: Barr Engineering Company
Project: Old Sutherland Lumber
Lab Order: 09030449 **Report Date:** *20-Mar-09*

ANALYTICAL QC SUMMARY REPORT

TestCode: V_TPH_8260S_S

Sample ID: **MBLK-F090318-1**	SampType: **MBLK**		Units: **µg/Kg**	Prep Date: **3/18/2009**		RunNo: **120160**	
Client ID: **ZZZZZZ**	Batch ID: **51673**		**SW5035**	Analysis Date: **3/18/2009**		SeqNo: **2224833**	

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichloropropane	ND	5.00									
1,4-Dichlorobenzene	ND	5.00									
1-Chlorobutane	ND	5.00									
2,2-Dichloropropane	ND	5.00									
2-Butanone	ND	50.0									
2-Chlorotoluene	ND	5.00									
2-Hexanone	ND	50.0									
2-Nitropropane	ND	50.0									
4-Chlorotoluene	ND	5.00									
4-Methyl-2-pentanone	ND	50.0									
Acetone	ND	50.0									
Acetonitrile	ND	100									
Acrolein	ND	100									
Acrylonitrile	ND	10.0									
Allyl chloride	ND	5.00									
Benzene	ND	1.00									
Bromobenzene	ND	5.00									
Bromochloromethane	ND	5.00									
Bromodichloromethane	ND	5.00									
Bromoform	ND	5.00									
Bromomethane	ND	10.0									
Carbon disulfide	ND	5.00									
Carbon tetrachloride	ND	5.00									
Chlorobenzene	ND	5.00									
Chloroethane	ND	10.0									
Chloroform	ND	5.00									
Chloromethane	ND	10.0									
cis-1,2-Dichloroethene	ND	5.00									
cis-1,3-Dichloropropene	ND	4.00									
Cyclohexanone	ND	100									
Dibromochloromethane	ND	5.00									

Client: Barr Engineering Company
Project: Old Sutherland Lumber
Lab Order: 09030449 **Report Date:** *20-Mar-09*

ANALYTICAL QC SUMMARY REPORT

TestCode: V_TPH_8260S_S

Sample ID: MBLK-F090318-1	SampType: MBLK			Units: µg/Kg		Prep Date: 3/18/2009		RunNo: 120160	
Client ID: ZZZZZZ	Batch ID: 51673			SW5035		Analysis Date: 3/18/2009		SeqNo: 2224833	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibromomethane	ND	5.00									
Dichlorodifluoromethane	ND	10.0									
Diisopropyl ether	ND	5.00									
Ethyl acetate	ND	50.0									
Ethyl ether	ND	5.00									
Ethyl methacrylate	ND	5.00									
Ethylbenzene	ND	5.00									
Ethyl-tert-butyl ether	ND	5.00									
Heptane	ND	20.0									
Hexachlorobutadiene	ND	5.00									
Hexachloroethane	ND	5.00									
Iodomethane	ND	10.0									
Isopropylbenzene	ND	5.00									
m,p-Xylenes	ND	5.00									
Methacrylonitrile	ND	50.0									
Methyl Methacrylate	ND	5.00									
Methyl tert-butyl ether	ND	2.00									
Methylacrylate	ND	10.0									
Methylene chloride	ND	5.00									
Naphthalene	ND	10.0									
n-Butylbenzene	ND	5.00									
n-Hexane	ND	20.0									
Nitrobenzene	ND	100									
n-Propylbenzene	ND	5.00									
o-Xylene	ND	5.00									
Pentachloroethane	ND	5.00									
p-Isopropyltoluene	ND	5.00									
Propionitrile	ND	50.0									
sec-Butylbenzene	ND	5.00									
Styrene	ND	5.00									
tert-Amyl methyl ether	ND	5.00									

Client: Barr Engineering Company
Project: Old Sutherland Lumber
Lab Order: 09030449 **Report Date:** *20-Mar-09*

ANALYTICAL QC SUMMARY REPORT

TestCode: V_TPH_8260S_S

Sample ID: MBLK-F090318-1	SampType: MBLK			Units: µg/Kg		Prep Date: 3/18/2009		RunNo: 120160			
Client ID: ZZZZZZ	Batch ID: 51673			SW5035		Analysis Date: 3/18/2009		SeqNo: 2224833			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
tert-Butyl alcohol	ND	50.0									
tert-Butylbenzene	ND	5.00									
Tetrachloroethene	ND	5.00									
Tetrahydrofuran	ND	50.0									
Toluene	ND	5.00									
TPH - GRO (C6 - C10)	ND	500									
trans-1,2-Dichloroethene	ND	5.00									
trans-1,3-Dichloropropene	ND	4.00									
trans-1,4-Dichloro-2-butene	ND	10.0									
Trichloroethene	ND	5.00									
Trichlorofluoromethane	ND	5.00									
Vinyl acetate	ND	50.0									
Vinyl chloride	ND	2.00									
Xylenes, Total	ND	5.00									
Surr: 1,2-Dichloroethane-d4	49.3		50.00		98.7	61	128				
Surr: 4-Bromofluorobenzene	48.5		50.00		97.1	78.2	117				
Surr: Dibromofluoromethane	50.0		50.00		100.1	66.6	130				
Surr: Toluene-d8	49.7		50.00		99.5	80.1	122				

Sample ID: LCS-F090319-1	SampType: LCS			Units: µg/Kg		Prep Date: 3/19/2009		RunNo: 120196			
Client ID: ZZZZZZ	Batch ID: 51691			SW5035		Analysis Date: 3/19/2009		SeqNo: 2225600			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	50.1	5.00	50.00	0	100.2	77.5	121				
1,1-Dichloroethene	42.0	5.00	50.00	0	84.0	52	133				
1,2-Dibromoethane	49.8	5.00	50.00	0	99.6	85.2	119				
1,2-Dichlorobenzene	51.3	5.00	50.00	0	102.7	84.2	122				
1,2-Dichloroethane	48.1	5.00	50.00	0	96.3	71.1	125				
1,3-Dichlorobenzene	53.4	5.00	50.00	0	106.9	83.3	125				
1,4-Dichlorobenzene	53.9	5.00	50.00	0	107.8	81.9	128				
2-Butanone	65.3	50.0	100.0	0	65.3	39.1	105				

Client: Barr Engineering Company
Project: Old Sutherland Lumber
Lab Order: 09030449 **Report Date:** *20-Mar-09*

ANALYTICAL QC SUMMARY REPORT

TestCode: V_TPH_8260S_S

Sample ID: LCS-F090319-1	SampType: LCS			Units: µg/Kg		Prep Date: 3/19/2009			RunNo: 120196		
Client ID: ZZZZZZ	Batch ID: 51691			SW5035		Analysis Date: 3/19/2009			SeqNo: 2225600		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	49.5	1.00	50.00	0	99.0	77.9	123				
Bromodichloromethane	50.3	5.00	50.00	0	100.5	87.9	119				
Carbon tetrachloride	51.3	5.00	50.00	0	102.5	77.5	128				
Chlorobenzene	53.8	5.00	50.00	0	107.7	87.8	120				
Chloroform	49.2	5.00	50.00	0	98.5	81.5	119				
Dibromochloromethane	50.9	5.00	50.00	0	101.9	88.6	119				
Diisopropyl ether	52.0	5.00	50.00	0	104.0	70.5	126				
Ethylbenzene	51.7	5.00	50.00	0	103.3	80.9	119				
Ethyl-tert-butyl ether	50.8	5.00	50.00	0	101.5	69.6	126				
m,p-Xylenes	51.9	5.00	50.00	0	103.9	77.6	120				
Methyl tert-butyl ether	50.4	2.00	50.00	0	100.8	69.8	121				
Methylene chloride	38.3	5.00	50.00	0	76.6	71.5	124				
Naphthalene	55.3	10.0	50.00	0	110.6	75.7	123				
o-Xylene	49.7	5.00	50.00	0	99.4	82.4	124				
tert-Amyl methyl ether	52.4	5.00	50.00	0	104.7	78.3	121				
tert-Butyl alcohol	468	50.0	500.0	0	93.6	64.9	131				
Tetrachloroethene	49.2	5.00	50.00	0	98.4	74.2	113				
Toluene	50.5	5.00	50.00	0	101.1	80.2	115				
Trichloroethene	51.2	5.00	50.00	0	102.4	83.3	116				
Xylenes, Total	102	5.00	100.0	0	101.6	77.6	124				
Surr: 1,2-Dichloroethane-d4	48.0		50.00		96.1	61	128				
Surr: 4-Bromofluorobenzene	50.0		50.00		100	78.2	117				
Surr: Dibromofluoromethane	49.9		50.00		99.7	66.6	130				
Surr: Toluene-d8	49.5		50.00		99.0	80.1	122				

Sample ID: LCSD-F090319-1	SampType: LCSD			Units: µg/Kg		Prep Date: 3/19/2009			RunNo: 120196		
Client ID: ZZZZZZ	Batch ID: 51691			SW5035		Analysis Date: 3/19/2009			SeqNo: 2225601		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	52.6	5.00	50.00	0	105.2	77.5	121	50.09	4.69	20	
1,1-Dichloroethene	43.8	5.00	50.00	0	87.6	52	133	41.99	4.20	20	

Client: Barr Engineering Company
Project: Old Sutherland Lumber
Lab Order: 09030449 **Report Date:** *20-Mar-09*

ANALYTICAL QC SUMMARY REPORT

TestCode: V_TPH_8260S_S

Sample ID: LCSD-F090319-1	SampType: LCSD			Units: µg/Kg		Prep Date: 3/19/2009			RunNo: 120196		
Client ID: ZZZZZZ	Batch ID: 51691			SW5035		Analysis Date: 3/19/2009			SeqNo: 2225601		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	53.8	5.00	50.00	0	107.7	85.2	119	49.78	7.84	20	
1,2-Dichlorobenzene	52.9	5.00	50.00	0	105.8	84.2	122	51.33	3.05	20	
1,2-Dichloroethane	50.4	5.00	50.00	0	100.8	71.1	125	48.13	4.57	20	
1,3-Dichlorobenzene	54.4	5.00	50.00	0	108.7	83.3	125	53.45	1.67	20	
1,4-Dichlorobenzene	55.6	5.00	50.00	0	111.2	81.9	128	53.88	3.11	20	
2-Butanone	69.7	50.0	100.0	0	69.7	39.1	105	65.31	6.53	20	
Benzene	51.2	1.00	50.00	0	102.4	77.9	123	49.48	3.40	20	
Bromodichloromethane	52.8	5.00	50.00	0	105.5	87.9	119	50.27	4.85	20	
Carbon tetrachloride	54.3	5.00	50.00	0	108.6	77.5	128	51.27	5.74	20	
Chlorobenzene	56.3	5.00	50.00	0	112.6	87.8	120	53.83	4.52	20	
Chloroform	51.2	5.00	50.00	0	102.4	81.5	119	49.24	3.92	20	
Dibromochloromethane	54.0	5.00	50.00	0	108.1	88.6	119	50.93	5.94	20	
Diisopropyl ether	54.7	5.00	50.00	0	109.4	70.5	126	52.02	5.06	20	
Ethylbenzene	53.9	5.00	50.00	0	107.8	80.9	119	51.66	4.28	20	
Ethyl-tert-butyl ether	53.8	5.00	50.00	0	107.7	69.6	126	50.77	5.85	20	
m,p-Xylenes	53.3	5.00	50.00	0	106.7	77.6	120	51.93	2.68	20	
Methyl tert-butyl ether	53.7	2.00	50.00	0	107.3	69.8	121	50.39	6.29	20	
Methylene chloride	39.9	5.00	50.00	0	79.8	71.5	124	38.31	4.07	20	
Naphthalene	59.4	10.0	50.00	0	118.8	75.7	123	55.32	7.13	20	
o-Xylene	52.0	5.00	50.00	0	103.9	82.4	124	49.69	4.47	20	
tert-Amyl methyl ether	55.3	5.00	50.00	0	110.7	78.3	121	52.36	5.52	20	
tert-Butyl alcohol	544	50.0	500.0	0	108.8	64.9	131	468.0	15.0	20	
Tetrachloroethene	50.8	5.00	50.00	0	101.5	74.2	113	49.22	3.06	20	
Toluene	52.3	5.00	50.00	0	104.6	80.2	115	50.53	3.40	20	
Trichloroethene	53.0	5.00	50.00	0	106.0	83.3	118	51.19	3.47	20	
Xylenes, Total	105	5.00	100.0	0	105.3	77.6	124	101.6	3.56	20	
Surr: 1,2-Dichloroethane-d4	48.6		50.00		97.3	61	126		0	0	
Surr: 4-Bromofluorobenzene	50.5		50.00		101.1	78.2	117		0	0	
Surr: Dibromofluoromethane	50.5		50.00		101.0	66.6	130		0	0	
Surr: Toluene-d8	49.9		50.00		99.8	80.1	122		0	0	

Client: Barr Engineering Company
Project: Old Sutherland Lumber
Lab Order: 09030449 **Report Date:** *20-Mar-09*

ANALYTICAL QC SUMMARY REPORT

TestCode: V_TPH_8260S_S

Sample ID: LCSG-F090319-1	SampType: LCSG			Units: µg/Kg		Prep Date: 3/19/2009			RunNo: 120196		
Client ID: ZZZZZZ	Batch ID: 51691			SW5035		Analysis Date: 3/19/2009			SeqNo: 2225602		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH - GRO (C6 - C10)	1710	500	2000	0	85.3	70	130				
Surr: 1,2-Dichloroethane-d4	47.8		50.00		95.6	61	128				
Surr: 4-Bromofluorobenzene	50.0		50.00		100	78.2	117				
Surr: Dibromofluoromethane	48.8		50.00		97.6	66.6	130				
Surr: Toluene-d8	48.7		50.00		97.4	80.1	122				

Sample ID: LCSGD-F090319-1	SampType: LCSGD			Units: µg/Kg		Prep Date: 3/19/2009			RunNo: 120196		
Client ID: ZZZZZZ	Batch ID: 51691			SW5035		Analysis Date: 3/19/2009			SeqNo: 2225603		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH - GRO (C6 - C10)	1850	500	2000	0	92.3	70	130	1705	7.88	20	
Surr: 1,2-Dichloroethane-d4	45.7		50.00		91.4	61	128		0	0	
Surr: 4-Bromofluorobenzene	49.9		50.00		99.7	78.2	117		0	0	
Surr: Dibromofluoromethane	47.7		50.00		95.5	66.6	130		0	0	
Surr: Toluene-d8	49.1		50.00		98.2	80.1	122		0	0	

Sample ID: MBLK-F090319-1	SampType: MBLK			Units: µg/Kg		Prep Date: 3/19/2009			RunNo: 120196		
Client ID: ZZZZZZ	Batch ID: 51691			SW5035		Analysis Date: 3/19/2009			SeqNo: 2225604		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.00									
1,1,1-Trichloroethane	ND	5.00									
1,1,2,2-Tetrachloroethane	ND	5.00									
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.00									
1,1,2-Trichloroethane	ND	5.00									
1,1-Dichloro-2-propanone	ND	50.0									
1,1-Dichloroethane	ND	5.00									
1,1-Dichloroethene	ND	5.00									
1,1-Dichloropropene	ND	5.00									
1,2,3-Trichlorobenzene	ND	5.00									

Client: Barr Engineering Company
Project: Old Sutherland Lumber
Lab Order: 09030449 **Report Date:** *20-Mar-09*

ANALYTICAL QC SUMMARY REPORT

TestCode: V_TPH_8260S_S

Sample ID: MBLK-F090319-1	SampType: MBLK			Units: µg/Kg		Prep Date: 3/19/2009			RunNo: 120196			
Client ID: ZZZZZZ	Batch ID: 51691			SW5035		Analysis Date: 3/19/2009			SeqNo: 2225604			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val		%RPD	RPDLimit	Qual
1,2,3-Trichloropropane	ND	10.0										
1,2,3-Trimethylbenzene	ND	5.00										
1,2,4-Trichlorobenzene	ND	5.00										
1,2,4-Trimethylbenzene	ND	5.00										
1,2-Dibromo-3-chloropropane	ND	5.00										
1,2-Dibromoethane	ND	5.00										
1,2-Dichlorobenzene	ND	5.00										
1,2-Dichloroethene	ND	5.00										
1,2-Dichloropropane	ND	5.00										
1,3,5-Trimethylbenzene	ND	5.00										
1,3-Dichlorobenzene	ND	5.00										
1,3-Dichloropropane	ND	5.00										
1,4-Dichlorobenzene	ND	5.00										
1-Chlorobutane	ND	5.00										
2,2-Dichloropropane	ND	5.00										
2-Butanone	ND	50.0										
2-Chlorotoluene	ND	5.00										
2-Hexanone	ND	50.0										
2-Nitropropane	ND	50.0										
4-Chlorotoluene	ND	5.00										
4-Methyl-2-pentanone	ND	50.0										
Acetone	ND	50.0										
Acetonitrile	ND	100										
Acrolein	ND	100										
Acrylonitrile	ND	10.0										
Allyl chloride	ND	5.00										
Benzene	ND	1.00										
Bromobenzene	ND	5.00										
Bromochloromethane	ND	5.00										
Bromodichloromethane	ND	5.00										
Bromoform	ND	5.00										

ANALYTICAL QC SUMMARY REPORT

TestCode: V_TPH_8260S_S

Sample ID: MBLK-F090319-1	SampType: MBLK		Units: µg/Kg	Prep Date: 3/19/2009	RunNo: 120196
Client ID: ZZZZZZ	Batch ID: 51691		SW5035	Analysis Date: 3/19/2009	SeqNo: 2225604

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromomethane	ND	10.0									
Carbon disulfide	ND	5.00									
Carbon tetrachloride	ND	5.00									
Chlorobenzene	ND	5.00									
Chloroethane	ND	10.0									
Chloroform	ND	5.00									
Chloromethane	ND	10.0									
cis-1,2-Dichloroethene	ND	5.00									
cis-1,3-Dichloropropene	ND	4.00									
Cyclohexanone	ND	100									
Dibromochloromethane	ND	5.00									
Dibromomethane	ND	5.00									
Dichlorodifluoromethane	ND	10.0									
Diisopropyl ether	ND	5.00									
Ethyl acetate	ND	50.0									
Ethyl ether	ND	5.00									
Ethyl methacrylate	ND	5.00									
Ethylbenzene	ND	5.00									
Ethyl-tert-butyl ether	ND	5.00									
Heptane	ND	20.0									
Hexachlorobutadiene	ND	5.00									
Hexachloroethane	ND	5.00									
Iodomethane	ND	10.0									
Isopropylbenzene	ND	5.00									
m,p-Xylenes	ND	5.00									
Methacrylonitrile	ND	50.0									
Methyl Methacrylate	ND	5.00									
Methyl tert-butyl ether	ND	2.00									
Methylacrylate	ND	10.0									
Methylene chloride	ND	5.00									
Naphthalene	ND	10.0									

Client: Barr Engineering Company
Project: Old Sutherland Lumber
Lab Order: 09030449 **Report Date:** *20-Mar-09*

ANALYTICAL QC SUMMARY REPORT

TestCode: V_TPH_8260S_S

Sample ID: MBLK-F090319-1	SampType: MBLK	Units: µg/Kg	Prep Date: 3/19/2009	RunNo: 120198
Client ID: ZZZZZZ	Batch ID: 51691	SW5035	Analysis Date: 3/19/2009	SeqNo: 2225604

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Butylbenzene	ND	5.00									
n-Hexane	ND	20.0									
Nitrobenzene	ND	100									
n-Propylbenzene	ND	5.00									
o-Xylene	ND	5.00									
Pentachloroethane	ND	5.00									
p-Isopropyltoluene	ND	5.00									
Propionitrile	ND	50.0									
sec-Butylbenzene	ND	5.00									
Styrene	ND	5.00									
tert-Amyl methyl ether	ND	5.00									
tert-Butyl alcohol	ND	50.0									
tert-Butylbenzene	ND	5.00									
Tetrachloroethene	ND	5.00									
Tetrahydrofuran	ND	50.0									
Toluene	ND	5.00									
TPH - GRO (C6 - C10)	ND	500									
trans-1,2-Dichloroethene	ND	5.00									
trans-1,3-Dichloropropene	ND	4.00									
trans-1,4-Dichloro-2-butene	ND	10.0									
Trichloroethene	ND	5.00									
Trichlorofluoromethane	ND	5.00									
Vinyl acetate	ND	50.0									
Vinyl chloride	ND	2.00									
Xylenes, Total	ND	5.00									
Surr: 1,2-Dichloroethane-d4	49.4		50.00		98.8	61	128				
Surr: 4-Bromofluorobenzene	49.4		50.00		98.8	78.2	117				
Surr: Dibromofluoromethane	51.0		50.00		101.9	66.6	130				
Surr: Toluene-d8	48.8		50.00		97.6	80.1	122				

Client: Barr Engineering Company
Project: Old Sutherland Lumber
Lab Order: 09030449 **Report Date:** *20-Mar-09*

ANALYTICAL QC SUMMARY REPORT

TestCode: V_TPH_8260S_W

Sample ID: **LCS-A090317-1**	SampType: **LCS**		Units: µg/L	Prep Date: **3/17/2009**		RunNo: **120103**	
Client ID: **ZZZZZZ**	Batch ID: **51647**		**SW5030**	Analysis Date: **3/17/2009**		SeqNo: **2224033**	

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	52.8	5.00	50.00	0	105.6	77.5	121				
1,1-Dichloroethene	48.1	5.00	50.00	0	96.2	52	133				
1,2-Dibromoethane	52.4	5.00	50.00	0	104.8	85.2	119				
1,2-Dichlorobenzene	53.1	5.00	50.00	0	106.1	84.2	122				
1,2-Dichloroethane	52.5	5.00	50.00	0	105.1	71.1	125				
1,3-Dichlorobenzene	55.6	5.00	50.00	0	111.1	83.3	125				
1,4-Dichlorobenzene	55.4	5.00	50.00	0	110.8	81.9	128				
2-Butanone	78.4	25.0	100.0	0	78.4	39.1	105				
Benzene	55.0	2.00	50.00	0	110.0	77.9	123				
Bromodichloromethane	53.8	5.00	50.00	0	107.6	87.9	119				
Carbon tetrachloride	53.3	5.00	50.00	0	106.7	77.5	128				
Chlorobenzene	58.0	5.00	50.00	0	115.9	87.8	120				
Chloroform	53.2	5.00	50.00	0	106.3	81.5	119				
Dibromochloromethane	52.8	5.00	50.00	0	105.7	88.6	119				
Diisopropyl ether	60.2	2.00	50.00	0	120.3	70.5	126				
Ethylbenzene	55.3	5.00	50.00	0	110.5	80.9	119				
Ethyl-tert-butyl ether	55.2	2.00	50.00	0	110.5	69.6	126				
m,p-Xylenes	53.8	5.00	50.00	0	107.7	77.6	120				
Methyl tert-butyl ether	54.0	2.00	50.00	0	108.0	69.8	121				
Methylene chloride	53.2	5.00	50.00	0	106.4	71.5	124				
Naphthalene	54.1	10.0	50.00	0	108.1	75.7	123				
o-Xylene	52.5	5.00	50.00	0	105.1	82.4	124				
tert-Amyl methyl ether	56.0	2.00	50.00	0	112.1	78.3	121				
tert-Butyl alcohol	512	25.0	500.0	0	102.3	84.9	131				
Tetrachloroethene	50.1	5.00	50.00	0	100.2	74.2	113				
Toluene	55.9	5.00	50.00	0	111.8	80.2	115				
Trichloroethene	51.8	5.00	50.00	0	103.5	83.3	118				
Xylenes, Total	106	5.00	100.0	0	106.4	77.6	124				
Surr: 1,2-Dichloroethane-d4	50.3		50.00		100.5	61	128				
Surr: 4-Bromofluorobenzene	48.1		50.00		96.3	78.2	117				
Surr: Dibromofluoromethane	49.7		50.00		99.4	66.6	130				

Client: Barr Engineering Company
Project: Old Sutherland Lumber
Lab Order: 09030449 **Report Date:** *20-Mar-09*

ANALYTICAL QC SUMMARY REPORT

TestCode: V_TPH_8260S_W

Sample ID: LCS-A090317-1	SampType: LCS			Units: µg/L		Prep Date: 3/17/2009			RunNo: 120103		
Client ID: ZZZZZZ	Batch ID: 51647			SW5030		Analysis Date: 3/17/2009			SeqNo: 2224033		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	51.7		50.00		103.4	80.1	122				

Sample ID: LCSD-A090317-1	SampType: LCSD			Units: µg/L		Prep Date: 3/17/2009			RunNo: 120103		
Client ID: ZZZZZZ	Batch ID: 51647			SW5030		Analysis Date: 3/17/2009			SeqNo: 2224034		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	53.2	5.00	50.00	0	106.4	77.5	121	52.78	0.774	20	
1,1-Dichloroethene	48.7	5.00	50.00	0	97.4	52	133	48.09	1.26	20	
1,2-Dibromoethane	53.9	5.00	50.00	0	107.9	85.2	119	52.38	2.93	20	
1,2-Dichlorobenzene	54.5	5.00	50.00	0	109.0	84.2	122	53.07	2.64	20	
1,2-Dichloroethane	55.0	5.00	50.00	0	110.1	71.1	125	52.54	4.63	20	
1,3-Dichlorobenzene	55.5	5.00	50.00	0	111.1	83.3	125	55.57	0.0540	20	
1,4-Dichlorobenzene	55.8	5.00	50.00	0	111.5	81.9	128	55.38	0.702	20	
2-Butanone	83.4	25.0	100.0	0	83.4	39.1	105	78.37	6.17	20	
Benzene	53.9	2.00	50.00	0	107.8	77.9	123	55.02	2.08	20	
Bromodichloromethane	53.7	5.00	50.00	0	107.4	87.9	119	53.81	0.205	20	
Carbon tetrachloride	54.0	5.00	50.00	0	107.9	77.5	128	53.34	1.17	20	
Chlorobenzene	57.6	5.00	50.00	0	115.1	87.8	120	57.97	0.727	20	
Chloroform	53.6	5.00	50.00	0	107.3	81.5	119	53.17	0.880	20	
Dibromochloromethane	53.6	5.00	50.00	0	107.2	88.6	119	52.84	1.43	20	
Diisopropyl ether	59.9	2.00	50.00	0	119.8	70.5	126	60.17	0.433	20	
Ethylbenzene	55.9	5.00	50.00	0	111.9	80.9	119	55.26	1.22	20	
Ethyl-tert-butyl ether	57.2	2.00	50.00	0	114.3	69.6	126	55.23	3.45	20	
m,p-Xylenes	53.8	5.00	50.00	0	107.5	77.6	120	53.83	0.149	20	
Methyl tert-butyl ether	56.1	2.00	50.00	0	112.2	69.8	121	54.00	3.80	20	
Methylene chloride	53.8	5.00	50.00	0	107.6	71.5	124	53.21	1.12	20	
Naphthalene	57.0	10.0	50.00	0	114.0	75.7	123	54.07	5.26	20	
o-Xylene	52.1	5.00	50.00	0	104.3	82.4	124	52.54	0.783	20	
tert-Amyl methyl ether	56.6	2.00	50.00	0	113.3	78.3	121	56.05	1.05	20	
tert-Butyl alcohol	572	25.0	500.0	0	114.4	64.9	131	511.5	11.1	20	
Tetrachloroethene	49.3	5.00	50.00	0	98.6	74.2	113	50.12	1.65	20	

Client: Barr Engineering Company
Project: Old Sutherland Lumber
Lab Order: 09030449 **Report Date:** *20-Mar-09*

ANALYTICAL QC SUMMARY REPORT

TestCode: V_TPH_8260S_W

Sample ID: LCSD-A090317-1	SampType: LCSD			Units: µg/L		Prep Date: 3/17/2009			RunNo: 120103		
Client ID: ZZZZZZ	Batch ID: 51647			SW5030		Analysis Date: 3/17/2009			SeqNo: 2224034		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	55.2	5.00	50.00	0	110.4	80.2	115	55.91	1.30	20	
Trichloroethene	51.7	5.00	50.00	0	103.5	83.3	118	51.76	0.0386	20	
Xylenes, Total	106	5.00	100.0	0	105.9	77.6	124	106.4	0.462	0	
Surr: 1,2-Dichloroethane-d4	50.9		50.00		101.7	61	128		0	0	
Surr: 4-Bromofluorobenzene	47.8		50.00		95.7	78.2	117		0	0	
Surr: Dibromofluoromethane	49.1		50.00		98.3	66.6	130		0	0	
Surr: Toluene-d8	51.3		50.00		102.6	80.1	122		0	0	

Sample ID: LCSG-A090317-1	SampType: LCSG			Units: µg/L		Prep Date: 3/17/2009			RunNo: 120103		
Client ID: ZZZZZZ	Batch ID: 51647			SW5030		Analysis Date: 3/17/2009			SeqNo: 2224035		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH - GRO (C6 - C10)	1860	500	2000	0	93.1	70	130				
Surr: 1,2-Dichloroethane-d4	51.8		50.00		103.7	61	128				
Surr: 4-Bromofluorobenzene	48.5		50.00		97.0	78.2	117				
Surr: Dibromofluoromethane	48.0		50.00		95.9	66.6	130				
Surr: Toluene-d8	51.2		50.00		102.5	80.1	122				

Sample ID: LCSGD-A090317-1	SampType: LCSGD			Units: µg/L		Prep Date: 3/17/2009			RunNo: 120103		
Client ID: ZZZZZZ	Batch ID: 51647			SW5030		Analysis Date: 3/17/2009			SeqNo: 2224036		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH - GRO (C6 - C10)	1840	500	2000	0	92.1	70	130	1863	1.16	20	
Surr: 1,2-Dichloroethane-d4	49.2		50.00		98.5	61	128		0	0	
Surr: 4-Bromofluorobenzene	47.7		50.00		95.5	78.2	117		0	0	
Surr: Dibromofluoromethane	48.1		50.00		96.3	66.6	130		0	0	
Surr: Toluene-d8	51.6		50.00		103.1	80.1	122		0	0	

Client: Barr Engineering Company
Project: Old Sutherland Lumber
Lab Order: 09030449 **Report Date:** *20-Mar-09*

ANALYTICAL QC SUMMARY REPORT

TestCode: V_TPH_8260S_W

Sample ID: MBLK-A090317-1	SampType: MBLK		Units: µg/L	Prep Date: 3/17/2009		RunNo: 120103	
Client ID: ZZZZZZ	Batch ID: 51647		SW5030	Analysis Date: 3/17/2009		SeqNo: 2224037	

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.00									
1,1,1-Trichloroethane	ND	5.00									
1,1,2,2-Tetrachloroethane	ND	5.00									
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	20.0									
1,1,2-Trichloroethane	ND	5.00									
1,1-Dichloro-2-propanone	ND	50.0									
1,1-Dichloroethane	ND	5.00									
1,1-Dichloroethene	ND	5.00									
1,1-Dichloropropene	ND	5.00									
1,2,3-Trichlorobenzene	ND	5.00									
1,2,3-Trichloropropane	ND	5.00									
1,2,3-Trimethylbenzene	ND	5.00									
1,2,4-Trichlorobenzene	ND	5.00									
1,2,4-Trimethylbenzene	ND	5.00									
1,2-Dibromo-3-chloropropane	ND	5.00									
1,2-Dibromoethane	ND	5.00									
1,2-Dichlorobenzene	ND	5.00									
1,2-Dichloroethane	ND	5.00									
1,2-Dichloropropane	ND	5.00									
1,3,5-Trimethylbenzene	ND	5.00									
1,3-Dichlorobenzene	ND	5.00									
1,3-Dichloropropane	ND	5.00									
1,4-Dichlorobenzene	ND	5.00									
1-Chlorobutane	ND	5.00									
2,2-Dichloropropane	ND	5.00									
2-Butanone	ND	25.0									
2-Chloroethyl vinyl ether	ND	20.0									
2-Chlorotoluene	ND	5.00									
2-Hexanone	ND	25.0									
2-Nitropropane	ND	50.0									
4-Chlorotoluene	ND	5.00									

ANALYTICAL QC SUMMARY REPORT

TestCode: V_TPH_8260S_W

Sample ID: MBLK-A090317-1	SampType: MBLK			Units: µg/L		Prep Date: 3/17/2009			RunNo: 120103		
Client ID: ZZZZZZ	Batch ID: 51647			SW5030		Analysis Date: 3/17/2009			SeqNo: 2224037		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Methyl-2-pentanone	ND	25.0									
Acetone	ND	25.0									
Acetonitrile	ND	50.0									
Acrolein	ND	100									
Acrylonitrile	ND	5.00									
Allyl chloride	ND	5.00									
Benzene	ND	2.00									
Bromobenzene	ND	5.00									
Bromochloromethane	ND	5.00									
Bromodichloromethane	ND	5.00									
Bromoform	ND	5.00									
Bromomethane	ND	10.0									
Butyl acetate	ND	25.0									
Carbon disulfide	ND	5.00									
Carbon tetrachloride	ND	5.00									
Chlorobenzene	ND	5.00									
Chloroethane	ND	10.0									
Chloroform	ND	5.00									
Chloromethane	ND	10.0									
Chloroprene	ND	20.0									
cis-1,2-Dichloroethene	ND	5.00									
cis-1,3-Dichloropropene	ND	5.00									
cis-1,4-Dichloro-2-butene	ND	5.00									
Cyclohexanone	ND	50.0									
Dibromochloromethane	ND	5.00									
Dibromomethane	ND	5.00									
Dichlorodifluoromethane	ND	10.0									
Diisopropyl ether	ND	2.00									
Ethyl acetate	ND	10.0									
Ethyl ether	ND	5.00									
Ethyl methacrylate	ND	5.00									

Client: Barr Engineering Company
Project: Old Sutherland Lumber
Lab Order: 09030449 **Report Date:** *20-Mar-09*

ANALYTICAL QC SUMMARY REPORT

TestCode: V_TPH_8260S_W

Sample ID: **MBLK-A090317-1**	SampType: **MBLK**			Units: **µg/L**		Prep Date: **3/17/2009**		RunNo: **120103**	
Client ID: **ZZZZZZ**	Batch ID: **51647**			**SW5030**		Analysis Date: **3/17/2009**		SeqNo: **2224037**	

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethylbenzene	ND	5.00									
Ethyl-tert-butyl ether	ND	2.00									
Heptane	ND	20.0									
Hexachlorobutadiene	ND	5.00									
Hexachloroethane	ND	10.0									
Iodomethane	ND	5.00									
Isopropylbenzene	ND	5.00									
m,p-Xylenes	ND	5.00									
Methacrylonitrile	ND	10.0									
Methyl Methacrylate	ND	5.00									
Methyl tert-butyl ether	ND	2.00									
Methylacrylate	ND	10.0									
Methylene chloride	ND	5.00									
Naphthalene	ND	10.0									
n-Butylbenzene	ND	5.00									
n-Hexane	ND	20.0									
Nitrobenzene	ND	50.0									
n-Propylbenzene	ND	5.00									
o-Xylene	ND	5.00									
Pentachloroethane	ND	20.0									
p-Isopropyltoluene	ND	5.00									
Propionitrile	ND	50.0									
sec-Butylbenzene	ND	5.00									
Styrene	ND	5.00									
tert-Amyl methyl ether	ND	2.00									
tert-Butyl alcohol	ND	25.0									
tert-Butylbenzene	ND	5.00									
Tetrachloroethene	ND	5.00									
Tetrahydrofuran	ND	20.0									
Toluene	ND	5.00									
TPH - GRO (C6 - C10)	ND	500									

Client: Barr Engineering Company
Project: Old Sutherland Lumber
Lab Order: 09030449 **Report Date:** *20-Mar-09*

ANALYTICAL QC SUMMARY REPORT

TestCode: V_TPH_8260S_W

Sample ID: MBLK-A090317-1	SampType: MBLK			Units: µg/L		Prep Date: 3/17/2009		RunNo: 120103		
Client ID: ZZZZZZ	Batch ID: 51647			SW5030		Analysis Date: 3/17/2009		SeqNo: 2224037		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	ND	5.00									
trans-1,3-Dichloropropene	ND	5.00									
trans-1,4-Dichloro-2-butene	ND	10.0									
Trichloroethene	ND	5.00									
Trichlorofluoromethane	ND	5.00									
Vinyl acetate	ND	10.0									
Vinyl chloride	ND	2.00									
Xylenes, Total	ND	5.00									
1,3-Dichloropropene, Total	ND	5.00									
1,4-Dichloro-2-butene, Total	ND	10.0									
1,2-Dichloroethene, Total	ND	5.00									
Surr: 1,2-Dichloroethane-d4	51.4		50.00		102.7	61	128				
Surr: 4-Bromofluorobenzene	48.1		50.00		96.2	78.2	117				
Surr: Dibromofluoromethane	50.0		50.00		100.1	66.6	130				
Surr: Toluene-d8	51.8		50.00		103.6	80.1	122				

Sample ID: 09030449-026BMS	SampType: MS			Units: µg/L		Prep Date: 3/17/2009		RunNo: 120103		
Client ID: B-1-GWMS	Batch ID: 51647			SW5030		Analysis Date: 3/17/2009		SeqNo: 2224043		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	38.9	5.00	50.00	0	77.9	21.4	139				
Benzene	46.3	2.00	50.00	0	92.6	57.8	125				
Chlorobenzene	48.0	5.00	50.00	0	96.0	72.9	119				
Ethylbenzene	46.0	5.00	50.00	0	92.0	72.8	123				
m,p-Xylenes	42.4	5.00	50.00	1.770	81.3	74.6	125				
o-Xylene	46.9	5.00	50.00	0	93.7	73	127				
Toluene	47.7	5.00	50.00	0	95.4	75.8	123				
Trichloroethene	41.6	5.00	50.00	0	83.2	67.1	115				
Xylenes, Total	89.3	5.00	100.0	1.770	87.5	73	127				
Surr: 1,2-Dichloroethane-d4	52.2		50.00		104.4	61	128				
Surr: 4-Bromofluorobenzene	47.3		50.00		94.6	78.2	117				

Client: Barr Engineering Company
Project: Old Sutherland Lumber
Lab Order: 09030449 **Report Date:** *20-Mar-09*

ANALYTICAL QC SUMMARY REPORT

TestCode: V_TPH_8260S_W

Sample ID: 09030449-026BMS	SampType: MS			Units: µg/L		Prep Date: 3/17/2009			RunNo: 120103		
Client ID: B-1-GWMS	Batch ID: 51647			SW5030		Analysis Date: 3/17/2009			SeqNo: 2224043		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	52.1		50.00		104.2	80.1	122				

Sample ID: 09030449-026BMSD	SampType: MSD			Units: µg/L		Prep Date: 3/17/2009			RunNo: 120103		
Client ID: B-1-GWMSD	Batch ID: 51647			SW5030		Analysis Date: 3/17/2009			SeqNo: 2224044		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	38.2	5.00	50.00	0	76.5	21.4	139	38.94	1.61	20	
Benzene	50.4	2.00	50.00	0	100.8	57.8	125	46.28	8.54	20	
Chlorobenzene	67.0	5.00	50.00	0	134.0	72.9	119	48.02	33.0	20	SR
Ethylbenzene	64.0	5.00	50.00	0	128.1	72.8	123	46.01	32.8	20	SR
m,p-Xylenes	59.6	5.00	50.00	1.770	115.7	74.6	125	42.43	33.7	20	R
o-Xylene	66.3	5.00	50.00	0	132.6	73	127	46.86	34.3	20	SR
Toluene	61.6	5.00	50.00	0	123.2	75.8	123	47.68	25.5	20	SR
Trichloroethene	49.6	5.00	50.00	0	99.2	67.1	115	41.61	17.5	20	
Xylenes, Total	126	5.00	100.0	1.770	124.1	73	127	89.29	34.0	20	R
Surr: 1,2-Dichloroethane-d4	51.1		50.00		102.1	61	128		0	0	
Surr: 4-Bromofluorobenzene	47.1		50.00		94.3	78.2	117		0	0	
Surr: Toluene-d8	52.0		50.00		103.9	80.1	122		0	0	

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

RECEIVING CHECK LIST

Client: Barr Engineering Company
Project: Old Sutherland Lumber
Lab Order: 09030449
Report Date: 20-Mar-09

Carrier: FedEx

Received By: MLD

Completed by: Erin Clarke
On: 13-Mar-09

Reviewed by: Elizabeth A. Hurley
On: 13-Mar-09

Pages to follow: Chain of custody [4] Extra pages included [0]

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C 5.2
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Reported field parameters measured:	Field ☐	Lab ☐	NA ☑	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐		
When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.				
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐	
Water - pH acceptable upon receipt?	Yes ☐	No ☑		

Any No responses must be detailed below or on the COC.

Additional nitric acid was needed in B-2-GW, B-4-GW, and B-2-GW DUP upon arrival at the laboratory.

CHAIN OF CUSTODY

pg. 1 of 4 Work Order # 09030449

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: BARR ENGINEERING
Address: 3236 Emerald Lane
City / State / Zip: Jefferson City MO 65109
Contact: Rob Murphy Phone: 573-638-5[illegible]
E-Mail: rmurphy@barr.com Fax: 573-638-5[illegible]

- Are these samples known to be involved in litigation? If yes, a surcharge will apply. ☐ Yes ☒ No
- Are these samples known to be hazardous? ☐ Yes ☒ No
- Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☐ Yes ☒ No

Project Name / Number: old Sutherland Lumber
Sample Collector's Name: Rob Murphy

Results Requested: ☒ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other _____ ☐ 3 Day (50% Surcharge)
Billing Instructions: Barr

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNPRES	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	Other	MATRIX: Water	Drinking Water	Soil	Sludge	Sp. Waste	INDICATE ANALYSIS REQUESTED: DRO/ORO/PAH 8270	Lead/Arsenic 6010	Full VOC 8260
09030449-001	B-1-SS	3/12 9:17	3							3			X			X	X	X
-002	B-1-8'	9:22	1							3			X					X
-003	B-2-SS	9:44	3							3			X			X	X	X
-004	B-2-9'	9:54	1							3			X					X
-005	B-3-SS	10:17	3							3			X			X	X	X
-006	B-3-7'	10:30	1							3			X					X
-007	B-4-SS	10:45	3							3			X			X	X	X
-008	B-4-9'	11	1							3			X					X
-009	B-5-SS	11:45	3							3			X			X	X	X
-010	B-5-6'	V 12:00	1							3			X					X

Relinquished By	Date / Time	Received By	Date / Time
RC Murphy	3/12 3:00 PM	FEDEX	3/17 3:00PM
		Marvin L. Darling II (FedEx)	3/13/09 812

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CHAIN OF CUSTODY

pg. 2 of 4 Work Order # 09030449

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: BARR ENGINEERING
Address: 3236 Emerald Lane
City / State / Zip: Jefferson City, MO 65109
Contact: Rob Murphy Phone: 573-638-5019
E-Mail: RMurphy@barr.com Fax: 573-638-5001

Samples on: ☒ Ice ☐ Blue Ice ☐ No Ice 5.2 °C
Preserved in: ☐ Lab ☐ Field FOR LAB USE ONLY
Lab Notes:

Comments:

- Are these samples known to be involved in litigation? If yes, a surcharge will apply. ☐ Yes ☑ No
- Are these samples known to be hazardous? ☐ Yes ☑ No
- Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☐ Yes ☑ No

Project Name / Number: Old Sutherland Lumber
Sample Collector's Name: Rob Murphy
Results Requested: ☑ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other ☐ 3 Day (50% Surcharge)
Billing Instructions: BARR

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNPRES	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	Other	MATRIX: Water	Drinking Water	Soil	Sludge	Sp. Waste	INDICATE ANALYSIS REQUESTED: DRO/GRO/PAH 8270	Full Voc 8260	As, Pb
09030449	B-5-SS DUP	3/12 11:45	1										X			X		
-012	B-5.6-DUP	3/12 12:00	1							3			X				X	
-013	S-1	8:15	1										X					X
-014	S-2	8:20	1										X					X
-015	S-3	8:25	1										X					X
-016	S-4	8:30	1										X					X
-017	S-5	8:35	1										X					X
-018	S-6	8:40	1										X					X
-019	S-7	8:45	1										X					X
-020	S-8	8:50	1										X					X

Relinquished By	Date / Time	Received By	Date / Time
Rob Murphy	3/12 3:00 PM	FEDEX	3/12 3:00 PM
		Marvin L. Darling II (FedEx)	3/13/09 912

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CHAIN OF CUSTODY

pg. 3 of 4 Work Order # 0903049

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: BARR ENGINEERING
Address: 3236 Emerald Lane
City / State / Zip: Jefferson City, MO 65109
Contact: Rob Murphy Phone: 573-638-5019
E-Mail: rmurphy@barr.com Fax: 573-638-5001

Samples on: ☒ Ice ☐ Blue Ice ☐ No Ice 2.2 °C
Preserved in: ☐ Lab ☐ Field FOR LAB USE ONLY
Lab Notes:

Comments:

- Are these samples known to be involved in litigation? If yes, a surcharge will apply. ☐ Yes ☑ No
- Are these samples known to be hazardous? ☐ Yes ☑ No
- Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☐ Yes ☑ No

Project Name / Number: Old Sutherland Lumber
Sample Collector's Name: Rob Murphy

Results Requested: ☑ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other ☐ 3 Day (50% Surcharge)
Billing Instructions: BARR

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNPRES	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	Other	MATRIX: Water	Drinking Water	Soil	Sludge	Sp. Waste	INDICATE ANALYSIS REQUESTED: 6010 Arsenic, Lead
0903049-21	S-9	3/12 1:20	1										X			X
-022	S-10	1:23	1										X			X
-023	S-11	12:15	1										X			X
-024	S-12	12:10	1										X			X
-025	S-5-DUP	8:35	1										X			X

Relinquished By	Date / Time	Received By	Date / Time
ROD Murphy	3/12 3:00 PM	FEDEX	3/12 3:00 PM
		Morning L. Starling II (FedEx)	3/12/09 812

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CHAIN OF CUSTODY

pg. 4 of 4 Work Order # 0903044

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: BARR ENGINEERING
Address: 3236 Emerald Lane
City / State / Zip: Jefferson City MO 65109
Contact: Rob Murphy Phone: 573-638-5019
E-Mail: rmurphy@barr.com Fax: 573-638-5001

- Are these samples known to be involved in litigation? if yes, a surcharge will apply. ☐ Yes ☑ No
- Are these samples known to be hazardous? ☐ Yes ☑ No
- Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☐ Yes ☑ No

Project Name / Number: Old Sutherland Lumber
Sample Collector's Name: Rob Murphy
Results Requested: ☑ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other ☐ 3 Day (50% Surcharge)
Billing Instructions: BARR

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNPRES	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	Other	MATRIX: Water	Drinking Water	Soil	Sludge	Sp. Waste	INDICATE ANALYSIS REQUESTED: Full VOCs	Lead	Arsenic, Lead
0903044-020	B-1-GW	3/12 12:30		1						2	X					X	X	
-021	B-2-GW	12:40		1						2	X					X	X	
-022	BARR GW			1						2	X					X	X	
-023 -024	B-4-GW	12:55		1						3	X					X	X	
-025 -026	B-5-GW	1:05		1						2	X					X	X	
-027 -028	B-2-GW DUP	12:40		1						2	X					X	X	
-029 -030	Trip Blank	1500								2	X					X		
-031 -032	Rinsate	1515		1							X							X
20C3/13/09																		

Relinquished By	Date / Time	Received By	Date / Time
Rob Murphy	3/12 3:00 PM	FEDEX	3/12 3:00 PM
		Marvin L. Darling III (FedEx)	3/13/09 9:12

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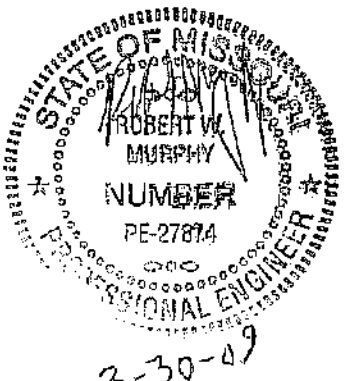
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Phase II Environmental Site Assessment

Old Sutherland Lumber

601-641 East Broadway Boulevard
Sedalia, Missouri

March 2009



BARR

Barr Engineering Company
3236 Emerald Lane
Jefferson City, MO 65109
Phone: (573) 636-5331
Fax: (573) 636-5323

Phase II Environmental Site Assessment

March 2009

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Appendix B Laboratory Analytical Results

1.0 Introduction

1.1 Purpose

At the request of the Missouri Department of Natural Resources (MDNR) Brownfields/Voluntary Cleanup Program (BVCP), Barr Engineering Company (Barr) performed a Phase II Environmental Site Assessment on three parcels of land located within the city limits of Sedalia, Missouri (site). The Union Pacific Railroad Company currently owns the site, and the City of Sedalia is interested in purchasing it. Most of the vacant site lies on the east side of a former major railroad line that is now part of MDNR's Katy Trail. The site most recently has been used as a lumberyard operated by Sutherland Lumber, and historically had been operated as a railroad maintenance yard. There were also at least six separate oil companies operating gas stations or bulk petroleum storage tanks along Broadway Boulevard after the rail yard closed. The City of Sedalia applied for a Brownfields Assessment and was awarded both a Phase I and Phase II Environmental Site Assessment by BVCP. The objective of this Phase II investigation is to confirm the possible presence of metals and petroleum-related contamination in surface soils, subsurface soils, and groundwater at the site, and determine the magnitude and extent. If any of the parcels are redeveloped by the city, new structures may be constructed. As such, Barr has developed the fieldwork to ensure that the vapor intrusion human exposure pathway can be evaluated to ensure both construction worker and future occupant safety during and after redevelopment. Barr is not intending for this report to serve as a complete Missouri Risk-Based Corrective Action (MRBCA) Tier 1 site assessment. However, many of the elements of such an assessment may be found in this report or developed from the data derived during the site investigation. There are currently no operations going on at any of the parcels. There are no structures remaining at the site, as all were demolished prior to 2005.

1.2 Special Terms and Conditions

BVCP awarded Barr the Phase II Environmental Site Assessment by letter dated February 11, 2009. Barr submitted the *Phase II Environmental Site Assessment Work Plan* to BVCP on February 18, 2009, and BVCP gave written approval of the work plan on March 4, 2009. This Phase II report was developed in accordance with the guidance described in the Statewide Services Contract Number C306086003 (Barr -Vendor Number 41-09059950 0) (OA, 2006) and ASTM E-1903, *Standard Guide for Environmental Site Assessments: Phase II Environmental Site Assessment Process.*

2.0 Background

2.1 Site Description and Features

The subject study area consists of three parcels of land owned by Union Pacific Railroad since 1870. Figure 1 outlines the locations of these three parcels. The parcels are located at 601, 637, and 641 East Broadway Boulevard on its north side, with a portion of the site stretching across East 5th Street to the north near the historic Katy Trail depot. The study area is located in downtown Sedalia in Pettis County, Missouri, and consists of approximately 16.4 acres of land. A small portion of the site lies across the Katy Trail on its west side that is adjacent to residential backyards, and the southeast corner of the site stretches east to Hancock Avenue.

The land surface at the northernmost portion of the site is basically flat and consists primarily of a parking area for the historic Katy Trail depot museum operated by MDNR. The interior portion of the site has been filled and sits approximately eight feet above the southeast corner of the site and Broadway Boulevard. The southeast portion of the property is much lower than the rest of the site, not having any fill material on it. There are remnants of three of the oil company structures on this lower southeast portion of the site. The old Sutherland Lumber structure's footprints are visible in the south-central portion of the site. There is what appears to be a cistern-like structure remaining in the north-central portion of the site near the historic roundhouse, but little other building evideuce that the site had been a rail yard. The site at one time had numerous railroad tracks and spurs crossing it, though just the Katy Trail on the west, one spur north by the museum, and one rail line on the east remain visible.

Access to the site is either up a paved ramp leading north from Broadway Boulevard or south from East 5th Street on dirt/gravel paths. The northern interior and western portions of the site have vegetation where there are no apparent building footprints. There was one dump site located along the eastern boundary near the location of surface soil sample S-5, and another pile of building debris on the east side of the Katy Trail on the southwest portion of the site.

2.2 Physical Setting

Most of the site is elevated well above Broadway Boulevard such that drainage is towards the south. However, the southeast portion, lying at least eight feet below the rest of the site, appears to collect surface water from areas to the north. This portion of the site sits level with Broadway Avenue and

was very marshy during the Phase II fieldwork. The elevation of most of the site is approximately 910 feet above mean sea level, while the sontheast portion lies at 900 feet above mean sea level. Local surface water drainage is expected to flow to the southeast towards a small tributary of the Lamine River.

2.3 Site History

Terranext prepared a *Phase I Environmental Site Assessment* for the "Old Sutherland Lumber" site during December 2008. Most of the background information for the site can be found in this assessment.

Initial development of the site as a railroad maintenance yard began around 1870, and Union Pacific and its predecessors have owned the site ever since. Historic Sanborn insurance maps identified numerous railroad tracks, spurs, turntables, a roundhouse, paint shop, and maintenance shop at the site up nntil about 1900. The 1908 map shows railroad operations winding down at the site, with separate coal storage operations and a heating plant operating at the site. Between 1925 and at least 1963, various oil companies operated along the southern portion of the site. These operations included retail service stations and bulk storage of gas and heating oil. Names associated with these companies include Grand Oil, White Eagle Oil, Texas Oil Company, Mid-Continent Petroleum, Hudson Oil Company, Cities Service Oil, Socony Mobil, and DX-Sunray. Both Hudson Oil and Cities Service appear to have operated service stations in the extreme southeast corner of the site along Broadway Boulevard.

Barr is uncertain of the exact dates, but it appeared that Sutherland Lumber redeveloped the southern portion of the site for lumber sales and storage sometime during the 1970s. 1990s-era photographs indicate that the lumberyard was still in operation, while a 2005 figure shows that it had closed. During the 1990s, two petroleum underground storage tanks (USTs) were removed from the closed Hudson Oil Company service station. This closure included excavation and disposal of 1,731 tons of contaminated soil. Follow-up closure actions included installation and sampling of fonr monitoring wells, and additional excavation and disposal of 1,817 tons of contamimated soil. A corrective action report was submitted to the MDNR Tanks Section in 1999, and an "NFA" letter was issued in November 1999 by MDNR.

3.0 Phase II Activities

3.1 Scope of Assessment

3.1.1 Sampling Plan

Barr developed the sampling plan to target any soil or groundwater contamination resulting from each of the four RECs identified during the Phase I assessment. The most likely historical source of subsurface contamination would be from former USTs at the southern and southeastern portion of the site, though any historical fuel storage areas or paint-related operations could result in contaminants migrating into subsurface soils and groundwater. Surface soil contamination would tend to be focused on railroad operations and coal storage, which did not occur on the lower southeastern portion of the site. As such, the sampling plan focused largely on shallow surface soil sampling across the interior of the former railroad yard (not the southeast corner) and subsurface soil and groundwater testing were the primary focus of the investigation at the former maintenance shed, paint shop, and three of the petroleum businesses. Barr did not target a boring at the former Hudson Oil Company (between B-1 and B-2) since the MDNR Tanks Section had closed this site.

The hand-dug surface soil samples collected from the site are identified with an "S" designation, while the borings have a "B" designation. The surface soil samples collected were largely in a grid pattern, though Barr did specifically target several land surface depressions where metals could accumulate over time and two separate small dump areas. Sample location S-5 targeted a small trash dump on the eastern site boundary, and S-6 targeted a building debris pile on the east side of the Katy Trail.

Boring B-1 targeted the former location of the Cities Service Oil Company, B-2 targeted an area between the former Mid-Continent and Texas Company petroleum storage complexes, and B-3 targeted the former White Eagle petroleum business and southern end of historical railroad painting operations. B-4 was placed near the assumed northern edge of the railroad paint shop, while B-5 targeted the assumed location of the railroad maintenance shop. Surface soil, subsurface soil, and groundwater intervals were targeted for sampling from these five borings.

3.1.2 Chemical Testing Plan

The testing plan was developed to ensure that all potential chemicals of concern in the surface soils, subsurface soils, and groundwater were part of the analyses. The plan for the site-wide surface soil

sampling grid called for testing shallow soils for arsenic and lead using EPA Test Method 6010. The surface soils from the five borings were also collected for analyses of arsenic and lead (Test Method 6010), TPH-DRO/ORO/PAHs (Test Method 8270) to account for coal pile storage issues and fuel oil components, and the full VOC list (Test Method 8260) to account for a wide range of potential volatile contaminants due to petroleum, paints, cleaners, and solvents. Barr collected duplicate surface soil samples for analyses of metals and PAHs, and one duplicate sample from the subsurface for analyses of the full VOC scan. All five subsurface soil samples collected from the borings were also analyzed for the full VOC list using EPA Test Method 8260.

Collected groundwater samples were analyzed for total lead using EPA Test Method 6010 and the full VOC list using EPA Test Method 8260. A trip blank originating from Teklab was brought to the site in the sample cooler and later analyzed for the same VOC list.

3.1.3 Deviations from Work Plan

There were no major deviations from the Phase II site assessment work plan, with the exception of adding a rinsate sample. Barr considered this sample necessary for quality control since Barr cleaned the equipment (shovel and steel spoon) between each hand-dug surface soil sampling location. One boring (B-3) was dry after setting a temporary well screen, so no groundwater sample could be collected. The retrieved soil cores from B-3 were also dry at the bottom of the boring, so Barr felt that allowing a greater time for water to enter the wellbore would not yield sufficient water for testing. There were no other deviations from the work plan, other than slightly adjustiug some sample collection locations due to utilities and to be closer to likely contaminant source locations.

3.2 Field Exploration and Methods

Rob Murphy, P.E., and Adam Nanney, field engineer from Barr Engineering, arrived at the property at 7:30 a.m. on Thursday, March 12, 2009 to locate where Dig-Rite representatives had marked the buried utility locations. The temperature was in the lower 30s and it was a sunny day. Aaron Sense from PSA Environmental, the Geoprobe operator, arrived at the site at 9:00 a.m. to start drilling.

All five borings were continuously sampled until the depth of refusal, which were all above the planned 20-foot depth with the exception of B-4. The location of B-4 was topographically the highest on the site, with this portion of the site being filled in well above Broadway Boulevard. Refusal was not yet encountered at the 20-foot depth in B-4, but the core samples were saturated so Barr instructed the driller to stop. Barr obtained a representative Photoionization Detector (PID)

reading from each four-foot section of retrieved cores. Since the temperature was cold and there was little PID response directly on the cores on the pickup bed, Barr placed the soil samples in a Ziploc bag and placed them inside the heated pickup truck on the dashboard to ensure a better PID response to headspace vapors. After a period of 15-20 minutes, a PID reading was taken from the headspace inside the Ziploc bag and recorded.

After completion of the five borings and soil sampling, each was converted into a temporary well by advancing a five-foot long PVC well screen to the total boring depth. Barr collected groundwater samples from four of the five borings after allowing them to fill with groundwater for at least an hour or more. There was sufficient groundwater volume for both purging and sampling in every boring except B-3. PSA abandoned all five borings in accordance with Missouri well construction rules, as all boreholes were filled with granular bentonite.

Barr collected soil samples from the subsurface (6-10 feet) in each of the five borings. Normally, the subsurface sample depths would be chosen by Barr based on a combination of observations regarding type of material present (discoloring) or signs of petroleum odor. There was only one staiu observed at the 6- to 7-foot depth in B-3 (it was sampled), but obvious petroleum odors and PID responses were observed in borings B-1, B-3, and B-4.

The surface soil samples across the site were collected by first removing any vegetation layer and/or rocky gravel material from the surface with a shovel. Barr then collected a sample with a stainless steel spoon and placed the soil material in the sample jars. The shovel and spoon were cleaned with an Alconex solution and rinsed with distilled water between the collections of each sample. Barr collected a water sample of flnid poured over the cleaned sampling equipment and labeled it as a rinsate sample.

3.3 Sampling and Chemical Analyses Methods

As each Geoprobe was advanced, soils were collected continuously by advancing a macro-core soil sampler (48-inches long by 2-inches in diameter) encapsulating 4-foot samples within an acetate liner. The macro-core sampler was withdrawn to the surface retaining the soil sample in the acetate liner. Soils recovered from the direct-push sampler were examined by a field engineer for unusual staining, incidental odors, sheen, and other signs of contamination. Each macro-core sampler of soils recovered was also screened for the presence of total organic vapors using a PID. Barr obtained a representative PID reading from each retrieved liner. Once the field screening process was completed, a soil sample was chosen based on PID response and olfactory observations of

contamination. Sample collection Method 5035 was utilized by Barr to collect the soil samples for VOCs. The metals and PAH samples were collected in 4 oz. jars, including those collected by hand near the surface away from the Geoprobe borings. Each sample was placed in a cooler on ice.

One subsurface soil sample was collected from each of the five Geoprobe borings, with the exception of a duplicate VOC sample collected from B-5. Barr also collected a duplicate surface soil sample from B-5-SS for PAHs/DRO/ORO and a duplicate surface soil sample at S-5 for analyses of arsenic and lead.

Barr followed the originally proposed chemical testing plan from the work plan, with the exception of adding a rinsate sample. The rinsate sample was collected from pouring distilled water over the shovel and spoon following cleanings between sampling for surface soils. This sample was analyzed for lead and arsenic. Barr collected a duplicate groundwater sample for VOCs and lead from boring B-2 since it yielded the most groundwater. Following sampling, three coolers were dropped off at the Federal Express shipping facility in Sedalia, Missouri and later shipped to the Teklab analytical laboratory in Collinsville, Illinois for analysis. Teklab used SW-846 methodology to analyze the samples. A trip blank accompanied the sample cooler and was analyzed for VOCs with Test Method 8260.

4.0 Evaluation and Presentation of Results

4.1 Surface/Subsurface Conditions

4.1.1 Soil

Barr has completed boring logs for each of the five continuously sampled borings, copies of which are provided in Appendix A. It should be noted that the recovery of the soil samples was generally poor in borings B-2, B-3, and B-5, such that many of the 4-foot acetate liners only contained 3 feet of soil in them. This could be attributed to fill presence and large rock fragments that blocked full recovery inside the acetate liner during retrieval.

Barr noted a wide variety of materials in the soils, ranging from gravel, silts and clays, from brown to gray in color. Most material consisted of silty clays and clays, though sandy silt was observed right above bedrock in B-3. The other borings typically had rock fragments immediately above the depth of refusal. The only observed stained interval was from 6-7 feet in boring B-3. Bedrock, assumed to be a shale or limestone, was found at depths of only 9-12 feet in the southeast portion of the site where there is no significant amount of fill material. Refusal was encountered at greater depths on the former railroad portion of the site that had been filled. Refusal was not encountered in B-4 and was at a 16-foot depth in B-5.

Barr noted the top few inches of surface material in each of the surface soil sample locations. Away from the site interior that had historic structures, surface material typically consisted of grass and topsoil. Most of the site interior was covered with broken concrete, small gravel, or compacted soil. When collecting surface soil samples, Barr dug under this material to collect soil samples more representative of what metals were deposited during the railroad operations.

4.1.2 Groundwater

Most of the retrieved cores appeared wet at varying depths, while B-3 appeared dry throughout its depth. Barr has included measured groundwater depths in four of the borings on the boring logs and in Table 4. Barr measured the static water level in each well prior to sampling. The measured depths ranged from 1.1 feet below ground in B-2 within the lowest area of the site, and 18.1 feet below ground in B-4 at the topographically highest point on the site. B-2 was located in a marshy area that received drainage both from the rest of the site and from upgradient commercial sites to the north. Due to the clayey content of the saturated intervals and the relatively short time allowed for fluids to

enter the temporary well screens, Barr cannot be sure that these were stabilized water levels. B-1 had a measured water depth of 8 feet below ground and B-5 had it measured at 9 feet below ground.

Locally, the shallow groundwater is expected to follow the topography of the land surface and flow southeast towards a small creek flowing southeast of Sedalia.

4.2 Analytical Data

4.2.1 Soil Sampling Results

The analytical results from the site-wide surface soil sampling are summarized in Table 1 of this report. The analytical results of the surface soil sampling from the borings are summarized in Table 2 of this report. The analytical results of the subsurface soil sampling from the borings are summarized in Table 3 of this report. A copy of the complete laboratory analytical data printout from Teklab is provided in Appendix B. The tables also provide a comparison between the contaminant detections and Missouri Risk-Based Corrective Action (MRBCA) Tier 1 Target Levels for sandy soils (Type 1) for residential and non-residential future property use. Though analyses of the soils in the borings indicated that most soils are silts (soil Type 2) or clays (soil Type 3), Barr has used a more conservative comparison with soil Type 1 target levels. The tables also provide a comparison between the contaminant detections and target levels protective of a construction worker. Barr has included residential target levels in the comparison to help determine the degree of institutional controls that may be required if the city were to acquire the site and later enroll the property into the BVCP.

The site-wide surface soil samples each have an "S" prior to the corresponding location designation. The Geoprobe boring locations are designated with a "B."

SITE-WIDE SURFACE SOILS

Table 1 provides the results from the site-wide surface soil sampling for arsenic and lead that Barr performed across the site. Barr targeted obvious areas of dumping, land surface depressions, former railroad structures, and former railroad track/spur locations. Every sample had a detection of arsenic above MRBCA residential Tier 1 target levels, and all but S-3, S-4, S-5, and S-6 had arsenic levels above non-residential target levels. The highest levels of arsenic were detected from samples collected adjacent to the railroad tracks. These include S-1 and S-10 near the Katy Trail museum spur and Katy Trail former track, respectively.

Every sample had a detection of lead above MRBCA residential Tier 1 target levels with the exception of S-3, S-4, and S-5. The lead levels of 733 mg/kg in S-7, 1490 mg/kg in S-8, and 1580 mg/kg in S-11 are also above non-residential target levels.

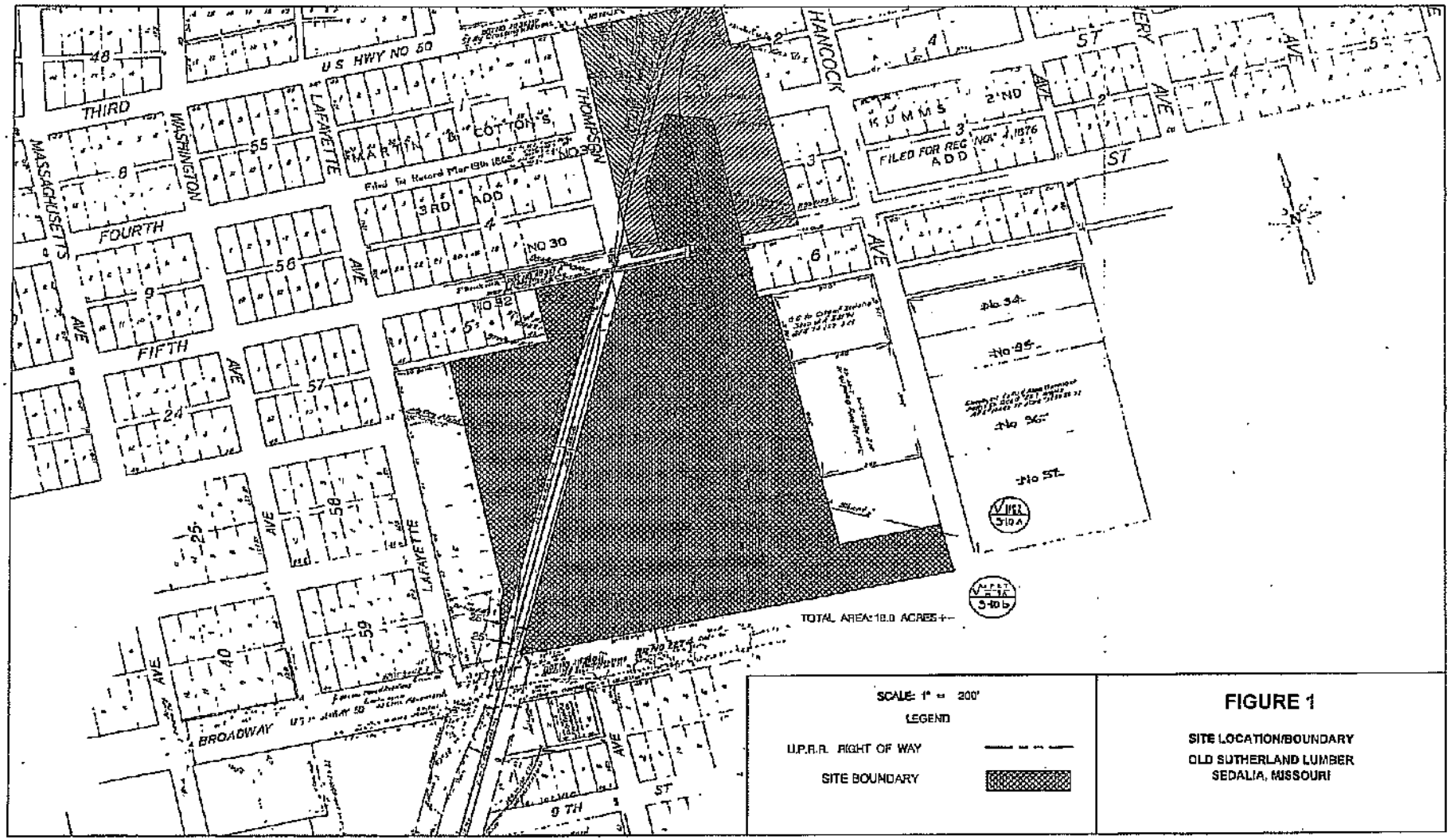
SURFACE SOILS IN BORINGS

Table 2 provides the results from the surface soil sampling from the five borings for arsenic and lead, PAHs, and VOCs that Barr performed along the southern site boundary and interior. Again, all arsenic levels exceeded MRBCA surface soil residential Tier 1 target levels, but only the surface sample from B-5 exceeded non-residential target levels for arsenic. Lead levels in B-1 and B-2 met residential target levels, while lead in samples from B-3, B-4, and B-5 exceeded both residential and non-residential target levels. The level of benzo-(a)-pyrene (0.581 mg/kg) in the surface soil sample from B-3 slightly exceeded the residential Tier 1 target level of 0.62 mg/kg but did not exceed the non-residential target level. B-3 was collected from an obvious area of diesel/heating oil contamination based on observed odors during drilling. All of the other PAHs, TPH-DRO, and TPH-ORO were either non-detect or below residential target levels.

Barr collected the surface soil samples for subsequent VOC analyses from the depth interval of 2-3 feet below ground. Anything shallower would tend not to have volatiles present for any length of time due to volatilization near the surface. Trace amounts of VOCs were detected in surface soil samples from B-1, B-2, B-4, and B-5. B-3, which exhibited a strong diesel odor during drilling, had higher detections of common VOCs associated with petroleum. However, none of these higher detections came close to exceeding applicable MRBCA surface soil residential Tier 1 target levels.

SUBSURFACE SOIL SAMPLING FROM BORINGS

Barr placed five borings to target any petroleum releases from the former storage/retail gasoline sales businesses along the southern site boundary and any volatile releases associated with railroad operations along the site interior. Table 3 shows the subsurface soil sampling results. Copies of the boring logs provided in Appendix A contain the results of PID field screening for organic vapor presence. Boring B-1 near a former gas station had PID hits at depth, indicative of a possible former UST. B-2 had a PID response near the surface, possibly indicative of spills from the aboveground tanks indicated on old Sanborn maps. B-3 had high PID hits throughout the boring and a strong diesel odor. This boring was near both former railroad operations and a former heating oil storage facility. Borings B-4 and B-5 had little response to the PID, as they were not close to any former petroleum tanks.


U S HWY NO 50
THIRD
FOURTH
FIFTH
BROADWAY
MASSACHUSETTS
WASHINGTON
LAFAYETTE
THOMPSON
HANCOCK
AVE
ST
3RD ADD
KUMMS 2ND ADD
FILED FOR REC NOV 1, 1876
No 30
No 92
No 34
No 95
No 96
No 97
TOTAL AREA: 18.0 ACRES +/-
SCALE: 1" = 200'
LEGEND
U.P.R.R. RIGHT OF WAY
SITE BOUNDARY
FIGURE 1
SITE LOCATION/BOUNDARY
OLD SUTHERLAND LUMBER
SEDALIA, MISSOURI



Legend

- Soil Boring
- Surface Sample

N

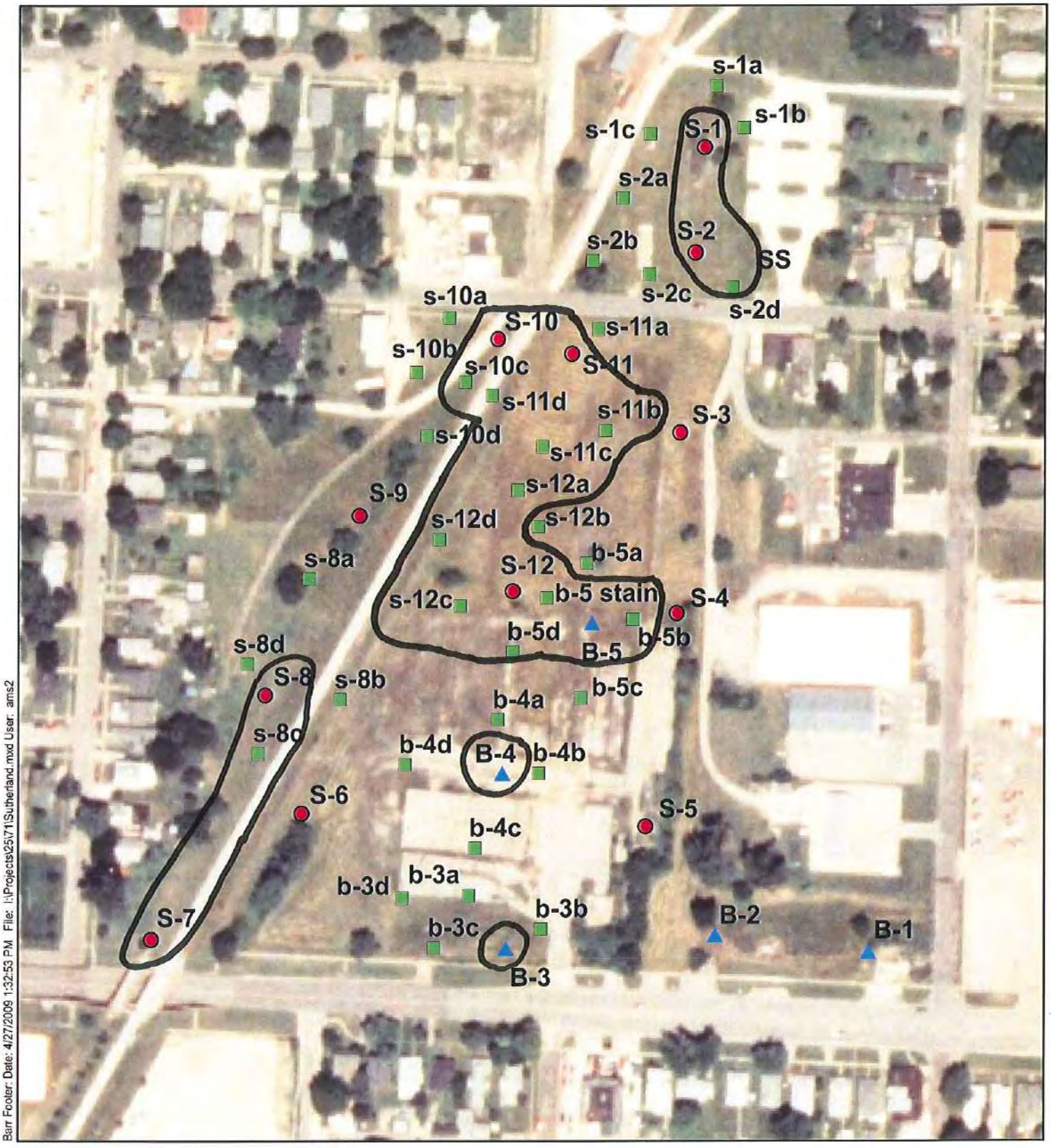
Feet
500 0 500

Meters
100 0 100 200

BARR

Figure 2

SAMPLE LOCATIONS
Old Sutherland Lumber
Phase II Assessment
Sedalia, Missouri



Barr Footer: Date: 4/27/2009 1:32:53 PM File: I:\Projects\25\71\Sutherland.mxd User: ams2

Legend

- New Surface Sample
- Soil Boring
- Surface Sample

N

Feet

500 0

Meters

100 0

BARR

Figure 2
Areas in Need of Remediation/Capping
Old Sutherland Lumber
Follow-Up Phase II Assessment
Sedalia, Missouri

(Space above reserved for Recorder of Deeds certification)

COVER SHEET
(Missouri)

Title of Document:	**QUITCLAIM DEED**
Date of Document:	February 9, 2021
Grantor:	**UNION PACIFIC RAILROAD COMPANY**
Grantor's Mailing Addresses:	1400 Douglas Street Mail Stop 1690 Omaha, NE 68179
Grantee:	**CITY OF SEDALIA**
Grantee's Mailing Address:	200 S. Osage Avenue Sedalia, MO 65301
Legal Description:	See Exhibit A attached hereto at Page 7
Reference Book and Page(s):	N/A

This cover page is attached solely for the purpose of complying with the requirements stated in §59.310.2; 59.313.2 Revised Missouri Statutes

RECORDING REQUESTED BY AND WHEN RECORDED, RETURN TO:

City of Sedalia
200 S. Osage Avenue
Sedalia, MO 65301

(Space Above For Recorder's Use Only)

687-06

QUITCLAIM DEED

KNOW ALL MEN BY THESE PRESENTS:

That **UNION PACIFIC RAILROAD COMPANY**, a Delaware corporation (formerly known as Southern Pacific Transportation Company, a Delaware corporation, successor in interest through merger with Union Pacific Railroad Company, a Utah corporation, which through merger with the Missouri Pacific Railroad Company became successor in interest to the Property described herein) ("Grantor"), in consideration of the sum of Ten Dollars ($10.00) and other good and valuable consideration to it duly paid, the receipt whereof is hereby acknowledged, has remised, released and quitclaimed, and by these presents does REMISE, RELEASE and forever QUITCLAIM unto **CITY OF SEDALIA,** a Missouri municipality, whose address is 200 S. Osage Avenue, Sedalia, Missouri 65301 ("Grantee"), its successors and assigns, forever, all of its right, title, interest, estate, claim and demand, both at law and in equity, of, in and to the real estate situate in Pettis County, State of Missouri, more particularly described in **Exhibit A**, attached hereto and made a part hereof.

EXCEPTING from this quitclaim and RESERVING unto Grantor, its successors and assigns, forever, all minerals and all mineral rights of every kind and character now known to exist or hereafter discovered, including, without limiting the generality of the foregoing, oil and gas and rights thereto, together with the sole, exclusive and perpetual right to explore for, remove and dispose of, said minerals by any means or methods suitable to Grantor, its successors and assigns, but without entering upon or using the surface of the lands hereby quitclaimed, and in such manner as not to damage the surface of said lands or to interfere with the use thereof by Grantee, its successors or assigns.

The Property is quitclaimed by Grantor subject to the following covenants, conditions and restrictions which Grantee by the acceptance of this Deed covenants for itself, its successors and assigns, faithfully to keep, observe and perform:

(a) Restriction on Use. The Property must not be used for (i) residential, (ii) lodgings or accommodations (including, without limitation, hotels, motels, boarding houses, dormitories, hospitals, nursing homes, or retirement centers), or (iii) educational or child-care facilities (including, without limitation, schools, kindergartens or day-care centers). Notwithstanding the foregoing, if Grantee, its successor and assigns, obtains a Phase II environmental assessment ("Phase II Assessment") of the Property that indicates the Property is acceptable for residential use, and Grantor approves the results of the Phase II Assessment for residential use, provided that such approval shall not be unreasonably withheld, Grantor shall execute a release of this Restriction on Use in recordable form and deliver same to Grantee for recordation in the real estate records of Pettis County, Missouri. Grantee's request for the release and such documentation should be sent to the following address:

Union Pacific Railroad Company
Attn: Assistant Vice President – Real Estate (Folder No. 00687-06)
1400 Douglas Street, Mail Stop 1690
Omaha, Nebraska 68179

(b) Fence Covenant. Grantee, at its sole cost and expense, shall install, within ninety (90) days after the date of delivery of this Deed, and thereafter maintain fencing or other barriers to prevent access to or encroachment on the railroad right-of-way of Grantor adjacent to the trackside boundary of the Property. The fencing or barrier must be of a design and type satisfactory to Grantor, and in compliance with applicable building codes. Grantee shall submit the plans for the fencing or barrier construction to:

Union Pacific Railroad Company
Assistant Vice President - Real Estate (Folder No. 00687-06)
1400 Douglas Street, Mail Stop 1690
Omaha, Nebraska 68179

for review and approval. Grantor shall complete such review and make appropriate response to Grantee within twenty (20) days after receipt of such plans by Grantor. Grantor shall not unreasonably withhold its approval of such plans. Such approval does not constitute a guarantee or warranty that such plans comply with applicable governmental laws, rules, regulations or ordinances, or that the fence as constructed will be structurally sound.

The foregoing and following covenants, conditions and restrictions shall run with the Property, and a breach of the foregoing and following covenants, conditions and restrictions, or the continuance thereof, may, at the option of Grantor, its successors or assigns, be enjoined, abated or remedied by appropriate proceedings.

Environmental Covenants:

(a) "As Is" Sale. Grantee, for itself, its successors and assigns, including any successor owner of any interest in the Property, acknowledges and agrees that the Property has been sold and quitclaimed to and accepted by Grantee in an "AS IS" condition, with all faults, and Grantee acknowledges that the Property may have been used for railroad and/or industrial purposes, among other uses. Grantee acknowledges and agrees that any information Grantee may have received from Grantor or its agents concerning the Property (including, but not limited to, any lease or other document, engineering study or environmental assessment) was furnished on the condition that Grantee would make an independent verification of the accuracy of the information. Grantor does not make any representations or warranties of any kind whatsoever, either express or implied, with respect to the Property; in particular, without limitation, Grantor makes no representations or warranties with respect to the use, condition, title, occupation or management of the Property, or compliance with applicable statutes, laws, codes, ordinances, regulations, requirements (collectively, "Condition of the Property"). Grantee acknowledges and agrees that the Property has been sold and quitclaimed on the basis of Grantee's own independent investigation of the physical and environmental conditions of the Property. Grantee assumes the risk that adverse physical and environmental conditions may not have been revealed by its investigation.

(b) Release and Indemnity. GRANTEE, FOR ITSELF, ITS SUCCESSORS AND ASSIGNS, INCLUDING ANY SUCCESSOR OWNER OF ANY INTEREST IN THE PROPERTY, HEREBY RELEASES GRANTOR, AND, TO THE MAXIMUM EXTENT PERMITTED BY LAW, INDEMNIFIES, DEFENDS AND SAVES HARMLESS GRANTOR, ITS AFFILIATES, THEIR EMPLOYEES, AGENTS, OFFICERS, SUCCESSORS AND ASSIGNS, FROM AND AGAINST ANY AND ALL SUITS, ACTIONS, CAUSES OF ACTION, LEGAL OR ADMINISTRATIVE PROCEEDINGS, CLAIMS, DEMANDS, FINES, PUNITIVE DAMAGES, LOSSES, COSTS, LIABILITIES AND EXPENSES, INCLUDING ATTORNEYS' FEES, IN ANY WAY ARISING OUT OF OR CONNECTED WITH THE KNOWN OR UNKNOWN CONDITION OF THE PROPERTY (INCLUDING, WITHOUT LIMITATION, ANY CONTAMINATION IN, ON, UNDER OR ADJACENT TO THE PROPERTY BY ANY HAZARDOUS OR TOXIC SUBSTANCE OR MATERIAL), OR ANY FEDERAL, STATE OR LOCAL LAW, ORDINANCE, RULE OR REGULATION APPLICABLE THERETO, INCLUDING, WITHOUT LIMITATION, THE TOXIC SUBSTANCES CONTROL ACT, THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT, AND THE RESOURCE CONSERVATION AND RECOVERY ACT. THE FOREGOING WILL APPLY REGARDLESS OF ANY NEGLIGENCE OR STRICT LIABILITY OF GRANTOR, ITS AFFILIATES, OR THEIR EMPLOYEES, AGENTS OR OFFICERS.

IN WITNESS WHEREOF, Grantor has caused these presents to be signed by its duly authorized officers this 9th day of February, 2021.

Attest:

Assistant Secretary

UNION PACIFIC RAILROAD COMPANY,
a Delaware corporation

By: _____
Name: Chris D. Goble
Title: Assistant Vice President – Real Estate

STATE OF NEBRASKA)
) ss.
COUNTY OF DOUGLAS)

The foregoing instrument was acknowledged before me this 9th day of February, 2021, by Chris D. Goble and Michael Schmidt, Assistant Vice President – Real Estate and Assistant Secretary of UNION PACIFIC RAILROAD COMPANY, a Delaware corporation, on behalf of the corporation.

WITNESS my hand and official seal.

GENERAL NOTARY - State of Nebraska
JOHN S. HERTZLER
My Comm. Exp. December 14, 2023

Notary Public

(Seal)

Grantee hereby accepts this Quitclaim Deed and agrees for itself, its successors and assigns, to be bound by the covenants set forth herein.

Dated this _____ day of _____, 202__.

CITY OF SEDALIA,
a Missouri municipality

By: _____
Its: _____

STATE OF MISSOURI)
) **ss.**
COUNTY OF PETTIS)

On _____, 202__, before me, _____, Notary Public in and for said County and State, personally appeared _____, _____ of CITY OF SEDALIA, a Missouri municipality, and who is personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to in the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the persons acted, executed the instrument.

WITNESS my hand and official seal.

_____
Notary Public

(Seal)

EXHIBIT "A"

RAILROAD LAND NORTH OF THIRD STREET

BEGINNING AT THE INTERSECTION OF THE NORTH RIGHT-OF-WAY LINE OF THIRD STREET AND THE EAST RIGHT-OF-WAY LINE OF MILL STREET BOTH BEING STREETS IN THE CITY OF SEDALIA, PETTIS COUNTY, MISSOURI; THENCE NORTH 01°56'38" EAST. ALONG THE EAST RIGHT-OF-WAY LINE OF SAID MILL STREET, 511.95 FEET TO THE NORTHERLY LINE OF MAIN STREET; THENCE NORTH 77°10'03" WEST, ALONG SAID NORTHERLY LINE, 56.67 FEET TO THE SOUTHEAST CORNER OF A TRACT DESCRIBED IN BOOK 78 PAGE 389 AS RECORDED IN THE RECORDERS OFFICE OF PETTIS COUNTY; THENCE NORTH 02°06'03" EAST, ALONG THE EAST LINE OF SAID TRACT, 66.16 FEET TO THE NORTHEAST CORNER OF SAID TRACT; THENCE NORTH 77°11'56" WEST, ALONG THE NORTHERLY LINE OF SAID TRACT, 480.96 FEET TO THE NORTHWEST CORNER OF SAID TRACT AND A POINT ON THE EAST RIGHT-OF-WAY LINE OF WASHINGTON AVENUE; THENCE NORTH 12°53'42" EAST, ALONG SAID EAST RIGHT-0F-WAY LINE, 35.34 FEET TO A PONT ON THE SOUTH RIGHT-OF-WAY LINE OF THE UNIION PACIFIC RAILROAD; THENCE SOUTH 77°10'03" EAST, ALONG SAID RIGHT-OF-WAY LINE BEING 50.0 FEET SOUTH OF AND PARALLEL WITH THE CENTERLINE OF THE MAIN LINE OF SAID RAILROAD, 2286.21 FEET; THENCE SOUTH 00°57'34" WEST, 74.50 FEET TO A POINT ON THE NORTH RIGHT-OF-WAY LINE OF RAILROAD STREET, VACATED BY ORDINANCE NUMBER 3707, JANUARY 7, 1947; THENCE NORTH 89°15'54" WEST, ALONG SAID NORTH RIGHT-OF-WAY LINE, 634.90 FEET; THENCE SOUTH 02°00'12" WEST. AND ALONG THE WEST LINE OF LOTS 1 AND 9 IN BLOCK 1 OF POTTER AND SMITH'S ADDITION, 218.02 FEET TO THE SOUTHWEST CORNER OF SAID LOT 9 AND A POINT ON THE NORTH RIGHT-OF-WAY LINE OF THIRD STREET; THENCE NORTH 86°48'48" WEST, ALONG SAID NORTH RIGHT-OF-WAY LINE, 1090.49 FEET TO THE POINT OF BEGINNING.

BEING LOCATED IN A PART OF LOT 2 OF THE NORTHWEST QUARTER OF SECTION 3, TOWNSHIP 45 NORTH, RANGE 21 WEST OF THE FIFTH PRINCIPAL MERIDIAN, SEDALIA, PETTIS COUNTY, MISSOURI.

RAILROAD LAND SOUTH OF THIRD STREET

LOTS NINE (9) AND TEN (10), ELEVEN (11) AND TWELVE (12) IN BLOCK FIVE (5) IN MARTHA E. MARTIN AND SARAH E. COTTON'S THIRD ADDITION TO THE CITY OF SEDALIA, MISSOURI.

LOTS ONE (1), TWO (2), THREE (3) AND FOUR (4) IN BLOCK SIX (6) IN MARTHA E. MARTIN AND SARAH E. COTTON'S THIRD ADDITION TO THE CITY OF SEDALIA, MISSOURI.

ALSO, COMMENCING AT A POINT ONE HUNDRED THIRTY (130) FEET EAST AND FIFTEEN (15) FEET SOUTH OF THE SOUTHWEST CORNER OF BLOCK FIVE (5) IN MARTHA E. MARTIN AND SARAH E. COTTON'S THIRD ADDITION TO SAID CITY; THENCE SOUTH FIVE HUNDRED SEVENTY SEVEN AND ONE-HALF (577 ½) FEET

TO A POINT FIFTY (50) FEET IN A WESTERLY DIRECTION FROM THE CENTER OF THE MAIN TRACT OF THE TEBO & NEOSHO RAILROAD, AND AT RIGHT ANGLE THERETO; THENCE IN A SOUTHWESTERLY DIRECTION ALONG A LINE FIFTY (50) FEET FROM THE CENTER AND ON THE WEST SIDE OF THE RAILROAD ONE HUNDRED EIGHTY FIVE (185) FEET TO BROADWAY, THENCE EAST ALONG THE NORTH LINE OF BROADWAY ONE THOUSAND TWENTY EIGHT (1028) FEET TO THE WEST LINE OF HANCOCK AVENUE; THENCE NORTH ALONG THE WEST LINE OF HANCOCK AVENUE SEVEN HUNDRED FIFTY ONE AND ONE-HALF FEET TO A POINT FIFTEEN (15) FEET SOUTH OF THE SOUTHEAST CORNER OF BLOCK SIX (6) IN SAID THIRD ADDITION; THENCE WEST ONE THOUSAND EIGHT (1008) FEET TO THE PLACE OF BEGINNING.

LOTS THREE (3), FOUR (4) FIVE (5), SIX (6), SEVEN (7), EIGHT (8), SIXTEEN (16), EIGHTEEN (18), NINETEEN (19), TWNETY (20), TWENTY ONE (21), TWENTY TWO (22), TWENTY THREE (23) AND TWENTY FOUR (24) IN BLOCK THREE (3); AND LOTS FIVE (5) AND SIX (6) IN BLOCK SIX (6); ALL IN MARTHA E. MARTIN AND SARAH E. COTTON'S THRID ADDITION TO THE CITY OF SEDALIA, MISSOURI.\P\PLOTS NUMBERED ONE (1) AND TWO (2) IN BLOCK TWO (2) IN MARTHA E. MARTIN AND SARAH E. COTTON'S THIRD ADDITION TO THE CITY OF SEDALIA, MISSOURI.

LOTS NUMBERED ONE (1) AND TWO (2) IN BLOCK TWO (2) IN MARTHA E. MARTIN AND SARAH E. COTTON'S THIRD ADDITION TO THE CITY OF SEDALIA, MISSOURI.

EXCEPT, BEGINNING AT A POINT ON THE WESTERLY LINE OF HANCOCK AVENUE DISTANCE 275 FEET NORTHERLY FROM ITS INTERSECTION WITH THE NORTH LINE OF BROADWAY AVENUE; THENCE WESTERLY DEFLECTING AN ANGLE OF 88%%D36' TO THE LEFT FROM SAID WESTERLY LINE OF HANCOCK AVENUE PARALLEL WITH THE NORTH LINE OF BROADWAY AVENUE 240 FEET TO A POINT; THENCE NORTHERLY PARALLEL WITH THE WESTERLY LINE OF HANCOCK AVENUE 300 FEET TO A POINT; THENCE EASTERLY PARALLEL WITH THE NORTHERLY LINE OF BROADWAY AVENUE 240 FEET TO A POINT ON THE WESTERLY LINE OF HANCOCK AVENUE; THENCE SOUTHERLY WITH THE WESTERLY LINE OF HANCOCK AVENUE 300 FEET MORE OR LESS TO THE POINT OF BEGINNING.

ALSO EXCEPT: BEGINNING AT A POINT ON THE WESTERLY LINE OF HANCOCK AVENUE DISTANCE 575 FEET NORTHERLY FROM ITS INTERSECTION WITH THE NORTH LINE OF BROADWAY AVENUE, THE SAME BEING THE MOST NORTHEASTERLY CORNER OF A 1.65 ACRE TRACT OF LAND CONVEYED TO MIDWEST AUTO STORES BY SAID RAILROAD; THENCE DEFLECTING AN ANGLE OF 88°36' TO THE LEFT, WESTERLY FROM THE WESTERLY LINE OF HANCOCK AVENUE, AND ALONG THE NORTH LINE OF SAID MIDWEST AUTO PROPERTY A DISTANCE OF 240 FEET TO A POINT; THENCE NORTHERLY PARALLEL WITH THE WESTERLY LINE OF HANCOCK AVENUE A DISTANCE OF 178.5 FEET TO EASTERLY PARALLEL WITH AND 15 FEET SOUTH OF THE SOUTH LINE OF SAID BLOCK 6 A DISTANCE OF 240 FEET TO A POINT IN THE WEST LINE OF HANCOK AVENUE; THENCE SOUTHERLY ALONG THE WEST LINE OF HANCOCK AVENUE A DISTANCE OF 176.5 FEET TO THE POINT OF BEGINNING

ALSO EXCEPT: A TRACT OR PARCEL OF LAND IN SECTION 3, TOWNSHIP 45 NORTH, RANGE 21 WEST, OUT OF MARTIN & COTTON'S 3RD ADDITION TO THE CITY OF SEDALIA, LOCATED AT THE CORNER OF THOMPSON AVENUE AND THIRD STREET IN SAID CITY, INCLUDING ALL IMPROVEMENTS AND APPURTENANCES LOCATED THEREON, DESCRIBED AS BEGINNING AT THE POINT WHERE THE EAST LINE OF THOMPSON AVENUE INTERSECTS THE SOUTH LINE OF 3RD STREET, THENCE SOUTH 294 FEET, MORE OR LESS, THENCE EAST 78 FEET, MORE OR LESS, TO THE CENTER LINE OF THE MAIN LINE; THENCE IN A NORTHEASTERLY DIRECTION ALONG SAID LINE TO A POINT ON THE SOUTH LINE OF 3RD STREET, 250 FEET, MORE OR LESS, EAST OF THE POINT OF BEGINNING,

ALSO EXCEPT: BEGINNING AT THE INTERSECTION OF THE NORTH RIGHT OF WAY LINE OF 5TH STREET AND THE EAST RIGHT OF WAY LINE OF THOMPSON AVENUE, SAID POINT BEING THE SOUTHWEST CORNER OF LOT 24 IN BLOCK 3 OF MARTHA E. MARTIN AND SARAH E. COTTON'S 3RD ADDITION, TO THE CITY OF SEDALIA, PETTIS COUNTY, MISSOURI; THENCE NORTH ALONG SAID EAST RIGHT OF WAY LINE AND ALONG THE WEST LINE OF SAID LOT 24 AND THE WEST LINE OF LOT 1 IN SAID BLOCK 3, 275.00 FEET TO THE SOUTHWEST CORNER OF A TRACT DESCRIBED IN BOOK 396 PAGE 260; THENCE SOUTH 89%%D54'50" EAST, ALONG THE SOUTH LINE OF SAID TRACT, 85.74 FEET TO THE SOUTHEAST CORNER OF SAID TRACT SAID POINT BEING 20.0 FEET WESTERLY OF THE CENTERLINE OF THE MAIN TRACT OF THE MISSOURI-KANSAS AND TEXAS RAILROAD; THENCE IN A NORTHEASTERLY DIRECTION ALONG THE EASTERLY LINE OF SAID TRACT PARALLEL WITH AND 20.0 FEET WESTERLY FROM THE CENTERLINE OF SAID TRACT ON A CURVE TO THE RIGHT HAVING A RADIUS OF 1770.00 FEET AN ARC DISTANCE OF 336.98 FEET AND A CHORD BEARING AND DISTANCE OF NORTH 28°51'45" EAST, 336.48 FEET TO THE NORTHEAST CORNER OF SAID TRACT, SAID POINT BEING ON THE SOUTH RIGHT OF WAY LINE OF 3RD STREET AND THE NORTH LINE OF LOT 6 IN BLOCK 2 OF SAID MARTHA E. MARTIN AND SARAH E. COTTON;S 3RD ADDITION; THENCE SOUTH 89°53'50" EAST, ALONG SAID SOUTH RIGHT OF WAY LINE AND ALONG THE NORTH LINE OF SAID LOT 6 AND THE NORTH LINE OF LOTS 7 AND 8 IN SAID BLOCK 100.15 FEET TO THE NORTHEAST CORNER OF SAID LOT 8; THENCE SOUTH 01°26'20" EAST, ALONG THE EAST LINE OF SAID LOT, 135.00 FEET TO THE NORTHWEST CORNER OF LOT 16 IN SAID BLOCK 2; THENCE SOUTH 89°53'50" EAST, ALONG THE NORTH LINE OF SAID LOT, 45.00 FEET TO THE NORTHEAST CORNER OF SAID LOT; THENCE SOUTH 01°26'20" EAST, ALONG THE EAST LINE OF SAID LOT AND ALONG THE EAST LINE OF LOTS 9 AND 16 IN BLOCK 3 OF SAID MARTHA E. MARTIN AND SARAH E. COTTON'S 3RD ADDITION, 435.00 FEET TO THE SOUTHEAST CORNER OF SAID LOT 16, SAID POINT BEING ON THE NORTH RIGHT OF WAY LINE OF 5TH STREET; THENCE NORTH 89°55'20" WEST, ALONG THE SOUTH LINE OF SAID LOT 16 AND THE SOUTH LINE OF LOTS 17, 18 AND 19 IN SAID BLOCK 3 AND THE NORTH RIGHT OF WAY LINE OF SAID STH STREET, 150.00 FEET TO A POINT 30.0 FEET EAST OF THE SOUTHWEST CORNER OF SAID LOT 19; THENCE NORTH 01°26'20" WEST, 275.0 FEET; THENCE NORTH 89°54'50" WEST, 110.80 FEET TO A POINT 30.0 FEET EASTERLY OF THE CENTERLINE OF SAID MAIN TRACT OF THE MISSOURI-KANSAS AND TEXAS RAILROAD; THENCE NORTH 22°21'37" WEST, 104.93 FEET TO A POINT 100.0 FEET EAST OF THE EAST RIGHT OF WAY LINE OF SAID THOMPSON AVENUE AND 177.87 FEET NORTH OF THE NORTH RIGHT OF WAY LINE OF SAID STH STREET; THENCE SOUTH PARALLEL WITH AND 100,0 FEET EAST OF THE EAST RIGHT OF WAY LINE OF SAID THOMPSON AVENUE, 177.87 FEET TO THE NORTH RIGHT OF WAY LINE OF SAID 5TH STREET AND THE SOUTH LINE OF LOT 22 IN SAID BLOCK 3; THENCE NORTH 89°55'20" WEST, ALONG SAID NORTH RIGHT OF WAY LINE AND ALONG THE SOUTH LINE OF SAID LOT 22

AND ALONG THE SOUTH LINE OF LOTS 23 AND 24 IN SAID BLOCK 100.00 FEET TO THE POINT OF BEGINNING.

ALSO EXCEPT: BEGINNING AT THE INTERSECTION OF THE SOUTH RIGHT OF WAY LINE OF 5TH STREET AND THE WEST RIGHT OF WAY LINE OF THOMPSON AVENUE, SAID POINT BEING THE NORTHEAST CORNER OF LOT 12 IN BLOCK 5 OF MARTHA E. MARTIN AND 5ARAH E. COTTON'S 3RD ADDITION, TO THE CITY OF SEDALIA, PETTIS COUNTY, MISSOURI; THENCE SOUTH ALONG THE EAST LINE OF SAID LOT AND THE WEST RIGHT OF WAY LINE OF SAID THOMPSON AVENUE, 85.86 FEET TO A POINT 25.0 FEET SOUTHEASTERLY AS MEASURED AT RIGHT ANGLES TO THE CENTERLINE OF THE MAIN TRACK OF THE MISSOURI-KANSAS AND TEXAS RAILROAD; THENCE SOUTH 26°25'40" WEST, PARALLEL WITH AND 25.0 FEET EAST OF THE CENTERLINE OF 5AID TRACK, 898.44 FEET TO A POINT ON THE NORTH RIGHT OF WAY LINE OF BROADWAY (U.S. ROUTE 50); THENCE NORTH 89°55'55" WEST, ALONG SAID RIGHT OF WAY LINE, 55.80 FEET; THENCE NORTH 26°25'40" EAST, PARALLEL WITH AND 25.0 FEET WEST OF SAID MAIN TRACK, 995.40 FEET TO A POINT ON THE NORTH LINE OF SAID LOT 12 AND THE SOUTH RIGHT OF WAY LINE OF SAID STH STREET, 12.65 FEET WEST OF THE POINT OF BEGINNING; THENCE SOUTH 89°56'20" EAST, ALONG THE NORTH LINE OF SAID LOT AND ALONG THE SOUTH RIGHT OF WAY LINE OF 5AID 5TH STREET, 12.65 FEET TO THE POINT OF BEGINNING.

ALSO EXCEPT: A PART OF THE WEST HALF OF SECTION 3, TOWNSHIP 45 NORTH, RANGE 21 WEST SEDALIA, PETTIS COUNTY, MISSOURI, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOW5: BEGINNING AT AN EXISTING REBAR AT THE 5OUTHEAST CORNER OF THE TRACT DESCRIBED BY THE WARRANTY DEED RECORDED IN BOOK 494, PAGE 573, RECORDS OF PETTIS COUNTY, SAID POINT BEING ON THE WESTERLY LINE OF HANCOCK AVENUE 275 FEET NORTHERLY FROM IT5 INTERSECTION WITH THE NORTHERLY LINE OF BROADWAY AVENUE; THENCE SOUTH 0°00'35" EAST, WITH SAID WESTERLY LINE, 125.03 FEET; THENCE NORTH 88°39'00" WEST, PARALLEL TO THE NORTHERLY LINE OF BROADWAY AVENUE, 240.02 FEET; THENCE NORTH 0°02'45" WEST, 124.96 FEET TO AN EXISTING REBAR AT THE SOUTHWEST CORNER OF SAID WARRANTY DEED RECOROED IN BOOK 494, PAGE 573; THENCE SOUTH 88°40'00" EAST, WITH THE SOUTH LINE OF SAID WARRANTY DEED, 240.10 FEET TO THE POINT OF BEGINNING.

MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:\

BEGINNING AT THE INTERSECTION OF THE NORTH RIGHT-OF-WAY LINE OF BROADWAY BOULEVARD (U.S. HIGHWAY 50) AND THE WEST RIGHT-OF-WAY LINE OF HANCOCK AVENUE BEING A STREET LOCATED IN THE CITY OF SEDALIA, MISSOURI; THENCE NORTH 01°49'22" EAST, ALONG SAID WEST RIGHT-OF-WAY LINE, 149.97 FEET TO THE SOUTHEAST CORNER OF A TRACT DESCRIBED IN DOCUMENT NUMBER 2010-5266; THENCE NORTH 86°55'51" WEST, ALONG THE SOUTH LINE OF SAID TRACT, 240.02 FEET TO THE SOUTHWEST CORNER OF SAID TRACT; THENCE NORTH 01°49'22" EAST, PARALLEL WITH THE WEST LINE OF SAID HANCOCK AVENUE, 607.34 FEET TO THE NORTHWEST CORNER OF A TRACT DESCRIBED IN BOOK 87 PAGE 216 AND THE 5OUTH LINE OF A 15.0 FOOT ALLEY; THENCE NORTH 86°43'58" WEST, ALONG SAID SOUTH LINE, 28.28 FEET; THENCE NORTH 01°46'10" EAST,135.0 FEET ALONG THE EAST LINE OF LOT 6 IN BLOCK 6 OF MARTHA E. MARTIN AND SARAH E. COTTON'S THIRD ADDITION TO THE CITY OF SEDALIA, MISSOURI, AND THE NORTHEAST CORNER OF SAID LOT AND A

POINT ON THE SOUTH RIGHT-OF-WAY LINE OF 5TH STREET; THENCE NORTH 86°45'15" WEST, ALONG SAID SOUTH LINE, 331.73 FEET TO THE NORTHEAST CORNER OF "KATY TRAIL STATE PARK" AS SHOWN ON A SURVEY BY PLS-200201498, AND RECORDED IN DOCUMENT NUMBER 2015-2767 IN THE RECORDERS OFFICE OF PETTIS COUNTY, MISSOURI; THENCE SOUTH 03°11'35" WEST, ALONG THE EAST LINE OF SAID KATY TRAIL STATE PARK, 86.8 FEET; THENCE CONTINUING ALONG THE EAST LINE OF SAID PARK, SOUTH 29°37'02" WEST, 899.2 FEET TO THE NORTH RIGHT-OF-WAY LINE OF SAID BROADWAY BOULEVARD (U.S. HIGHWAY 50); THENCE SOUTH 86°45'59" EAST, ALONG SAID RIGHT-OF-WAY LINE, 1023.42 FEET TO THE POINT OF BEGINNING.

ALSO: BEGINNING AT THE NORTHWEST CORNER OF LOT 9 IN BLOCK 5 OF MARTHA E. MARTIN AND SARAH E. COTTON'S 3RD ADDITION TO THE CITY OF SEDALIA, PETTIS COUNTY, MISSOURI, SAID POINT ALSO BEING ON THE SOUTH RIGHT-OF-WAY LINE OF 5TH STREET; THENCE SOUTH 86°45'15" EAST, ALONG SAID RIGHT-OF-WAY LINE, 162.50 FEET TO THE NORTHWEST CORNER OF "KATY TRAIL STATE PARK" AS SHOWN ON A SURVEY BY PLS-200201498, AND RECORDED IN DOCUMENT NUMBER 2015-2767 IN THE RECORDERS OFFICE OF PETTIS COUNTY, MISSOURI; THENCE SOUTH 29°37'02" WEST, ALONG THE WEST LINE OF SAID KATY TRAIL STATE PARK, 996.1 FEET TO THE NORTH RIGHT-OF-WAY LINE OF BROADWAY BOULEVARD (U.S. HIGHWAY 50); THENCE NORTH 86°45'59" WEST, ALONG SAID NORTH RIGHT-OF-WAY LINE, 28.05 FEET TO THE SOUTHEAST CORNER OF A TRACT DESCRIBED IN BOOK 555, PAGE 376; THENCE NORTH 28°52'50" EAST, ALONG THE EASTERLY LINE OF SAID TRACT AND ALONG THE WESTERLY RIGHT-OF-WAY LINE OF THE RAILROAD GROUND, 155.16 FEET; THENCE NORTH 03°09'29" EAST, ALONG SAID RAILROAD RIGHT-OF-WAY LINE, 616.92 FEET TO A POINT ON THE SOUTH LINE OF A 15.0 FOOT ALLEY; THENCE SOUTH 86°43'58" EAST, ALONG SAID SOUTH LINE, 241.73 FEET; THENCE NORTH 03°08'35" EAST, AND ALONG THE WEST LINE OF SAID LOT, 135.05 FEET TO THE POINT OF BEGINNING.

ALSO, BEGINNING AT THE SOUTHWEST CORNER OF LOT 22 IN BLOCK 3 OF MARTHA E. MARTIN AND SARAH E. COTTON'S 3RD ADDITION TO THE CITY OF SEDALIA, MISSOURI, SAID POINT ALSO BEING ON THE NORTH RIGHT-OF-WAY LINE OF 5TH STREET; THENCE SOUTH 86°45'42" EAST, ALONG THE NORTH LINE OF SAID 5TH STREET, 157.6 FEET TO A POINT 30.0 FEET EAST OF THE SOUTHWEST CORNER OF LOT 19 OF SAID BLOCK 3; THENCE NORTH 01°44''30" EAST, 275.15 FEET; THENCE NORTH 86°44' WEST, 110.75 FEET; THENCE SOUTH 25°34'30" WEST, 104.95 FEET; THENCE SOUTH 03°10' WEST, 178.0 FEET TO THE POINT OF BEGINNING.

LD0068706



LEGEND:

SALE AREA ..... 

SALE AREA = 31.70 ACRES +/-

FENCE SHOWN ..... X X X

UPRRCO. R/W OUTLINED ..... ——·——·——

CADD FILENAME	0068706
SCAN FILENAME	X

NOTE: BEFORE YOU BEGIN ANY WORK, SEE AGREEMENT FOR FIBER OPTIC PROVISIONS.

EXHIBIT "A"

UNION PACIFIC RAILROAD COMPANY

SEDALIA, PETTIS COUNTY, MISSOURI

M.P. 188.5 - SEDALIA SUB.

MAP MKT V-3A / S-10A, S-10B

SCALE: 1" = 400'

OFFICE OF REAL ESTATE
OMAHA, NEBRASKA DATE: 2-4-2021

PJB FILE: 0068706